Honolulu High Capacity Transit Corridor Project

Addendum 01 to the
Travel Demand Forecasting Results Report

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Summary

This Addendum supplements materials in the *Honolulu High-Capacity Transit Corridor Project Travel Demand Forecasting Results Report* dated October 2008. The information contained in this Addendum updates information from the Travel Demand Forecasting Results Technical Report in regards to the 2007 base year, No Build Alternative, Preferred Alternative (now referred to as the "Project"; formerly referred to as the First Project Airport Alternative in the Travel Demand Forecasting Results Technical Report), and the Project plus planned extensions (formerly referred to as the Full Project Airport Alternative).

This Addendum reflects refinements to the travel demand forecasting model since the release of the numbers and statistics reflected in the Draft EIS report. The components of the model that changed were:

- The transit bus routes were altered for the No Build, the Project, and the Project plus planned extensions.
- The air passenger model was refined to add a transit component since the Preferred Alternative will serve the airport.
- The non-home-based direct demand model results were added into the table of results (i.e., daily person trips, daily transit trips, total fixed guideway boardings, etc.)

Chapter 1 Background

Add	The following supplements and is added to the end of **Chapter 1—Background**

1.4 Transit Bus Routing Changes

The transit bus routes were refined further after examining the output boardings' reports. Some routes were removed if the route was not attracting enough riders and other routes had headways increased or decreased as appropriate. Some routes were also modified to be consistent with the comparable alternative for analyzing user benefits (i.e. the goal is to have most of the user benefits related to the fixed guideway and not the supporting bus network).

1.4.1 No Build Alternative

The changes to the No Build Alternative's bus network comprised of corresponding changes in the Project's bus network. For example, a small number of forecasted boardings on certain routes lead to the removal of those routes and the area was served by lengthening another nearby route (Table 1-1).

Table 1-1. No Build Alternative Bus Route Changes

Route	Draft EIS Route	Final EIS Route
4	East end of Route Turns around at Paki/Monsarratt	East end of Route continues to serve Waikiki and turns around at Ala Wai/Niu St
8 Westbound	Headways: AM=14, Midday=12, PM=10	Headways: AM=14, Midday=14, PM=14
13	Headways: AM=10, Midday=15, PM=15	Headways: AM=15, Midday=15, PM=15
19	Headways: AM=20, Midday=30, PM=20	Headways: AM=30, Midday=30, PM=30
55	Kaneohe/Turtle Bay to/from Ala Moana Center	Kaneohe/Turtle Bay to/from Aloha Tower
56	Kaneohe via Kailua to/from Ala Moana Center	Kaneohe via Kailua to/from Aloha Tower
57	Kailua/Keolu/Waimanalo via Pali Hwy to/from Ala Moana Center	Kailua/Keolu/Waimanalo via Pali Hwy to/from Aloha Tower
65	Kaneohe via Likelike Hwy to/from Ala Moana Center	Kaneohe via Likelike Hwy to/from Aloha Tower
76	n/a	Add Route 76 Waialua to/from Haleiwa
412		Delete Route 412 Kapolei TC to/from Makakilo via Panana
414	Kapolei TC to/from Makakilo via Makakilo Drive with Headways: AM=60, Midday=60, PM=60	Reroute on Palailai since deleted Route 412 with Headways: AM=30, Midday=60, PM=30
416	This route (Koolina to/from Kapolei TC) was interlined with Route 419 (Makaiwa to/from Kapolei TC)	Route 416 was split from 419 to two separate routes.
419	This route (Koolina to/from Kapolei TC) was interlined with Route 419 (Makaiwa to/from Kapolei TC)	Route 419 was split from 416 to two separate routes.
433	Waipio via Waikele to Waipahu TC	Route serves Koa Ridge north of Waipio too
440	Koa Ridge to Ka Uka Blvd	Delete Route 440 — Koa Ridge now served by Route 433
504	Mililani Town Community Circulator	Delete Route 504
505	Mililani Mauka Community Circulator	Delete route 505
521	Haleiwa/Waialua Beach Community Circulator	Delete Route 521
522	Haleiwa/Mokuleia Beach Community Circulator	Delete Route 522

1.4.2 Project

The Draft EIS bus supporting network for the Project included enhanced bus service on the Windward side which was unrelated to the fixed guideway alternative. These routes were removed from the modeling conducted for the Final EIS and the No Build Alternative's Windward services were re-instated. The peach shaded boxes in Table 1-2 are the No Build's Windward services. The blue shaded boxes are the enhanced Windward services.

Table 1-2. Project Bus Route Changes

Route	Draft EIS Route	Final EIS Route
1L Westbound	Headways: AM=10, Midday=15, PM=15	Headways: AM=15, Midday=30, PM=15
1L Eastbound	Headways: AM=15, Midday=15, PM=15	Headways: AM=15, Midday=30, PM=15
2	Headways: AM=12, Midday=15, PM=12	Headways: AM=8, Midday=12, PM=8
4	East end of Route Turns around at Paki/Monsarratt	East end of Route continues to serve Waikiki and turns around at Ala Wai/Niu St
7 Westbound	Looped right to Kaheka then left Makaloa then left Keeaumoku to Ala Moana Center	Turn left on Keeaumoku from Kapiolani Blvd. to Ala Moana Center
8 Westbound	Headways: AM=8, Midday=8, PM=4	Revised Bus stops in Waikiki: Headways: AM=4, Midday=8, PM=4
8 Eastbound	Headways: AM=4, Midday=8, PM=8	Revised Bus stops in Waikiki: Headways: AM=4, Midday=8, PM=4
9 Westbound	Looped right to Kaheka then left Makaloa then left Keeaumoku to Ala Moana Center	Turn left on Keeaumoku from Kapiolani Blvd. to Ala Moana Center
19	Turns into Ward Center and Kakaako Makai	Stays on Ala Moana Blvd., does not turn into Ward Center or Kakaako Makai
52	Headways: AM=20, Midday=20, PM=20	Headways: AM=30, Midday=30, PM=30
55	n/a	Add this route Kaneohe/Turtle Bay to/from Aloha Tower
56	n/a	Add this route Kaneohe via Kailua to/from Aloha Tower
57	n/a	Add this route Kailua/Keolu/Waimanalo via Pali Hwy to/from Aloha Tower
60	Kaneohe Marine Corps Base to/from Aloha Tower	delete Route 60
62	Kaneohe Circle Island Route	delete Route 62
63	Kailua/Sea Life Park to/from Aloha Tower	delete Route 63
64	Kailua to/from Kaneohe Community Circulator	delete Route 64
65	Kailua/Kaneohe to/from Waimanalo Community Circulator	Add the version of Route 65 that goes from Kaneohe via Likelike to Aloha Tower
66	Kaneohe to/from Pearl Ridge Center	delete Route 66
70	n/a	Add Route 70: Kailua to Kaneohe Circulator
76	n/a	Add Route 76 Waialua to/from Haleiwa
77	n/a	Add Route 77 Kaneohe to/from Waimanalo
231	Headways: AM=30, Midday=60, PM=30	Headways: AM=60, Midday=60, PM=60
232	Headways: AM=30, Midday=60, PM=30	Headways: AM=60, Midday=60, PM=60
233	Headways: AM=30, Midday=30, PM=30	Headways: AM=30, Midday=60, PM=30
301	did not serve foster village	Serves Foster Village
412	Kapolei TC to/from Makakilo via Palailai	Delete Route 412 Kapolei TC to/from Makakilo to Panana
414	Kapolei TC to/from Makakilo via Makakilo Drive with Headways: AM=60, Midday=60, PM=60	Reroute on Palailai since deleted Route 412 with Headways: AM=30, Midday=60, PM=30
416	This route (Koolina to/from Kapolei TC) was interlined with Route 419 (Makaiwa to/from Kapolei TC)	Route 416 was split from 419 to two separate routes.
418	Headways: AM=15, Midday=30, PM=15	Headways: AM=30, Midday=30, PM=30
419	This route (Koolina to/from Kapolei TC) was interlined with Route 419 (Makaiwa to/from Kapolei TC)	Route 419 was split from 416 to two separate routes.
433	Waipio via Waikele to Waipahu TC Headways: AM=15, Midday=30, PM=15	Route serves Koa Ridge north of Waipio too Headways: AM=30, Midday=30, PM=30
440	Koa Ridge to Ka Uka Blvd	Delete Route 440 — Koa Ridge now served by Route 433
504	Mililani Town Community Circulator	Delete Route 504
505	Mililani Mauka Community Circulator	Delete route 505
521	Haleiwa/Waialua Beach Community Circulator	Delete Route 521
522	Haleiwa/Mokuleia Beach Community Circulator	Delete Route 522
611	Ahuimanu/Kahaluu Community Circulator	Delete Route 611
612	Puohala.Keapuka/Mokulele Community Circulator	Delete Route 612
613	Haiphu/Kahuhipa Community Access	Delete Route 613
614	Lilipuna/Keaahala/Kapunahala Community Access	Delete Route 614
615	Maunawili/Lanikai Community Circulator	Delete Route 615
85	Kailua/Kaneohe via Likelike to/from Downtown/St. Louis	Kailua/Kaneohe via Likelike to/from Downtown
86	n/a	Add Route 86: Kailua/Kaneohe via Likelike to/from Downtown
88	Turtle Bay/Kaneohe to Ala Moana Center	Turtle Bay/Kaneohe to Aloha Tower
93	Waianae to/from East Kapolei	Waianae to/from UHWO
A Westbound	Looped right to Kaheka then left Makaloa then left Keeaumoku to Ala Moana Center	Turn left on Keeaumoku from Kapiolani Blvd. to Ala Moana Center

1.4.3 Project plus planned extensions

The Project plus planned extensions's supporting bus system had the same relative changes as the Project's supporting bus system. Like the Project, there were enhanced Windward services unrelated to the fixed guideway in the supporting bus network (light blue) (Table 1-3).

Table 1-3. Project plus planned extensions Bus Route Changes

Route	Draft EIS Route	Final EIS Route
1L Westbound	Headways: AM=10, Midday=15, PM=15	Headways: AM=15, Midday=30, PM=15
1L Eastbound	Headways: AM=15, Midday=15, PM=15	Headways: AM=15, Midday=30, PM=15
2 Westbound	Headways: AM=15, Midday=15, PM=12	Headways: AM=10, Midday=12, PM=10
2 Eastbound	Headways: AM=10, Midday=15, PM=10	Headways: AM=10, Midday=12, PM=10
4	East end of Route Turns around at Paki/Monsarratt	East end of Route continues to serve Waikiki and turns around at Ala Wai/Niu St
7 Westbound	Looped right to Kaheka then left Makaloa then left Keeaumoku to Ala Moana Center	Turn left on Keeaumoku from Kapiolani Blvd. to Ala Moana Center
8		Revised Bus stops in Waikiki
19	Turns into Ward Center and Kakaako Makai	Stays on Ala Moana Blvd., does not turn into Ward Center or Kakaako Makai
52	Headways: AM=20, Midday=20, PM=20	Headways: AM=30, Midday=30, PM=30
55	n/a	Add this route Kaneohe/Turtle Bay to/from Aloha Tower
56	n/a	Add this route Kaneohe via Kailua to/from Aloha Tower
57	n/a	Add this route Kailua/Keolu/Waimanalo via Pali Hwy to/from Aloha Tower
60	Kaneohe Marine Corps Base to/from Aloha Tower	delete Route 60
62	Kaneohe Circle Island Route	delete Route 62
63	Kailua/Sea Life Park to/from Aloha Tower	delete Route 63
64	Kailua to/from Kaneohe Community Circulator	delete Route 64
65	Kailua/Kaneohe to/from Waimanalo Community Circulator	Add the version of Route 65 that goes from Kaneohe via Likelike to Aloha Tower
66	Kaneohe to/from Pearl Ridge Center	delete Route 66
70	n/a	Add Route 70: Kailua to Kaneohe Circulator
76	n/a	Add Route 76 Waialua to/from Haleiwa
77	n/a	Add Route 77 Kaneohe to/from Waimanalo
231	Headways: AM=30, Midday=60, PM=30	Headways: AM=60, Midday=60, PM=60
232	Headways: AM=30, Midday=60, PM=30	Headways: AM=60, Midday=60, PM=60
233	Headways: AM=30, Midday=30, PM=30	Headways: AM=30, Midday=60, PM=30
301	did not serve foster village	Serves Foster Village
412	Kapolei TC to/from Makakilo via Palailai	Delete Route 412 Kapolei TC to/from Makakilo to Panana
414	Kapolei TC to/from Makakilo via Makakilo Drive with Headways: AM=60, Midday=60, PM=60	Reroute on Palailai since deleted Route 412 with Headways: AM=30, Midday=60, PM=30
416	This route (Koolina to/from Kapolei TC) was interlined with Route 419 (Makaiwa to/from Kapolei TC)	Route 416 was split from 419 to two separate routes.
418	Headways: AM=15, Midday=30, PM=15	Headways: AM=30, Midday=30, PM=30
419	This route (Koolina to/from Kapolei TC) was interlined with Route 419 (Makaiwa to/from Kapolei TC)	Route 419 was split from 416 to two separate routes.
433	Waipio via Waikele to Waipahu TC Headways: AM=15, Midday=30, PM=15	Route serves Koa Ridge north of Waipio too Headways: AM=30, Midday=30, PM=30
440	Koa Ridge to Ka Uka Blvd	Delete Route 440 — Koa Ridge now served by Route 433
504	Mililani Town Community Circulator	Delete Route 504
505	Mililani Mauka Community Circulator	Delete route 505
521	Haleiwa/Waialua Beach Community Circulator	Delete Route 521
522	Haleiwa/Mokuleia Beach Community Circulator	Delete Route 522
611	Ahuimanu/Kahaluu Community Circulator	Delete Route 611
612	Puohala.Keapuka/Mokulele Community Circulator	Delete Route 612
613	Haiphu/Kahuhipa Community Access	Delete Route 613
614	Lilipuna/Keaahala/Kapunahala Community Access	Delete Route 614
615	Maunawili/Lanikai Community Circulator	Delete Route 615
85	Kailua/Kaneohe via Likelike to/from Downtown/St. Louis	Kailua/Kaneohe via Likelike to/from Downtown
86	n/a	Add Route 86: Kailua/Kaneohe via Likelike to/from Downtown
88	Turtle Bay/Kaneohe to Ala Moana Center	Turtle Bay/Kaneohe to Aloha Tower
93	Waianae to/from East Kapolei	Waianae to/from UHWO
A Westbound	Looped right to Kaheka then left Makaloa then left Keeaumoku to Ala Moana Center	Turn left on Keeaumoku from Kapiolani Blvd. to Ala Moana Center

1.5 Enhanced Air Passenger Model

A new air passenger model for Honolulu was developed since the Preferred Alternative was selected to serve the Honolulu International Airport. The previous air passenger model did not have a transit component. The new air passenger model predicts transit ridership for both local bus and rail if available, and uses coefficients borrowed from another area. The air passenger model was then calibrated using the fixed mode shares from the previous model, and the 2005 on-board survey transit trips to and from the airport transportation analysis zone.

1.6 Non-Home Direct Demand Results

The non-home based direct demand model estimates non-home based trip ends at each rail station. With theProject, the non-home based direct demand rail trips replace the Journey-At-Work trip purposes' transit trips. Since the non-home based direct demand model only estimates rail trips, this change only affects statistics associated with the Project (i.e., total person trips, total transit trips, fixed guideway boardings).

1.7 Mode Choice Model Adjustment of KNR/PNR Rail Trips by Purpose (San Diego Method)

The mode choice model produces drive access trips overwhelmingly to kiss-and-ride to rail (0.5 percent formal park-and-ride versus 14 percent kiss-and-ride to rail for all rail trips). The reason is that the 2005 on-board survey shows that over 90 percent of drive access trips are to the kiss-and-ride mode. Other areas around the country show that when a rail station with formal park-and-ride is constructed, the percentage of formal park-and-ride to a rail station increases significantly. This is because rail park-and-ride stations tend to have more security, the rail line is stopping at these stations more frequently than at bus park-and-ride lots which in Honolulu, usually only stop at these lots in the peak periods.

Currently, the Royal Kunia park-and-ride lot is rarely used and is used for Go Cart racing[1], the Hawaii Kai park-and-ride lot is filled with feral cats and chickens[2]. Honolulu has very little formal park-and-ride users as these lots are known to have a lot of vandalism since the buses that serve these lots are the express bus routes which normally operate only during the peak periods.

The absence of current formal park-and-riders in Honolulu led to using percentages by trip purpose and auto ownership from a survey of the San Diego rail line to adjust the mode choice model so that the a more reasonable proportion of rail trips were made by kiss-and-ride and park-and-ride. The new percentages of rail trips by access mode were 13 percent formal park-and-ride and 9 percent kiss-and-ride.

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[1] http://www.oahuislandnews.com/Mar03/Home.htm — see last paragraph on this link.
[2] http://archives.starbulletin.com/2008/03/24/business/story02.html

Chapter 2 Transit Service Level Impacts of the Alternatives

Each alternative has a specific effect on the performance of the transit system. Mode share and transit travel time are two particular measures used to assess the improvement of transit service. Both measures provide indications of how well an alternative improves transit service.

The mode share measure presents the numbers and relative percentages of people who choose a specific mode of transportation for all trips made throughout the day (Tables 2-1 and 2-2) and for home-based trips to work (Table 2-3). If the number of transit trips (or if the transit mode share) increases, that is an indication that the transit system is providing a high enough level of service to entice people to use transit rather than other modes, such as private automobiles, walking, or bicycling. Therefore, an increase in transit mode share is an indication that the transit system is performing better as compared to the No Build Alternative.

Transit travel time is another measure related to transit performance. Table 2-4 shows the future estimated a.m. two-hour peak-period (6:00 a.m. to 8:00 a.m.) transit travel times between 19 selected study corridor location pairs for each alternative. The locations of the origins and destinations comprising the travel routes for which times are estimated are shown in Figure 2-1.

Transit travel time measures the amount of time required to complete a journey from origin to destination, assuming that the journey was made on the transit system. For this analysis, the transit travel time is expressed in two modes: walk-to-transit and drive-to-transit. Walk-to-transit time represents the time needed to complete a transit trip, including time spent walking to and from the transit stop. Drive-to-transit represents the time needed to complete a trip by transit, including time spent driving to the transit stop. While both modes represent the transit trip, the distinction between the two is the mode of access to transit. Walk-to-transit is applicable to all zone pairs across each alternative. The drive-to-transit access mode is only applicable for trips where a park-and-ride facility is available.

The travel times were obtained from the travel demand forecasting model. Existing travel times estimated by the model were compared to observed travel times, and adjustments were made to the model estimates to bring them in line with observed values. In places where bottlenecks are known to exist in the system, the congested speeds calculated by the model were extended to match the length of known traffic queues.

The 19 travel pairs correspond to a variety of travel purposes (home-based work, home-based other, and visitor trips) and locations (Waiʻanae, Mililani Mauka, ʻEwa, Downtown, UH Mānoa, and Waikīkī). Several pairings represent travel from emerging residential areas such as ʻEwa and Kapolei to key employment destinations such as Downtown. Home-based other trips are represented by destinations such as UH Mānoa, the terminus of the Project with planned extensions. Visitor trips are reflected in the Airport to Waikīkī pairing. Ala Moana Center is the State's largest shopping complex and thus a popular destination for both visitors and residents. Waipahu is generally a transit-dependent area with many residents traveling to Waikīkī for employment. In addition, travel times for reverse commutes are shown for Downtown to Kapolei.

2.1 No Build

2.1.1 Mode Share

As compared to year 2007, total systemwide daily person trips are projected to increase by about 24 percent for the No Build Alternative in 2030, keeping pace with the projected growth in population between 2007 and 2030. Transit mode share for total daily trips is projected to remain at 6 percent (Table 2-1) while transit mode share for home-based work trips is expected to increase from 12.3 to 12.6 percent (Table 2-3). The enhancement of the HOV and zipper-lane systems provides some additional benefits, and hence, attractiveness, to the transit mode.

2.1.2 Auto and Transit Travel Times

As shown in Table 2-4, auto travel times for the No Build Alternative would be generally the same as existing conditions between the origins and destinations selected, despite the fact that the No Build Alternative includes $3 billion of roadway improvements that are included in the Oʻahu Regional Transportation Plan 2030. Minor improvements in auto travel times occur between Waiʻanae to Downtown, Downtown to Ala Moana Center, and Salt Lake to Downtown. Auto travel times would be longer for trips originating from Waipahu, ʻEwa, and Kapolei.

The No Build Alternative would result in longer travel times for transit trips for several of the selected pairs, such as ʻEwa to Salt Lake, which would be 12 minutes longer under the 2030 No Build Alternative. Some transit travel times, such as from Waianae to Downtown and from Mililani Mauka to Downtown, are projected to improve under the 2030 No Build Alternative. This is because these trips would be able to take advantage of the extended HOV lanes on Interstate Route H-1; the improved operations of the zipper lane, which is assumed to be limited to three or more occupant vehicles by the year 2030; and/or the proposed Nimitz flyover, which will give priority to HOVs and transit vehicles. Additionally, the transit travel time from Mililani Mauka to Downtown would improve because it is assumed that bus service would be extended farther into the neighborhood, hence shortening walk access time.

Table 2-1. Total Daily Person Trips by Mode—2007 and 2030 No Build Alternative

Alternative	2007		2030 No Build		*Percentage Growth*
	Number	Percent	Number	Percent	
Trips by Residents					
Private Automobile	2,291,800	82%	2,815,800	82%	*23%*
Transit	166,400	6%	205,400	6%	*23%*
Bike/Walk	333,000	12%	432,800	13%	*30%*
Total Trips by Residents	2,791,200	100%	3,454,000	100%	*24%*
Trips by Visitors					
Private Automobile	116,400	32%	160,100	37%	*38%*
Transit	17,600	5%	19,700	5%	*12%*
Taxi	9,300	3%	9,700	2%	*4%*
Tour Bus	56,000	15%	77,500	18%	*38%*
Bike/Walk	165,100	45%	163,600	38%	*-1%*
Total Trips by Visitors	364,400	100%	430,600	100%	*18%*
Ground Access Trips by Air passengers					
Private Automobile	16,300	27%	27,500	26%	*69%*
Transit	700	1%	1,200	1%	*71%*
Taxi	9,700	16%	16,400	16%	*69%*
Tour Bus	21,400	36%	38,000	37%	*78%*
Shuttle Bus	12,000	20%	20,800	20%	*73%*
Total Trips by Air Passengers	60,000	100%	103,900	100%	*73%*
Trips by Truck	44,700		51,600		*15%*
Total Daily Trips (All)	*3,260,400*	*100%*	*4,040,100*	*100%*	*24%*

Table 2-2. Total Daily Person Trips by Mode—2030 No Build Alternative and the Project

Mode	2030 No Build Alternative		TSM Alternative		Project		Project plus Planned Extensions	
	Daily Trips	%	Daily Trips	%	Daily Trips	%	Daily Trips	%
Resident Trips								
Private Automobile	2,815,800	82%	2,808,500	81%	2,767,600	80%	2,761,800	80%
Transit	205,400	6%	213,000	6%	255,500	7%	268,500	8%
Bike/Walk	432,800	13%	432,500	13%	431,700	12%	431,500	12%
Total Daily Resident Trips	*3,454,000*	*100%*	*3,454,000*	*100%*	*3,454,800*	*100%*	*3,461,800*	*100%*
Visitor Trips								
Private Automobile	160,100	37%	159,800	37%	157,800	37%	155,500	36%
Transit	19,700	5%	20,200	5%	23,500	5%	27,400	6%
Taxi	9,700	2%	9,600	2%	9,500	2%	9,300	2%
Tour Bus	77,500	18%	77,300	18%	76,200	18%	74,800	17%
Bike/Walk	163,600	38%	163,600	38%	163,600	38%	163,600	38%
Total Daily Visitor Trips	*430,600*	*100%*	*430,600*	*100%*	*430,600*	*100%*	*430,600*	*100%*
Ground Access Trips by Air passengers								
Private Automobile	27,500	26%	27,400	26%	26,800	26%	26,700	26%
Transit	1,200	1%	1,300	1%	3,500	3%	4,000	4%
Taxi	16,400	16%	16,400	16%	15,800	15%	15,700	15%
Tour Bus	38,000	37%	38,000	37%	37,000	36%	36,700	35%
Shuttle Bus	20,800	20%	20,800	20%	20,800	20%	20,800	20%
Total Trips by Air Passengers	*103,900*	*100%*	*103,900*	*100%*	*103,900*	*100%*	*103,900*	*100%*
Trips by Truck	51,600		51,600		51,600		51,600	
Total Daily Trips (All)	*4,040,100*	*100%*	*4,047,800*	*100%*	*4,040,000*	*100%*	*4,040,800*	*100%*

Table 2-3. Transit Mode Share for Home-based Work Trips by Alternative—2007 and 2030

Alternative	% Transit Mode Share
2007 Existing conditions	12.3%
2030 No Build Alternative	12.6%
2030 TSM	13.2%
2030 Project	17.3%
2030 Project plus planned extensions	17.8%

Table 2-4. A.M. Peak Period Travel Times by Alternative (in minutes)—2007 and 2030

Alternative	Travel Origin and Destination																		
	From Kapolei to Downtown	From 'Ewa to Downtown	From Waipahu to Downtown	From Mililani Mauka to Downtown	From Pearlridge Center to Downtown	From Downtown to Ala Moana Center	From Waipahu to Waikiki	From Downtown to Kapolei	From Kapolei to Ala Moana Center	From 'Ewa to Pearl Harbor	From 'Ewa to Salt Lake	From Salt Lake to Downtown	From 'Ewa to Airport	From Airport to Downtown	From Kapolei to Pearl Harbor	From Airport to Waikiki	From Pearlridge Center to Kapolei	From Waianae to UH Manoa	From Ala Moana Center to UHWO
2007 Base Year																			
Walk to transit	86	88	66	105	52	18	85	67	101	105	97	39	114	42	102	71	72	128	101
Drive to transit	N/A	N/A	N/A	83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Auto Travel Time	89	88	58	84	35	14	69	32	94	71	76	26	75	25	70	35	23	109	44
2030 No Build Alternative																			
Walk to transit	90	91	66	98	57	20	85	68	105	99	109	41	112	44	101	73	53	121	65
Drive to transit	N/A	N/A	N/A	72	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Auto Travel Time	91	93	66	89	37	13	77	32	102	80	85	25	86	26	77	37	25	115	40
2030 TSM																			
Walk to transit	90	86	66	81	52	20	85	65	105	99	104	41	113	45	99	75	51	121	62
Drive to transit	78	86	64	69	51	N/A	92	70	94	89	102	53	85	55	88	N/A	N/A	139	N/A
2030 Project																			
Walk to transit	55	60	35	57	30	12	54	55	59	48	63	32	51	21	43	40	40	93	49
Drive to transit	45	45	31	42	24	N/A	49	48	49	33	47	27	36	28	33	N/A	38	77	N/A
2030 Project plus planned extensions																			
Walk to transit	51	60	35	57	30	12	47	52	55	48	63	32	51	21	39	33	36	88	49
Drive to transit	46	46	31	42	24	N/A	43	45	50	33	48	27	37	28	34	N/A	35	73	N/A

Figure 2-1. Locations of Origins and Destinations for Selected Travel Time Routes

2.2 Transportation System Management

2.2.1 Mode Share

As shown in Tables 2-2 and 2-3, the TSM Alternative, as a result of its enhanced bus service, would result in a slightly higher transit mode share than the No Build Alternative, at 5.8 percent as compared to 5.6 percent (daily trips) and 13.2 percent compared to 12.6 percent (home-based work trips). Private vehicle trips and non-motorized trips are projected to decrease slightly in comparison to the No Build Alternative as more people are attracted to transit.

2.2.2 Transit Travel Times

Transit travel times for the year 2030 TSM Alternative would generally improve over the No Build Alternative (Table 2-4). In most cases, the savings would be due to the higher frequency of service and the shorter wait times for riders. Some locations, such as Mililani Mauka to Downtown, would experience larger travel-time benefits as a result of new express routes added for this alternative. The TSM Alternative would also have a number of additional park-and-ride lots, and travel times would improve for riders using these lots.

In general, travel-time benefits would be moderate at best for the TSM Alternative as compared to the No Build Alternative. Table 2-4 shows that even by optimizing the bus system, only a marginal benefit in travel time would be gained because more buses on the road would not improve travel times in a majority of cases.

2.3 Fixed Guideway Airport—Project

2.3.1 Mode Share

The Project will be expected to experience higher systemwide daily transit ridership and mode share in comparison with No Build and TSM Alternatives, as shown in Table 2-2. The Project will be expected to result in a transit mode share of 7.0 percent for daily trips and 17.3 percent for home-based work trips (Table 2-3). The Project is projected to experience 282,500 transit trips which is an increase in total daily transit trips over the No Build Alternative by 56,200 trips. The vast majority of these trips will be drawn from the highway mode as automobile travel will be expected to decrease by 51,200 trips.

2.3.2 Transit Travel Times

The Project will provide significant travel-time savings compared to the No Build and TSM Alternatives for origins in Leeward and Central O'ahu, such as Kapolei, 'Ewa, Waipahu, and Mililani as well as to destinations such as Pearl Harbor and travel to or from Honolulu International Airport. In addition, drive-to-transit trips (i.e., park-and-ride transit trips) provide significant savings from several locations (e.g., Kapolei, 'Ewa, and Mililani).

2.4 Fixed Guideway Airport—Project plus planned extensions

2.4.1 Mode Share

The Project plus planned extensions would be expected to experience higher systemwide daily transit ridership and mode share in comparison with No Build and TSM Alternatives, as shown in Table 2-2. The Project plus planned extensions would be expected to result in a transit mode share of 7.4 percent for daily trips and 17.8 percent for home-based work trips (Table 2-3). The Project plus planned extensions is projected to experience a transit ridership of 299,900 trips, with an increase over the No Build Alternative of 73,600 transit trips. The Project plus planned extensions would also see an increase in total daily transit trips over Project by 17,400. The vast majority of these trips would be drawn from the highway mode as automobile travel is expected to decrease by 59,400 trips.

2.4.2 Transit Travel Times

The Project plus planned extensions would provide significant travel-time savings compared to the No Build and TSM Alternatives for origins in Leeward and Central O'ahu, such as Kapolei, 'Ewa, Waipahu, and Mililani as well as to destinations such as Pearl Harbor and travel to or from Honolulu International Airport. In addition, drive-to-transit trips (i.e., park-and-ride transit trips) would provide significant savings from several locations (e.g., Waianae, Kapolei, 'Ewa, and Mililani). The Project plus planned extensions would provide the shortest travel times to Waikīkī and UH Mānoa.

Change The following modifies and replaces Chapter 3

Chapter 3 Ridership Impacts of the Alternatives

This section describes the transit ridership effects associated with each of the alternatives. To assist in the analysis of the effects, the ridership figures are summarized for each of the alternatives, in many cases at both the system-wide level and for the 26 Transportation Analysis Areas, as shown in Figure 3-1.

3.1 Transit Trips by Time of Day

Table 3-1 presents transit trips by time of day—a.m. two-hour peak period, a.m. two-hour peak period for home based work trips (since this trip purpose and time of day is known to have the most severe congestion), peak period, off-peak period, and total trips. The a.m. two-hour peak period is from 6:00 to 8:00 a.m. The peak period is from 5:00 to 9:00 a.m. and 2:00 to 6:00 p.m. The table indicates that in the year 2030, the No Build Alternative would be expected to carry 226,300 daily transit trips, while the TSM Alternative would carry an average of 234,500 daily transit trips. The Project will carry 282,500 daily transit trips, a 24.8 percent increase over the No Build Alternative. The Project plus planned extensions would carry 299,900 total transit trips, an increase of nearly 33 percent over the No Build Alternative.

Overall, the TSM Alternative would carry 8,200 additional transit trips over the No Build Alternative. Of this increase, 5,400 would be during the peak period and 2,700 would be during the off-peak. The larger increase in peak-period trips would result from the large increase in peak-period service for the TSM Alternative relative to the No Build Alternative.

The Project will generate 56,200 additional transit trips over the No Build Alternative. Of this total increase, 33,000 trips will be during the peak period and 23,100 will be during the off-peak. The a.m. peak-period will experience a large percentage increase over the No Build Alternative for all trip purposes as well as home based work trips (32.8 and 52.1 percent respectively) indicating that the Project will attract a high number of transit riders during the critical peaks when the roadways are most congested.

The Project plus planned extensions would generate 73,600 additional transit trips over the No Build Alternative. Of this total increase, 38,700 trips would be during the peak period and 34,800 would be during the off-peak. The a.m. peak-period would experience a large percentage increase over the No Build Alternative for all trip purposes as well as home based work trips (42.4 and 57.5 percent respectively) indicating that the Project plus planned extensions would attract a high number of transit riders during the critical peaks when the roadways are most congested.

3.2 Transit Trips by Trip Purpose

Table 3-2 summarizes daily transit trips by purpose (5 residential purposes, and 2 'other' purposes) for each of the alternatives. Compared to the No Build Alternative, all trip purposes would increase with the TSM Alternative, with increases ranging from 1.9 percent to 8.3 percent more transit trips.

The Fixed Guideway Alternatives (Project and Project plus planned extensions), however, would carry a significantly larger number of transit trips in comparison to the No Build Alternative. The largest increase in transit trips would occur for home-based work trips (34.7 percent for the Project and 38.5 percent for the Project plus planned extensions). As the majority of work trips occur during the peak periods, the increase in home-based work trips for the Fixed Guideway Alternatives would reflect the improved travel times and service during the peak period between residential areas throughout O'ahu and the employment areas in Downtown, Ala Moana, Waikīkī, and UH Mānoa.

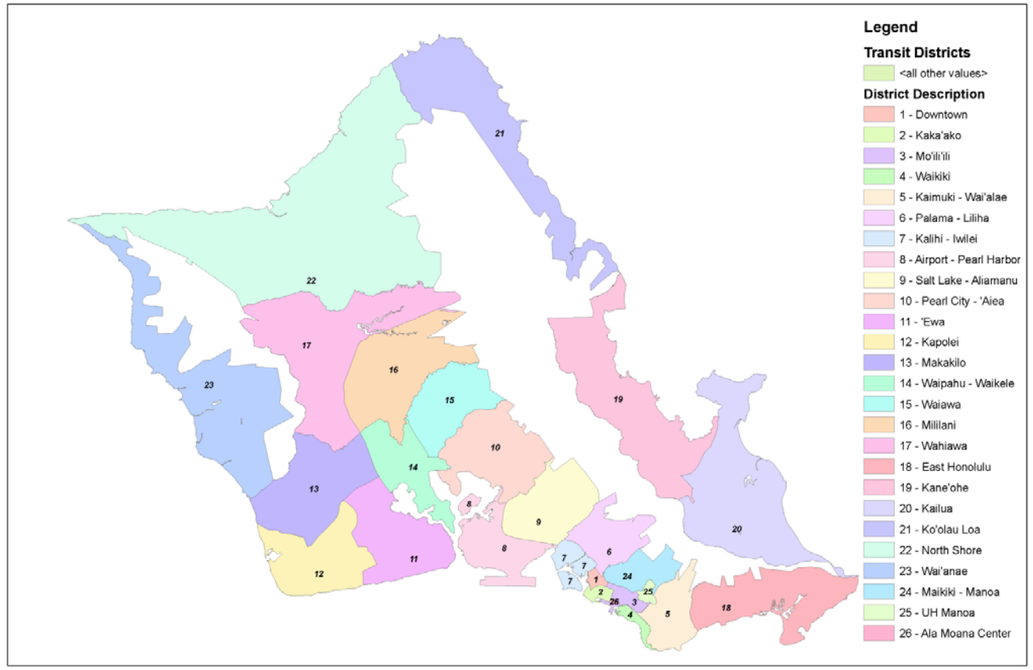

Figure 3-1: Transportation Analysis Area Locations

Table 3-1. Transit Trips by Time of Day—2030

Alternative	A.M. 2-Hour Peak	A.M. 2-Hour Peak Home Based Work	Peak Period	Off-Peak Period	Total Trips
No Build Alternative					
Number of Transit Trips	40,300	18,800	143,900	82,500	226,300
TSM Alternative					
Number of Transit Trips	42,000	19,400	149,300	85,200	234,500
% Change from No Build	*4.22%*	*3.19%*	*3.75%*	*3.27%*	*3.62%*
Project					
Number of Transit Trips	53,500	28,600	176,900	105,600	282,500
% Change from No Build	*32.75%*	*52.13%*	*22.93%*	*28.00%*	*24.83%*
Project plus planned extensions					
Number of Transit Trips	57,400	29,600	182,600	117,300	299,900
% Change from No Build	*42.43%*	*57.45%*	*26.89%*	*42.18%*	*32.52%*

Table 3-2. Transit Trips by Trip Purpose—2030

Alternative	Purpose							Total Daily Transit Trips
	Trips by Resident					Other Trips		
	To and from work	While at work	To and from school / university	To and from shopping / other	Do not end at work or home	Ground access trips by air passengers	Trips by Visitors	
No Build Alternative								
Number of Transit Trips	104,100	10,700	35,100	50,500	5,000	1,200	19,700	226,300
TSM Alternative								
Number of Transit Trips	108,800	10,900	36,400	51,800	5,100	1,300	20,200	234,500
% Change from No Build	*4.5%*	*1.9%*	*3.7%*	*2.6%*	*2.0%*	*8.3%*	*2.5%*	*3.6%*
Project								
Number of Transit Trips	140,200	12,200	43,200	54,400	5,500	3,500	23,500	282,500
% Change from No Build	*34.7%*	*14.0%*	*23.1%*	*7.7%*	*10.0%*	*191.7%*	*19.3%*	*24.8%*
Project plus planned extensions								
Number of Transit Trips	144,200	19,400	43,700	55,500	5,600	4,000	27,400	299,900
% Change from No Build	*38.5%*	*81.3%*	*24.5%*	*9.9%*	*12.0%*	*233.3%*	*39.1%*	*32.5%*

3.3 Transit Trips by Auto Ownership Level

Table 3-3 summarizes the daily transit trips by auto ownership level for the alternatives being studied. This table does not include visitor trips, because the auto ownership level of visitors has little effect on their choice of mode while on O‘ahu. Non-home-based trips are also excluded because the generation of these trips is not dependent on auto ownership.

There is little variation (5 percent) among all of the alternatives in transit trips from the zero-auto households. This is because these households are more transit-dependent and have fewer options for travel regardless of the level of transit service provided.

The TSM Alternative shows a minimal increase over the No Build Alternative for all auto-ownership levels.

Table 3-3 shows that the total number of transit trips would increase significantly across the one and two-plus auto ownership categories for the Fixed Guideway Alternatives (Project and Project plus planned extensions) compared to the No Build Alternative. Transit trips for zero-car households would show an increase of 6 percent (Project) and 7 percent (Project plus planned extensions) over the No Build Alternative. Substantial increases would also be seen for households with two or more autos (46 percent (Project) and 50 percent (Project plus planned extensions)). This increase in ridership at higher levels of auto ownership indicates that the Fixed Guideway Alternatives would be more attractive to those who have multiple options for travel.

Table 3-3. Daily Transit Trips by Auto Ownership Level —2030

Alternative	Zero Autos Per Household	One Auto Per Household	Two or More Autos Per Household	Total
No Build Alternative				
Number of Daily Transit Trips	63500	83000	58900	205400
TSM				
Number of Daily Transit Trips	64700	86000	62400	213000
% Change from No Build	*2%*	*4%*	*6%*	*4%*
Project				
Number of Daily Transit Trips	67200	101400	86000	254700
% Change from No Build	*6%*	*22%*	*46%*	*24%*
Project plus planned extensions				
Number of Daily Transit Trips	67900	104100	88600	260600
% Change from No Build	*7%*	*25%*	*50%*	*27%*

3.4 Transit Trip Differences: No-Build versus TSM Alternative

The patronage results for the No Build Alternative for daily, peak-period, and off-peak-period trips are summarized in Tables 3-4 through 3-6, respectively. The daily trip tables are further summarized by trip purpose in Tables 3-7 through 3-13, showing to and from work, while at work (non-home based), to and from school or university, to and from shopping or other, do not originate or end at work or home, ground access air passenger, and visitor trips, respectively. Tables 3-14 and 3-15 show the a.m. peak two hour total transit trips, and the a.m. peak two hour home based work transit trips, respectively.

The results for the TSM Alternative for daily, peak, and off-peak trips are summarized in Tables 3-16 through 3-18, respectively. The TSM Alternative daily trip table is summarized by trip purpose (to and from work, while at work (non-home based), to and from school or university, to and from shopping or other, do not originate or end at work or home, ground access air passenger, and visitor trips) in Tables 3-19 through 3-25, respectively. Tables 3-26 and 3-27 show the a.m. peak two hour total transit trips, and the a.m. peak two hour home based work transit trips, respectively.

The differences in ridership generated between the two alternatives are summarized in Tables 3-28 through 3-30 for daily, peak, and off-peak periods, respectively. The differences in daily ridership by purpose are shown in Tables 3-31 through 3-37 for to and from work, while at work (non-home based), to and from school or university, to and from shopping or other, do not originate or end at work or home, ground access air passenger, and visitor trips, respectively.

The TSM Alternative is projected to carry 8,200 more daily transit trips than the No Build Alternative with 5,500 in the peak period and 2,700 in the off-peak. The majority of these additional trips would be short trips within areas outside of the Primary Urban Center. The TSM Alternative would also be expected to result in 4,700 more to and from work transit trips than the No Build Alternative. Many of these trips would be within Central Oʻahu, Kapolei, and ʻEwa, where more local bus routes would attract additional local transit trips. The TSM Alternative would also attract 2,600 more to and from school/university/shopping or other transit trips than the No Build Alternative. Again, most of these added trips would be outside of the Primary Urban Center.

There would be a minimal difference in trips that do not originate or end at work or home, ground access air passenger, and visitor transit trips between these two alternatives (100, 100, and 500 trips, respectively).

There would also a minimal difference in the a.m. peak two hour for both total transit trips and home based work trips between these two alternatives (1,700, and 600 respectively). Most of these additional trips would be outside of the Primary Urban Center.

3.5 Transit Trip Differences: No Build versus Project

The patronage results for the Project for daily, peak period, and off-peak-period trips are summarized in Tables 3-40 through 3-42, respectively. The breakdown of daily transit trips by trip purpose is seen in Tables 3-43 through 3-49 for to and from work, non-home based direct, to and from school or university, to and from shopping or other, do not originate or end at work or home, ground access air passenger, and visitor trips, respectively. Tables 3-50 and 3-51 show the a.m. peak two hour total transit trips, and the a.m. peak two hour home based work transit trips, respectively.

The differences in ridership between the Project and the No Build Alternative are summarized in Tables 3-52 through 3-54 for daily, peak, and off-peak periods, respectively. The differences between Project and the No Build Alternative for to and from work, non-home based direct, to and from school or university, to and from shopping or other, do not originate or end at work or home, ground access air passenger, and visitor trips are shown in Tables 3-55 through 3-61, respectively. Tables 3-62 and 3-63 shows the difference between the Project and the No Build Alternative for the a.m. peak two hour total transit trips, and the a.m. peak two hour home based work transit trips, respectively.

One of the most significant benefits provided by the Project will be the travel-time savings for trips from ʻEwa and Central Oʻahu to employment sites in the Downtown, Kapolei, and Pearl City/ʻAiea areas during peak travel periods. As a result, the Project is projected to carry approximately 36,100 more to and from work transit riders than the No Build Alternative.

The Project will also result in an additional 12,000 to and from school/university/shopping or other transit trips as compared to the No Build Alternative. Nearly 22 percent of these trips will have UH Mānoa as the attraction.

Additionally, the 2,000 more non-home-based related transit trips projected for the Project compared to the No Build Alternative will occur primarily to, from, and within Downtown, Kalihi/Iwilei, Airport/Pearl Harbor, Waipahu/Waikele, and Ala Moana Center areas.

There will be an additional 2,300 and 3,800 in transit ground access air passenger and visitor trips respectively between the Project and the No Build Alternative. And these are mostly projected in the Airport, Pearl Harbor, and Ala Moana Center areas.

There will also be a significant difference in the a.m. peak two hour for both total transit trips and home based work trips between these two alternatives (13,200, and 9,900 respectively). These are projected in the heavily congested part of the corridor especially between the Leeward and Central end of the island to Downtown.

3.6 Transit Trip Differences: No Build versus Project plus planned extensions

The patronage results for the Project plus planned extensions for daily, peak period, and off-peak-period trips are summarized in Tables 3-64 through 3-66, respectively. The breakdown of daily transit trips by trip purpose is seen in Tables 3-67 through 3-73 for to and from work, non-home based direct, to and from school or university, to and from shopping or other, do not originate or end at work or home, ground access air passenger, and visitor trips, respectively. Tables 3-74 and 3-75 show the a.m. peak two hour total transit trips, and the a.m. peak two hour home based work transit trips, respectively.

The differences in ridership between the Project plus planned extensions and the No Build Alternative are summarized in Tables 3-76 through 3-78 for daily, peak, and off-

peak periods, respectively. The differences between the Project plus planned extensions and the No Build Alternative for to and from work, non-home based direct, to and from school or university, to and from shopping or other, do not originate or end at work or home, ground access air passenger, and visitor trips are shown in Tables 3-79 through 3-85, respectively. Tables 3-86 and 3-87 shows the difference between the Project and the No Build Alternative for the a.m. peak two hour total transit trips, and the a.m. peak two hour home based work transit trips, respectively.

One of the most significant benefits provided by the Project plus planned extensions would be the travel-time savings for trips from ‘Ewa and Central O‘ahu to employment sites in the Downtown, Kapolei, and Pearl City/‘Aiea areas along the alignment. This time savings would be the primary reason this alternative carries 40,100 more transit riders to and from work than the No Build Alternative.

The Project plus planned extensions would also result in approximately 13,600 additional to and from school/university/shopping or other transit trips as compared to the No Build Alternative. About 20 percent of these trips would have UH Mānoa as the attraction, which would be the eastern terminus for this alternative.

Additionally, the 9,300 more non-home-based related transit trips projected for the Project plus planned extensions compared to the No Build Alternative would occur primarily to, from, and within Downtown, Kalihi/Iwilei, Airport/Pearl Harbor, Waipahu/Waikele, UH Mānoa and Ala Moana Center areas.

There would be an additional 2,800 and 7,700 in transit ground access air passenger and visitor trips respectively between the Project and the No Build Alternative. And these would mostly occur in the Downtown, Waikiki, Airport, Pearl Harbor, and Ala Moana Center areas. There would be approximately twice the number of visitor transit trips compared to the Project.

There would also be a significant difference in the a.m. peak two hour for both total transit trips and home based work trips between these two alternatives (17,100, and 10,800 respectively). These are projected in the heavily congested part of the corridor especially between the Leeward and Central end of the island to Downtown, Waikiki, Airport, and UH Mānoa.

Table 3-4. Daily Total Transit Trips (Production to Attraction Format)—2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	970	785	1004	655	520	679	1058	519	463	204	12	35	2	53	16	20	13	61	73	95	13	3	3	234	350	580	*8418*
Kakaʻako	1725	569	909	962	732	561	1110	375	278	130	7	30	1	38	15	13	9	69	47	58	8	3	8	300	419	521	*8895*
Mōʻiliʻili	3916	1449	1196	1317	1767	615	1241	510	326	178	8	36	3	45	18	15	16	221	62	63	20	21	5	501	640	906	*15095*
Waikīkī	4289	1512	2012	1896	2679	590	1149	2000	176	337	8	34	2	701	12	33	52	858	67	448	135	185	20	813	727	5448	*26182*
Kaimukī-Waiʻalae	2444	911	1726	1559	1878	323	601	207	164	88	8	27	2	26	13	10	7	378	25	78	12	3	3	526	693	740	*12453*
Palama-Liliha	3401	1025	745	440	371	1375	2244	846	774	318	12	56	4	116	25	22	16	45	126	109	18	4	4	212	287	426	*13020*
Kalihi-Iwilei	1490	682	502	313	244	704	975	749	639	301	8	44	2	57	25	17	14	53	56	46	6	2	4	114	174	298	*7518*
Airport-Pearl Harbor	417	97	82	142	279	284	442	858	377	305	7	22	2	103	40	14	8	8	15	20	5	6	3	17	78	102	*3733*
Salt Lake-Āliamanu	1473	1137	294	182	185	426	1031	1335	1650	980	20	70	4	170	62	34	23	18	62	55	17	4	8	66	361	152	*9817*
Pearl City-ʻAiea	1131	276	232	183	151	251	737	1381	1062	3119	130	388	21	1065	469	241	129	26	82	60	24	13	24	65	491	126	*11876*
ʻEwa	957	322	281	730	207	177	341	384	219	513	2511	3322	195	868	94	112	81	44	40	69	47	11	135	106	298	119	*12183*
Kapolei	603	170	184	580	142	110	254	308	131	295	900	4461	435	439	61	65	52	40	28	39	25	12	388	73	168	349	*10311*
Makakilo	289	103	103	188	79	70	132	119	83	130	227	1714	237	161	25	28	22	18	17	23	14	3	128	43	100	43	*4101*
Waipahu-Waikele	755	196	285	748	143	138	272	351	227	991	874	1020	89	1922	497	375	174	33	30	40	32	16	58	80	304	116	*9765*
Waiawa	571	152	226	422	115	94	249	328	205	965	188	496	37	1063	887	726	378	25	28	39	33	27	32	55	229	92	*7663*
Mililani	751	184	205	167	134	115	281	274	169	491	88	289	16	600	594	1823	1161	26	28	36	45	64	25	59	289	69	*7985*
Wahiawa	392	126	130	122	92	71	159	163	103	210	46	155	10	244	194	947	1219	19	22	32	41	96	19	51	193	55	*4910*
East Honolulu	1503	428	813	762	1496	192	370	161	130	83	13	49	2	25	14	15	12	1576	31	195	19	5	10	259	557	341	*9062*
Kāneʻohe	1631	350	279	240	194	459	612	308	276	157	18	54	5	52	24	20	16	27	1980	685	148	8	10	71	328	130	*8081*
Kailua	2243	433	330	267	234	421	531	307	222	147	20	67	4	57	23	21	20	86	560	2305	42	6	14	83	360	155	*8956*
Koʻolau Loa	239	77	71	121	50	42	81	75	49	40	10	37	2	13	8	12	14	12	74	28	1103	47	5	24	76	59	*2368*
North Shore	310	119	115	115	77	68	149	116	87	85	20	73	4	75	50	155	255	19	25	26	283	708	11	44	135	64	*3191*
Waiʻanae	759	279	269	316	192	148	331	394	217	242	135	1562	103	215	53	62	54	46	48	70	21	10	2245	93	225	150	*8239*
Makiki-Mānoa	2460	871	1050	793	855	466	848	348	204	99	9	27	2	99	12	13	12	84	37	50	11	24	5	510	998	659	*10545*
UH Mānoa	303	107	156	118	168	44	85	27	23	11	2	3	0	51	1	1	2	21	3	4	1	0	1	71	14	103	*1320*
Ala Moana Center	136	107	100	124	43	19	49	9	10	6	1	1	0	1	1	1	0	4	2	3	0	0	0	21	18	0	*657*
Total	*35158*	*12467*	*13297*	*13462*	*13028*	*8444*	*15332*	*12454*	*8263*	*10425*	*5281*	*14071*	*1184*	*8259*	*3234*	*4794*	*3760*	*3818*	*3571*	*4675*	*2122*	*1278*	*3167*	*4490*	*8509*	*11801*	*226343*

Table 3-5. Peak Period Transit Trips (Production to Attraction Format)—2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	525	434	591	423	317	431	601	327	298	127	6	19	2	36	12	12	7	42	52	48	10	2	2	138	219	270	*4950*
Kakaʻako	1146	318	559	643	487	389	736	242	193	92	5	20	1	24	9	9	5	45	29	36	3	1	5	211	281	228	*5717*
Mōʻiliʻili	2687	929	732	844	1105	405	837	301	212	121	6	23	1	30	11	10	7	154	43	38	13	9	0	345	408	429	*9700*
Waikīkī	2475	904	1068	959	1415	329	638	672	116	169	4	18	1	323	8	16	26	420	33	217	58	90	7	442	434	2471	*13313*
Kaimukī-Waiʻalae	1719	613	1159	1038	1237	216	396	143	124	53	5	11	1	11	11	7	4	267	15	40	4	0	2	360	448	369	*8252*
Palama-Liliha	2306	658	473	296	227	1046	1428	513	487	206	10	29	4	71	15	14	15	26	88	72	11	2	2	141	188	217	*8545*
Kalihi-Iwilei	936	437	316	216	166	493	525	437	392	185	6	31	2	38	16	12	9	23	31	29	6	1	0	72	116	160	*4657*
Airport-Pearl Harbor	253	57	47	75	136	140	234	443	214	161	4	14	0	71	25	6	6	3	6	14	2	3	1	9	48	47	*2019*
Salt Lake-Āliamanu	1016	594	190	127	122	284	638	834	1108	612	12	39	0	127	44	23	13	13	41	40	12	3	6	44	235	84	*6261*
Pearl City-ʻAiea	783	193	154	125	102	164	483	899	657	1978	87	257	11	703	309	163	88	17	53	37	15	6	17	41	332	68	*7742*
ʻEwa	701	227	206	534	137	136	224	217	139	348	1794	2188	131	537	58	70	53	39	23	38	38	9	105	86	228	73	*8338*
Kapolei	401	123	122	343	95	76	163	149	79	197	610	2633	287	289	38	45	35	25	17	21	20	8	298	47	123	173	*6417*
Makakilo	206	71	72	137	51	53	89	69	46	91	157	1069	183	102	18	16	17	11	12	15	9	2	108	30	82	24	*2739*
Waipahu-Waikele	549	135	212	562	105	102	172	191	137	576	668	661	68	1194	334	271	136	22	20	28	18	12	49	58	219	72	*6574*
Waiawa	407	97	166	314	74	65	160	184	119	564	133	333	28	670	572	522	280	16	18	21	19	18	25	37	158	58	*5059*
Mililani	527	122	143	109	83	81	196	169	104	304	68	196	12	374	406	1250	821	19	19	21	30	48	22	41	208	40	*5413*
Wahiawa	284	90	77	85	66	48	92	100	70	121	25	96	6	161	123	607	771	10	13	21	30	71	11	34	127	32	*3175*
East Honolulu	1082	294	567	533	977	139	254	109	83	51	9	28	0	17	9	10	10	1054	21	129	16	2	7	192	374	176	*6140*
Kāneʻohe	1180	238	196	168	138	338	427	218	182	106	13	28	3	32	16	11	10	19	1331	462	112	5	8	47	224	74	*5585*
Kailua	1591	298	231	176	152	313	368	207	156	96	14	38	2	40	14	13	9	58	374	1539	28	6	6	52	242	85	*6109*
Koʻolau Loa	165	46	51	71	27	30	52	39	28	19	5	16	2	7	5	9	6	7	46	15	769	30	2	15	54	30	*1546*
North Shore	217	76	81	72	50	49	95	66	47	49	11	36	3	46	37	104	169	10	16	16	217	468	5	30	88	32	*2090*
Waiʻanae	529	193	169	197	115	92	210	231	123	128	88	968	58	147	33	41	37	26	33	30	12	6	1645	61	157	83	*5412*
Makiki-Mānoa	1722	574	703	559	562	341	566	210	142	66	5	14	1	50	7	11	6	54	28	27	8	12	3	355	651	326	*7002*
UH Mānoa	199	63	91	73	88	23	54	15	16	7	2	3	0	26	0	0	0	11	2	2	0	0	0	42	7	47	*771*
Ala Moana Center	73	49	53	72	20	8	29	6	6	3	0	0	0	1	0	0	0	1	1	1	0	0	0	9	9	0	*339*
Total	*23678*	*7829*	*8428*	*8754*	*8055*	*5794*	*9664*	*6991*	*5278*	*6430*	*3750*	*8768*	*805*	*5129*	*2130*	*3251*	*2541*	*2390*	*2364*	*2957*	*1460*	*814*	*2336*	*2938*	*5659*	*5670*	*143863*

Table 3-6. Off-Peak Period Transit Trips (Production to Attraction Format)—2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	445	351	413	232	203	248	457	192	165	77	6	16	0	17	5	8	6	19	22	47	3	1	2	95	131	311	*3468*
Kakaʻako	579	252	350	318	246	172	374	134	85	37	1	10	0	14	6	4	4	24	18	22	6	1	2	88	139	293	*3179*
Mōʻiliʻili	1228	520	464	473	662	210	404	210	114	57	2	13	2	15	8	5	8	67	19	25	6	12	5	156	232	477	*5396*
Waikīkī	1813	609	944	937	1264	261	511	1328	60	168	4	16	1	377	4	16	26	439	34	230	76	96	13	371	293	2977	*12869*
Kaimukī-Waiʻalae	725	298	567	521	641	107	205	64	41	34	3	16	1	15	2	4	3	111	9	38	8	0	2	166	245	371	*4198*
Palama-Liliha	1095	367	272	144	144	329	816	333	287	112	2	26	0	45	11	8	1	19	38	37	6	2	1	72	99	209	*4475*
Kalihi-Iwilei	554	245	186	97	78	210	450	311	246	116	2	13	0	18	8	6	5	30	26	17	0	1	4	42	58	138	*2861*
Airport-Pearl Harbor	165	40	35	66	143	144	209	416	163	144	3	7	2	32	15	8	2	5	9	6	3	3	2	8	29	54	*1715*
Salt Lake-Āliamanu	457	543	104	55	63	142	393	500	541	368	8	31	4	42	18	11	9	6	21	16	5	1	2	22	125	68	*3555*
Pearl City-ʻAiea	349	83	77	57	49	86	254	483	405	1141	43	130	10	362	160	79	41	10	29	23	9	6	7	24	158	59	*4135*
ʻEwa	256	95	76	196	70	41	116	167	80	164	717	1134	65	332	36	41	28	5	18	31	9	2	30	19	70	45	*3845*
Kapolei	202	47	62	237	47	33	91	159	51	98	290	1828	148	150	23	20	17	15	11	18	6	4	90	26	45	175	*3894*
Makakilo	83	32	31	52	28	17	43	50	37	38	70	645	54	58	7	12	6	7	5	8	5	2	20	13	18	19	*1362*
Waipahu-Waikele	205	60	73	186	37	36	100	159	90	415	206	359	22	728	163	105	39	11	10	12	14	3	9	22	84	43	*3191*
Waiawa	164	55	60	107	40	30	89	144	86	401	54	163	9	393	315	203	98	9	11	17	14	9	7	19	71	34	*2604*
Mililani	224	62	62	58	51	35	86	105	65	187	20	93	4	226	188	573	340	8	9	16	15	16	3	18	81	29	*2573*
Wahiawa	108	37	52	37	26	23	66	63	33	89	21	59	3	83	70	339	447	9	9	10	12	25	8	17	65	23	*1735*
East Honolulu	421	134	247	229	519	53	117	52	48	32	3	22	2	8	5	6	2	522	10	66	3	3	3	67	184	165	*2923*
Kāneʻohe	451	112	82	72	56	121	185	90	93	51	5	26	3	20	9	10	6	8	649	222	36	3	2	24	104	56	*2496*
Kailua	652	135	99	90	81	108	163	100	65	51	6	29	2	17	9	8	11	28	186	766	14	0	8	30	119	70	*2848*
Koʻolau Loa	74	31	20	49	24	12	30	35	21	21	4	21	1	7	3	3	8	5	28	13	334	17	3	9	21	28	*822*
North Shore	93	43	34	43	27	19	55	50	40	37	9	37	1	29	13	51	86	9	9	10	66	240	6	14	47	31	*1100*
Waiʻanae	230	87	100	119	77	56	121	163	94	115	47	593	44	68	20	20	17	20	16	40	9	4	599	33	68	67	*2826*
Makiki-Mānoa	738	298	347	234	293	125	282	138	63	33	4	13	1	49	5	2	5	31	9	23	3	12	2	155	347	333	*3543*
UH Mānoa	105	44	65	45	79	20	31	12	7	4	0	0	0	26	1	1	2	10	2	2	1	0	1	29	7	56	*549*
Ala Moana Center	64	58	47	53	23	11	20	4	4	3	1	0	0	0	0	1	0	3	1	2	0	0	0	12	9	0	*315*
Total	*11480*	*4638*	*4869*	*4708*	*4973*	*2649*	*5668*	*5463*	*2985*	*3995*	*1531*	*5301*	*379*	*3130*	*1103*	*1543*	*1219*	*1428*	*1207*	*1718*	*662*	*461*	*831*	*1552*	*2850*	*6131*	*82475*

Table 3-7. To and From Work Transit Trips (Production to Attraction Format)—2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	479	393	531	466	212	275	537	364	307	148	5	20	0	29	13	16	8	32	48	64	3	1	1	99	54	221	4325
Kakaʻako	1217	292	527	751	314	299	684	285	222	109	5	15	0	17	13	8	7	41	33	46	1	1	2	131	85	173	5279
Mōʻiliʻili	2763	977	720	813	671	371	790	309	265	132	4	20	1	18	16	11	12	102	37	49	3	1	2	192	120	344	8742
Waikīkī	1622	787	641	454	450	192	396	147	116	58	3	8	0	11	8	7	4	60	17	25	2	1	0	148	93	303	5555
Kaimukī-Waiʻalae	1822	634	954	1129	597	165	361	154	114	59	4	9	1	10	9	6	3	128	15	22	1	0	1	154	146	293	6792
Palama-Liliha	2267	600	411	307	112	352	1021	481	410	199	8	23	1	30	18	14	12	19	64	71	4	2	2	67	43	146	6683
Kalihi-Iwilei	953	411	313	235	93	242	421	472	348	188	5	24	1	27	18	12	10	13	33	30	2	1	2	42	35	138	4068
Airport-Pearl Harbor	221	54	37	35	10	38	174	265	145	122	4	9	0	57	32	8	4	1	6	5	1	0	1	5	7	25	1265
Salt Lake-Āliamanu	930	231	166	124	50	173	456	706	685	428	10	31	2	72	44	21	14	6	29	29	2	1	2	22	26	65	4326
Pearl City-ʻAiea	734	170	132	118	35	99	378	809	457	1232	79	228	11	404	245	154	92	7	31	28	3	7	10	17	48	49	5578
ʻEwa	733	212	174	643	70	63	191	162	80	176	749	1617	85	274	42	66	51	13	14	19	5	5	77	22	123	63	5728
Kapolei	355	99	95	258	37	38	125	103	53	114	360	2165	164	196	34	42	34	7	8	9	3	3	172	13	64	37	4589
Makakilo	212	57	54	152	22	22	69	49	29	44	111	805	70	67	11	16	12	4	4	5	1	1	47	7	37	19	1928
Waipahu-Waikele	558	115	196	695	39	41	118	153	72	301	249	518	32	569	193	182	108	7	9	12	4	10	18	13	64	73	4350
Waiawa	404	78	151	364	27	32	107	153	74	378	88	268	17	415	324	326	204	5	9	9	4	17	10	11	56	51	3581
Mililani	466	123	117	122	42	48	141	161	80	278	57	162	9	207	231	729	521	7	10	12	9	47	10	15	87	33	3727
Wahiawa	262	72	68	73	24	28	73	86	44	137	28	87	5	89	98	438	447	5	6	8	10	59	6	14	54	23	2243
East Honolulu	1155	300	475	558	451	100	219	110	76	46	3	11	0	7	6	6	3	365	16	81	4	1	1	78	119	125	4316
Kāneʻohe	1220	259	189	162	57	219	369	223	177	96	5	18	1	18	14	12	8	11	560	267	41	4	1	25	45	59	4058
Kailua	1559	316	233	203	78	217	328	218	157	97	7	21	1	18	14	11	10	45	255	718	9	2	2	34	55	73	4681
Koʻolau Loa	163	42	36	43	14	19	37	27	20	11	1	4	0	3	3	4	5	3	40	10	425	25	0	4	25	12	976
North Shore	219	62	56	60	19	22	69	45	27	37	6	19	0	26	30	81	125	4	8	4	113	223	1	8	41	18	1322
Waiʻanae	545	149	135	169	56	54	154	173	81	74	65	811	40	110	26	33	29	9	12	13	2	2	438	19	98	51	3348
Makiki-Mānoa	1773	599	573	621	313	230	462	190	154	74	4	10	0	11	9	11	4	40	26	36	2	1	0	134	104	222	5604
UH Mānoa	188	66	87	79	54	22	46	21	15	7	1	1	0	3	0	1	1	9	2	3	0	0	0	21	3	42	674
Ala Moana Center	82	52	51	84	25	13	36	7	6	3	0	1	0	1	0	0	0	3	1	2	0	0	0	11	8	0	389
Total	*22904*	*7151*	*7120*	*8718*	*3873*	*3373*	*7763*	*5873*	*4213*	*4547*	*1861*	*6905*	*445*	*2688*	*1451*	*2213*	*1731*	*947*	*1294*	*1576*	*653*	*415*	*807*	*1306*	*1641*	*2660*	*104128*

Table 3-8. While at Work Transit Trips (Production to Attraction Format)—2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	362	170	166	81	61	102	201	37	45	24	1	2	0	4	2	2	1	5	6	13	0	0	0	21	20	109	*1434*
Kakaʻako	169	146	136	70	34	30	59	10	11	6	0	1	0	2	0	0	0	2	1	2	0	0	0	12	14	86	*793*
Mōʻiliʻili	177	128	176	121	80	29	38	8	11	5	0	1	0	1	1	1	0	6	1	2	0	0	0	25	35	100	*947*
Waikīkī	81	83	119	147	77	9	17	5	4	2	0	1	0	1	0	0	0	4	1	1	0	0	0	13	20	92	*678*
Kaimukī-Waiʻalae	67	30	87	78	162	12	16	4	4	3	0	0	0	0	0	0	0	23	0	1	0	0	0	18	36	33	*576*
Palama-Liliha	111	38	23	11	10	52	73	18	23	9	0	0	0	1	1	1	0	1	4	4	0	0	0	3	5	17	*406*
Kalihi-Iwilei	223	63	42	15	18	63	261	85	63	30	1	2	0	3	2	2	1	2	3	3	0	0	0	3	7	28	*920*
Airport-Pearl Harbor	62	17	13	8	5	22	117	126	82	59	1	2	0	6	3	2	1	1	3	1	0	0	0	2	2	9	*543*
Salt Lake-Āliamanu	53	11	11	5	5	20	62	104	91	81	1	2	0	7	2	2	1	1	2	1	0	0	0	1	2	8	*471*
Pearl City-ʻAiea	20	6	6	2	3	6	23	96	82	316	6	14	1	81	36	15	5	0	1	1	0	0	1	0	1	3	*725*
ʻEwa	1	0	0	0	0	0	1	1	1	8	86	83	4	36	2	1	0	0	0	0	0	0	0	0	0	0	*226*
Kapolei	2	1	1	1	0	1	1	2	2	16	88	685	40	43	2	2	1	0	0	0	0	0	6	0	0	1	*897*
Makakilo	0	0	0	0	0	0	0	0	0	1	2	35	3	3	0	0	1	0	0	0	0	0	1	0	0	0	*46*
Waipahu-Waikele	4	2	1	1	0	1	4	7	7	95	31	41	2	145	29	16	5	0	0	0	0	0	1	0	0	0	*394*
Waiawa	2	1	1	0	0	0	2	3	2	34	1	4	0	35	19	21	10	0	0	0	0	1	0	0	0	0	*137*
Mililani	2	1	0	0	0	1	1	2	2	17	1	1	0	18	22	72	53	0	0	0	0	1	0	0	0	0	*196*
Wahiawa	1	0	0	0	0	0	1	1	1	6	0	1	0	4	8	52	105	0	0	0	0	3	0	0	0	0	*184*
East Honolulu	9	2	8	6	26	1	1	0	0	0	0	0	0	0	0	0	0	49	0	1	0	0	0	1	2	3	*109*
Kāneʻohe	7	2	2	1	1	4	4	3	2	1	0	0	0	0	0	0	0	0	114	16	0	0	0	0	0	1	*157*
Kailua	15	3	2	1	1	3	3	1	2	1	0	0	0	0	0	0	0	1	15	144	0	0	0	1	0	2	*196*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	1	0	0	0	0	*40*
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	1	22	0	0	0	0	*29*
Waiʻanae	1	0	0	0	1	0	0	0	0	1	0	9	1	2	0	0	0	0	0	0	0	0	37	0	0	0	*53*
Makiki-Mānoa	27	15	32	11	17	5	9	2	2	1	0	0	0	0	0	0	0	1	1	0	0	0	0	9	14	10	*157*
UH Mānoa	28	13	30	17	29	6	9	1	2	1	0	1	0	0	0	0	0	1	0	0	0	0	0	16	6	17	*176*
Ala Moana Center	44	43	36	31	11	3	9	1	2	2	0	0	0	0	0	0	0	1	0	0	0	0	0	5	6	0	*197*
Total	*1470*	*775*	*891*	*609*	*542*	*370*	*913*	*519*	*439*	*719*	*221*	*885*	*50*	*394*	*131*	*191*	*187*	*97*	*153*	*192*	*39*	*29*	*49*	*130*	*169*	*520*	*10687*

Table 3-9. To and From School/University Transit Trips (Production to Attraction Format)—2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	15	45	42	2	120	155	82	5	13	4	1	6	0	15	0	0	0	7	11	2	6	0	0	55	246	0	*833*
Kakaʻako	175	23	80	3	268	121	215	2	7	2	0	7	0	15	0	0	0	14	9	1	5	0	0	101	283	0	*1332*
Mōʻiliʻili	351	57	85	10	612	77	189	3	3	2	0	5	0	21	0	0	0	43	9	0	7	0	0	138	384	0	*1995*
Waikīkī	154	27	73	10	401	22	74	1	1	1	0	5	0	8	0	0	0	15	5	0	3	0	0	67	345	0	*1211*
Kaimukī-Waiʻalae	142	29	228	28	575	44	72	2	3	1	0	5	0	11	0	0	0	120	4	1	5	0	0	171	360	0	*1802*
Palama-Liliha	253	33	26	0	123	617	397	28	64	25	0	15	0	37	1	0	1	6	28	6	11	0	0	46	199	0	*1917*
Kalihi-Iwilei	78	53	24	1	64	261	77	27	61	22	0	11	0	20	1	0	0	5	10	2	3	0	0	32	109	0	*860*
Airport-Pearl Harbor	33	1	1	0	11	11	27	31	56	37	0	5	0	18	1	0	0	1	3	0	1	0	0	1	63	0	*302*
Salt Lake-Āliamanu	183	8	10	1	80	92	168	104	402	174	1	20	0	66	4	2	1	3	15	4	11	0	1	10	313	0	*1669*
Pearl City-ʻAiea	140	6	10	1	63	29	106	66	126	670	13	76	3	388	76	24	10	4	12	4	16	1	5	12	425	0	*2284*
ʻEwa	91	22	34	3	79	57	51	14	18	93	932	675	50	190	8	9	7	14	7	6	30	1	38	46	154	0	*2629*
Kapolei	41	12	20	3	42	33	30	10	10	58	237	448	126	99	5	4	4	8	3	4	15	1	162	27	78	0	*1480*
Makakilo	26	9	14	1	30	23	19	5	8	32	49	231	101	39	2	2	2	5	3	3	8	0	60	19	54	0	*745*
Waipahu-Waikele	72	21	31	3	67	53	44	14	17	75	423	215	31	469	123	100	34	13	7	6	19	2	27	42	230	0	*2141*
Waiawa	56	7	12	1	45	18	39	6	7	73	57	98	10	239	193	192	85	5	4	2	20	3	11	15	157	0	*1354*
Mililani	90	10	15	1	56	24	55	5	7	20	9	68	2	219	147	498	266	6	7	3	26	8	8	20	188	0	*1758*
Wahiawa	33	5	9	1	29	13	24	3	4	5	3	24	1	74	23	120	237	4	2	1	23	15	7	11	125	0	*799*
East Honolulu	112	17	97	7	473	37	54	3	5	5	1	5	0	10	1	1	1	557	4	33	11	0	3	85	346	0	*1870*
Kāneʻohe	172	10	12	8	88	118	92	8	16	12	0	10	0	20	1	1	1	5	693	172	87	0	3	16	270	0	*1815*
Kailua	207	9	13	1	104	103	95	5	8	8	0	14	0	27	0	0	1	12	142	639	25	0	3	16	287	0	*1719*
Koʻolau Loa	11	1	2	0	8	4	4	1	1	1	0	1	0	2	0	0	0	1	5	1	354	1	0	3	41	0	*443*
North Shore	19	6	9	1	21	17	18	5	5	4	1	5	0	17	2	16	34	4	2	2	119	206	2	14	78	0	*605*
Waiʻanae	43	8	13	1	42	21	30	5	8	6	8	118	12	50	1	2	2	5	3	2	7	0	1050	17	93	0	*1547*
Makiki-Mānoa	201	27	111	5	280	103	139	2	4	1	0	6	0	12	0	0	0	19	6	1	8	0	0	195	776	0	*1896*
UH Mānoa	13	2	6	1	36	4	7	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	14	1	0	*91*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*2711*	*447*	*977*	*94*	*3717*	*2054*	*2108*	*354*	*852*	*1330*	*1736*	*2072*	*337*	*2068*	*590*	*971*	*687*	*878*	*995*	*897*	*819*	*240*	*1382*	*1173*	*5605*	*0*	*35096*

Table 3-10. To and From Shopping/Other Transit Trips (Production to Attraction Format)—2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	56	135	146	76	99	116	200	57	86	20	3	5	1	4	1	1	3	13	6	12	3	0	1	46	24	205	*1320*
Kakaʻako	124	66	119	121	101	82	134	29	34	10	1	5	0	3	0	4	1	10	3	7	1	1	2	47	31	180	*1117*
Mōʻiliʻili	492	246	153	144	319	118	190	33	43	19	3	9	1	5	1	2	3	44	7	10	3	0	3	111	74	384	*2414*
Waikīkī	688	404	426	155	442	67	120	28	33	15	3	18	1	4	3	2	4	27	4	6	2	2	2	125	95	736	*3414*
Kaimukī-Waiʻalae	391	201	417	294	457	94	140	38	38	21	3	11	1	4	4	3	3	85	4	9	5	2	1	166	131	389	*2913*
Palama-Liliha	730	336	267	117	119	323	652	200	252	77	3	15	2	11	5	6	3	18	27	25	3	1	1	91	38	252	*3574*
Kalihi-Iwilei	189	129	108	55	60	104	132	106	126	36	1	6	0	4	2	2	2	6	8	8	0	1	0	32	21	113	*1250*
Airport-Pearl Harbor	46	16	14	10	6	20	67	99	60	59	1	3	1	5	1	2	2	1	2	3	0	0	1	5	3	12	*439*
Salt Lake-Āliamanu	292	100	82	49	45	128	317	361	412	263	7	14	1	16	8	7	6	8	14	14	3	2	3	30	18	74	*2274*
Pearl City-ʻAiea	226	90	80	55	47	96	216	345	358	733	25	57	5	144	88	38	18	14	14	25	4	3	6	34	15	64	*2799*
ʻEwa	129	86	73	81	56	56	97	161	117	226	679	895	53	343	40	35	22	17	18	39	11	4	18	37	21	52	*3366*
Kapolei	77	48	46	51	36	32	62	81	62	79	161	839	79	76	16	13	11	13	14	23	7	3	39	23	18	30	*1941*
Makakilo	49	37	35	34	27	25	43	59	46	51	62	616	59	48	11	10	7	9	10	15	4	1	19	17	9	24	*1329*
Waipahu-Waikele	118	56	56	47	36	43	103	149	124	463	145	222	22	410	133	64	24	12	12	21	8	3	10	24	8	40	*2351*
Waiawa	108	66	62	55	41	43	100	134	120	458	38	121	9	353	334	171	74	15	15	26	9	5	10	30	16	41	*2453*
Mililani	192	49	50	43	35	36	81	91	78	168	20	55	4	142	177	478	293	12	9	20	8	7	6	23	13	34	*2126*
Wahiawa	93	48	51	43	38	30	59	60	52	59	13	42	4	47	60	308	390	10	13	22	7	16	5	25	13	28	*1537*
East Honolulu	218	106	224	155	501	53	93	40	47	31	8	31	1	7	7	9	7	518	10	42	3	2	5	82	87	199	*2485*
Kāneʻohe	219	77	73	50	45	115	142	67	78	45	11	24	4	12	9	7	6	10	532	193	14	1	5	28	12	62	*1841*
Kailua	452	93	79	52	48	93	101	53	52	38	11	28	3	10	7	8	8	25	132	704	6	3	7	30	17	73	*2134*
Koʻolau Loa	39	31	28	26	23	19	35	31	27	25	8	31	2	8	5	7	8	7	21	17	242	5	4	15	8	21	*692*
North Shore	67	50	49	45	35	29	61	54	54	43	13	49	3	15	17	55	92	11	15	19	46	235	7	22	16	39	*1140*
Waiʻanae	155	121	118	111	92	71	141	131	127	101	60	611	49	52	26	26	22	31	32	53	11	7	657	56	33	80	*2971*
Makiki-Mānoa	442	218	237	143	231	119	191	43	42	21	4	7	2	2	3	2	2	22	4	12	2	1	4	158	95	400	*2407*
UH Mānoa	64	19	22	14	31	9	19	3	4	1	1	0	0	1	0	0	0	5	0	0	1	0	1	11	1	33	*240*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*5654*	*2826*	*3015*	*2029*	*2970*	*1919*	*3497*	*2455*	*2475*	*3063*	*1282*	*3715*	*308*	*1725*	*956*	*1259*	*1010*	*942*	*925*	*1326*	*404*	*305*	*815*	*1271*	*815*	*3565*	*50526*

Table 3-11. Do not originate/end at Work/Home Transit Trips (Production to Attraction Format)—2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	57	43	28	10	17	31	37	7	11	6	1	2	0	1	1	1	1	3	2	3	1	1	1	9	5	32	*311*
Kakaʻako	39	42	47	17	15	17	18	3	5	3	1	1	0	1	0	1	1	2	1	1	0	0	1	9	6	82	*314*
Mōʻiliʻili	36	33	58	30	37	16	15	3	5	3	1	2	0	1	1	1	1	5	1	1	1	1	1	18	15	68	*355*
Waikīkī	13	22	26	56	28	4	5	2	2	2	1	1	0	1	1	1	1	3	1	1	0	0	1	7	7	36	*223*
Kaimukī-Waiʻalae	22	17	39	31	87	8	11	3	5	3	1	2	0	1	1	1	1	21	1	2	1	1	1	17	20	24	*320*
Palama-Liliha	39	19	12	5	7	31	45	10	17	8	1	2	0	1	1	1	1	1	3	3	0	0	1	5	2	11	*226*
Kalihi-Iwilei	48	26	14	5	10	33	84	31	31	25	1	3	0	3	1	1	1	2	3	2	1	1	1	5	3	15	*349*
Airport-Pearl Harbor	12	6	4	2	3	11	36	32	34	15	2	3	0	7	4	2	1	1	2	10	1	1	1	2	1	4	*194*
Salt Lake-Āliamanu	15	7	5	3	5	14	28	44	54	35	2	3	1	8	4	2	1	1	2	8	1	1	1	2	1	5	*253*
Pearl City-ʻAiea	8	4	3	2	3	7	13	25	40	157	7	12	1	49	23	11	4	1	2	2	1	1	2	1	1	4	*386*
ʻEwa	2	1	1	1	1	1	2	2	2	9	66	52	3	26	3	2	1	1	1	1	1	1	2	1	0	2	*183*
Kapolei	3	2	2	2	2	2	3	4	4	12	55	260	25	25	4	3	2	1	2	2	1	1	9	1	1	2	*429*
Makakilo	1	0	0	0	0	0	0	1	1	1	3	24	4	3	0	0	0	0	0	0	0	0	1	0	0	1	*43*
Waipahu-Waikele	2	2	1	1	1	1	3	6	6	56	25	24	3	73	19	13	4	1	1	1	1	1	2	1	0	2	*250*
Waiawa	1	1	1	1	1	1	2	3	3	22	3	5	1	22	17	16	5	1	1	1	0	1	1	0	0	1	*108*
Mililani	2	1	1	1	1	1	2	3	3	9	2	3	0	13	16	46	29	1	1	1	1	2	1	1	0	1	*139*
Wahiawa	1	1	1	1	1	1	1	1	2	3	1	2	0	4	5	29	39	1	1	1	1	2	1	0	0	1	*99*
East Honolulu	4	3	5	3	21	2	2	1	2	1	1	2	0	1	1	1	1	41	1	2	0	0	1	2	3	3	*103*
Kāneʻohe	3	2	1	1	1	4	3	2	3	3	1	2	0	1	1	1	1	1	70	12	1	1	1	1	0	1	*117*
Kailua	6	3	2	2	2	4	3	2	3	3	2	3	1	2	1	1	1	2	16	81	1	1	2	1	1	2	*149*
Koʻolau Loa	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	18	1	0	0	0	1	*35*
North Shore	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	2	0	1	1	1	14	0	0	0	1	*32*
Waiʻanae	1	1	1	1	1	1	1	1	2	2	2	10	1	2	1	1	1	1	1	1	0	0	38	0	0	1	*72*
Makiki-Mānoa	15	12	19	7	13	10	7	2	3	1	1	1	0	1	0	0	0	2	1	1	0	0	0	13	9	21	*137*
UH Mānoa	10	7	13	7	17	3	5	1	2	1	0	1	0	0	0	0	0	2	0	0	0	0	0	10	3	10	*94*
Ala Moana Center	10	12	14	9	6	3	4	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	4	3	0	*72*
Total	*353*	*267*	*299*	*198*	*283*	*206*	*330*	*193*	*241*	*383*	*181*	*420*	*44*	*246*	*105*	*136*	*98*	*96*	*117*	*140*	*33*	*30*	*70*	*112*	*82*	*330*	*4993*

Table 3-12. Ground Access Air Passenger Transit Trips (Production to Attraction Format)—2030 No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*36*
Kakaʻako	0	0	0	0	0	0	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*46*
Mōʻiliʻili	0	0	0	0	0	0	0	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*77*
Waikīkī	0	0	0	0	0	0	0	640	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*640*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*6*
Palama-Liliha	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*27*
Kalihi-Iwilei	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*27*
Airport-Pearl Harbor	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*12*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*16*
Pearl City-ʻAiea	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*36*
ʻEwa	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*43*
Kapolei	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*59*
Makakilo	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*6*
Waipahu-Waikele	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*22*
Waiawa	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*30*
Mililani	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*12*
Wahiawa	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*10*
East Honolulu	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*5*
Kāneʻohe	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*3*
Kailua	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*25*
Koʻolau Loa	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*8*
North Shore	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*4*
Waiʻanae	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*13*
Makiki-Mānoa	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*27*
UH Mānoa	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1191*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1191*

Table 3-13. Visitor Transit Trips (Production to Attraction Format)—2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	92	20	11	0	2	13	0	1	0	0	0	0	0	0	0	1	0	0	1	1	0	4	1	14	*160*
Kakaʻako	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	*15*
Mōʻiliʻili	97	7	4	197	48	4	19	76	0	17	0	0	0	0	0	0	0	20	7	0	7	20	0	17	12	11	*566*
Waikīkī	1730	188	727	1074	1280	297	539	1177	19	260	0	0	0	676	0	23	43	749	40	414	127	181	17	453	167	4281	*14462*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	0	0	0	0	0	0	*44*
Palama-Liliha	0	0	5	0	0	0	56	82	8	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	*187*
Kalihi-Iwilei	0	0	0	3	0	0	0	1	10	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	3	*44*
Airport-Pearl Harbor	44	3	13	87	244	183	21	292	0	13	0	0	0	10	0	0	0	3	0	0	2	4	0	3	3	53	*978*
Salt Lake-Āliamanu	0	780	21	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*808*
Pearl City-ʻAiea	3	0	0	5	1	14	1	4	0	11	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	7	*69*
ʻEwa	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	*7*
Kapolei	126	8	19	267	24	4	33	49	0	16	0	63	0	0	0	0	0	11	0	0	0	4	0	8	8	277	*916*
Makakilo	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*4*
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	0	0	0	0	256	0	0	0	0	0	0	0	0	0	0	0	0	*256*
Waiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mililani	0	0	22	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*27*
Wahiawa	2	0	0	3	0	0	0	1	0	0	0	0	0	25	0	0	0	0	0	0	0	1	0	0	0	3	*38*
East Honolulu	5	0	5	32	24	0	1	2	0	1	0	0	0	0	0	0	0	46	0	36	0	0	0	11	1	11	*174*
Kāneʻohe	10	1	1	19	2	0	2	2	0	1	0	0	0	0	0	0	0	1	12	25	5	2	0	0	1	8	*90*
Kailua	4	9	1	8	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	4	*52*
Koʻolau Loa	25	2	4	50	4	1	4	6	0	2	0	0	0	1	0	0	0	0	7	0	27	13	0	1	2	25	*174*
North Shore	4	0	1	8	1	0	1	7	0	1	0	0	0	16	0	0	0	0	0	0	4	9	0	0	0	6	*58*
Waiʻanae	15	1	2	34	2	0	4	70	0	59	0	3	0	0	0	0	0	0	0	0	0	0	25	1	1	18	*234*
Makiki-Mānoa	2	0	77	6	1	0	39	82	0	0	0	3	0	73	0	0	5	1	0	0	0	22	0	0	0	5	*316*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	*45*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*2066*	*1001*	*995*	*1814*	*1642*	*522*	*721*	*1869*	*43*	*383*	*0*	*73*	*0*	*1138*	*0*	*23*	*48*	*858*	*87*	*543*	*173*	*258*	*45*	*499*	*196*	*4726*	*19723*

Table 3-14. A.M. Peak Two-Hour Transit Trips (Origin to Destination Format)—2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	154	141	199	144	114	149	187	99	95	49	11	11	5	14	10	11	6	24	29	32	5	6	5	57	76	73	*1706*
Kakaʻako	339	90	173	196	153	126	217	76	53	29	4	7	2	10	3	3	2	14	10	19	0	2	7	66	85	50	*1736*
Mōʻiliʻili	792	269	195	242	318	119	241	87	65	33	5	8	2	12	6	6	5	48	14	10	3	4	2	106	122	101	*2815*
Waikīkī	587	231	245	203	310	76	151	122	32	32	9	7	3	61	6	6	5	74	5	42	11	14	4	99	116	409	*2860*
Kaimukī-Waiʻalae	495	182	322	306	314	62	117	43	24	17	5	2	3	5	1	2	1	86	9	9	3	0	3	104	136	93	*2344*
Palama-Liliha	656	179	126	86	62	274	392	146	127	58	6	12	1	20	4	4	4	13	25	18	4	0	3	37	54	48	*2359*
Kalihi-Iwilei	281	134	89	66	53	164	151	135	113	61	6	9	2	10	5	7	5	6	11	14	2	2	5	29	28	43	*1431*
Airport-Pearl Harbor	78	16	13	19	27	33	70	112	73	59	4	3	2	20	11	5	5	0	6	6	0	3	3	4	14	12	*598*
Salt Lake-Āliamanu	284	123	55	35	28	84	178	229	313	175	3	15	2	33	16	9	3	9	12	14	5	4	1	17	72	19	*1738*
Pearl City-ʻAiea	220	52	38	34	35	39	137	254	181	562	25	78	0	208	99	53	25	7	9	15	6	3	8	15	93	21	*2217*
ʻEwa	215	58	59	163	40	35	67	60	31	85	500	606	44	146	19	15	19	10	5	10	10	0	31	21	65	20	*2334*
Kapolei	112	30	34	81	23	20	42	37	20	59	194	784	93	84	19	10	13	8	4	4	6	2	105	17	35	28	*1864*
Makakilo	62	16	23	42	13	12	27	17	15	24	47	287	47	28	7	5	4	2	0	4	3	0	30	5	24	6	*750*
Waipahu-Waikele	165	40	68	171	29	30	42	54	35	152	205	188	21	315	104	81	37	8	6	5	4	5	12	16	67	17	*1877*
Waiawa	118	25	41	94	22	15	43	51	28	146	36	93	7	187	152	146	79	2	5	4	6	7	7	9	52	19	*1394*
Mililani	154	31	40	36	22	23	54	48	26	92	24	53	4	106	120	359	233	5	5	4	9	15	6	11	70	10	*1560*
Wahiawa	79	21	28	24	12	14	25	32	16	40	6	29	3	46	37	177	222	2	3	3	9	19	7	9	40	3	*906*
East Honolulu	322	85	157	149	266	39	74	29	24	19	2	5	0	6	2	2	1	277	8	33	3	2	1	56	116	44	*1722*
Kāneʻohe	341	73	51	45	38	96	118	53	52	28	1	3	1	14	3	4	6	1	372	132	32	1	4	10	70	18	*1567*
Kailua	451	88	66	58	38	88	107	58	34	35	4	11	1	5	5	3	3	19	107	414	7	0	5	15	77	19	*1718*
Koʻolau Loa	47	12	10	17	6	6	14	11	6	3	1	2	0	1	1	1	3	3	12	5	224	9	2	4	12	7	*419*
North Shore	61	20	14	20	10	14	21	17	13	14	1	8	0	8	11	30	48	5	3	3	59	133	0	10	30	10	*563*
Waiʻanae	146	45	47	53	30	25	52	56	31	25	24	266	14	38	11	11	9	4	7	9	2	1	458	13	43	17	*1437*
Makiki-Mānoa	489	166	181	163	148	88	150	56	43	19	4	3	2	12	0	2	4	21	6	8	4	3	1	90	194	75	*1932*
UH Mānoa	58	18	29	24	27	9	14	3	8	4	2	1	1	5	2	1	2	6	2	2	0	1	3	15	3	14	*254*
Ala Moana Center	31	22	25	39	14	7	10	4	3	1	1	1	0	2	1	1	0	4	2	2	0	0	2	10	5	0	*187*
Total	*6737*	*2167*	*2328*	*2510*	*2152*	*1647*	*2701*	*1889*	*1461*	*1821*	*1130*	*2492*	*260*	*1396*	*655*	*954*	*744*	*658*	*677*	*821*	*417*	*236*	*715*	*845*	*1699*	*1176*	*40288*

Table 3-15. A.M. Peak Two-Hour Home Based Work Transit Trips (Origin to Destination Format)—2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	65	61	100	84	49	54	86	72	60	32	8	6	2	9	6	7	3	14	18	22	2	2	4	28	12	17	*823*
Kakaʻako	210	41	86	136	61	56	123	60	44	23	2	4	0	4	4	2	2	9	8	11	0	1	2	25	16	9	*940*
Mōʻiliʻili	538	176	115	140	122	70	151	64	55	29	3	5	0	5	4	3	3	22	8	12	1	0	1	34	21	30	*1613*
Waikīkī	307	137	104	64	78	37	77	30	24	12	7	4	1	8	5	2	2	13	4	7	1	1	1	25	17	23	*990*
Kaimukī-Waiʻalae	346	118	164	194	96	33	68	31	23	12	2	1	1	2	2	1	1	21	4	3	1	0	1	25	26	31	*1206*
Palama-Liliha	408	106	74	57	21	56	182	91	75	37	2	5	0	6	3	2	3	5	13	13	1	0	1	14	8	16	*1200*
Kalihi-Iwilei	140	67	54	40	17	38	56	78	57	31	3	5	1	6	4	3	3	4	8	8	0	1	1	9	7	10	*650*
Airport-Pearl Harbor	24	8	5	4	2	6	17	37	18	17	2	1	1	12	7	2	1	1	2	3	1	0	2	2	1	1	*177*
Salt Lake-Āliamanu	160	42	29	20	10	31	71	117	117	68	2	5	0	14	9	4	3	2	6	7	1	0	1	5	4	7	*736*
Pearl City-ʻAiea	133	30	24	20	6	18	68	144	80	188	13	39	2	66	42	26	15	1	7	5	0	1	2	4	8	5	*950*
ʻEwa	151	41	33	136	9	12	37	32	14	35	127	304	16	50	8	13	11	3	3	3	3	1	14	4	25	11	*1097*
Kapolei	65	17	17	49	7	7	19	18	10	22	63	358	29	33	7	9	8	1	2	1	0	1	32	3	9	3	*791*
Makakilo	41	10	11	33	4	4	13	11	5	9	21	157	12	12	2	3	3	0	1	1	0	0	9	1	7	3	*375*
Waipahu-Waikele	105	22	40	132	7	7	20	29	15	56	39	93	6	94	35	28	20	1	2	3	0	2	3	1	10	12	*782*
Waiawa	84	15	31	80	5	7	20	31	14	71	16	53	3	76	58	56	36	1	3	1	0	3	2	2	11	10	*691*
Mililani	87	21	20	22	6	9	28	30	15	52	11	30	2	36	38	125	89	1	3	2	2	9	2	3	16	3	*661*
Wahiawa	48	14	13	14	3	5	13	18	8	28	5	16	1	15	17	79	79	1	2	1	2	10	2	3	10	1	*408*
East Honolulu	230	61	88	100	79	20	44	25	14	8	1	3	0	3	2	2	0	55	3	15	1	0	0	16	22	16	*808*
Kāneʻohe	233	51	35	29	11	40	70	43	36	19	2	3	0	3	3	2	2	3	91	46	8	1	0	4	9	8	*752*
Kailua	278	60	45	38	13	41	63	44	29	20	2	4	0	3	3	3	2	8	44	121	2	1	0	6	11	9	*850*
Koʻolau Loa	33	8	7	9	2	3	8	6	4	2	0	1	0	0	1	1	1	1	8	2	76	5	1	1	4	2	*186*
North Shore	44	12	10	11	3	4	13	8	6	7	1	4	0	5	6	18	26	1	2	2	23	41	0	3	8	3	*260*
Waiʻanae	106	27	26	30	10	9	30	38	13	15	13	167	8	25	5	8	6	2	3	2	0	1	69	5	18	6	*641*
Makiki-Mānoa	340	115	100	117	59	43	89	41	30	16	1	2	0	2	2	2	1	8	5	8	0	0	0	22	19	25	*1049*
UH Mānoa	34	9	12	11	7	3	8	4	3	2	1	1	0	1	1	1	1	2	1	1	0	0	1	4	0	3	*111*
Ala Moana Center	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	*11*
Total	*4210*	*1268*	*1244*	*1571*	*691*	*615*	*1375*	*1104*	*769*	*812*	*348*	*1271*	*89*	*491*	*274*	*403*	*321*	*180*	*253*	*298*	*126*	*83*	*152*	*248*	*301*	*264*	*18760*

Table 3-16. Daily Total Transit Trips (Production to Attraction Format)—2030 TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	949	779	1001	652	526	673	1054	517	447	220	13	36	2	56	17	20	13	62	73	95	13	3	4	230	354	585	*8393*
Kakaʻako	1707	568	910	954	739	552	1101	376	268	140	8	32	1	39	15	13	10	72	46	57	8	3	8	306	423	520	*8877*
Mōʻiliʻili	3888	1463	1196	1337	1782	610	1235	511	316	194	9	38	3	47	19	16	17	225	61	62	19	20	6	517	648	910	*15147*
Waikīkī	4230	1499	1995	1872	2986	588	1137	1984	169	400	8	35	2	703	12	33	52	861	67	447	132	185	20	814	725	5436	*26393*
Kaimukī-Waiʻalae	2477	924	1746	1599	1947	327	609	211	160	98	9	30	2	28	14	11	8	389	25	79	12	3	3	532	703	746	*12693*
Palama-Liliha	3376	1022	740	438	375	1454	2233	843	763	350	14	60	4	119	27	23	17	46	125	109	18	4	4	212	291	427	*13094*
Kalihi-Iwilei	1493	683	503	312	248	692	1029	756	641	320	8	47	2	59	25	18	15	54	57	46	6	2	4	115	177	302	*7614*
Airport-Pearl Harbor	425	99	83	143	281	287	450	823	411	334	8	23	2	114	43	15	8	9	16	21	5	6	3	18	84	103	*3814*
Salt Lake-Āliamanu	1422	1121	284	173	180	418	1039	1609	1794	967	22	76	5	180	63	37	24	18	58	51	16	4	8	63	356	148	*10138*
Pearl City-ʻAiea	1290	310	261	204	177	276	827	1542	1155	3707	144	441	25	1179	495	265	139	30	89	68	27	14	27	71	585	141	*13490*
ʻEwa	1034	340	313	800	232	191	413	418	239	537	2692	3755	231	945	104	123	87	50	43	74	49	13	164	113	318	130	*13410*
Kapolei	653	181	201	660	155	115	288	359	141	317	1000	4646	456	489	70	75	58	45	30	41	28	13	408	77	187	392	*11085*
Makakilo	317	112	115	218	88	75	156	145	93	146	265	1816	239	192	31	35	26	20	19	25	17	4	141	46	116	49	*4506*
Waipahu-Waikele	804	207	306	809	154	144	280	370	236	1036	937	1128	102	2103	542	412	185	36	32	43	36	17	64	84	336	125	*10528*
Waiawa	639	166	253	522	128	99	264	342	213	933	200	540	42	1206	912	773	392	27	30	40	33	27	35	58	252	101	*8229*
Mililani	806	198	219	184	148	119	301	311	174	523	101	344	20	658	636	1874	1187	30	30	39	45	64	29	61	325	73	*8498*
Wahiawa	411	132	138	131	99	73	168	177	104	221	50	173	11	257	201	960	1225	21	23	32	41	96	22	52	220	58	*5096*
East Honolulu	1555	439	844	813	1534	194	383	171	127	96	14	54	3	28	15	16	12	1618	32	196	20	5	11	267	578	357	*9379*
Kāneʻohe	1629	348	277	237	196	456	614	309	257	178	19	59	6	55	26	22	17	28	1980	685	148	8	11	72	329	130	*8093*
Kailua	2240	431	328	263	236	418	527	307	205	167	22	73	5	61	24	22	21	88	560	2305	42	6	15	83	360	155	*8963*
Koʻolau Loa	239	76	71	119	51	42	82	75	45	43	10	39	2	14	8	12	14	12	74	28	1103	47	5	25	76	59	*2372*
North Shore	318	121	118	118	82	68	150	119	84	93	22	83	5	80	51	156	255	20	25	26	283	708	12	45	146	64	*3252*
Waiʻanae	804	291	282	335	206	152	354	427	227	262	148	1649	109	238	59	71	61	51	50	72	22	11	2439	97	252	158	*8826*
Makiki-Mānoa	2450	878	1090	830	865	463	846	343	199	109	9	29	2	100	13	14	12	88	37	50	11	24	5	519	1005	672	*10664*
UH Mānoa	304	110	159	124	169	44	86	27	22	11	2	3	0	51	1	1	2	22	3	4	1	0	1	73	14	104	*1338*
Ala Moana Center	132	105	98	124	43	18	48	9	9	6	1	2	0	1	1	1	0	5	2	2	0	0	0	21	18	0	*647*
Total	*35590*	*12607*	*13531*	*13970*	*13625*	*8546*	*15673*	*13083*	*8500*	*11410*	*5737*	*15210*	*1280*	*9001*	*3422*	*5020*	*3857*	*3927*	*3587*	*4696*	*2134*	*1287*	*3448*	*4573*	*8878*	*11945*	*234537*

Table 3-17. Peak Period Transit Trips (Production to Attraction Format)—2030 TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	519	430	587	422	313	427	599	332	280	137	6	22	2	35	10	13	9	39	52	52	9	2	2	141	226	277	*4944*
Kakaʻako	1133	319	560	640	481	386	731	238	184	106	6	19	0	23	13	7	6	48	28	37	5	1	4	212	285	227	*5700*
Mōʻiliʻili	2669	937	734	854	1118	398	825	298	219	124	6	25	2	31	13	10	10	150	35	40	15	10	2	366	414	433	*9739*
Waikīkī	2433	895	1051	940	1563	326	636	675	108	205	2	16	0	330	9	18	25	418	33	218	60	85	9	453	428	2476	*13410*
Kaimukī-Waiʻalae	1742	620	1169	1073	1263	225	387	154	113	57	2	19	0	18	7	7	3	272	16	36	7	1	0	379	447	369	*8385*
Palama-Liliha	2294	654	466	297	229	1106	1419	515	476	234	11	41	3	67	17	15	11	27	81	72	10	2	2	147	189	216	*8602*
Kalihi-Iwilei	948	432	318	216	161	477	560	442	389	187	7	31	0	41	14	12	9	27	36	28	5	2	4	75	119	158	*4700*
Airport-Pearl Harbor	254	58	46	76	137	142	242	436	228	182	4	12	0	78	30	5	4	5	9	14	2	1	3	8	54	51	*2083*
Salt Lake-Āliamanu	976	591	178	117	124	279	644	1009	1226	599	14	53	3	126	44	20	16	9	40	34	8	2	6	40	233	77	*6469*
Pearl City-ʻAiea	918	216	160	146	117	175	545	979	746	2347	85	294	15	775	332	181	90	20	51	41	15	12	17	45	391	77	*8788*
ʻEwa	770	236	225	598	164	133	274	244	160	356	1919	2498	162	571	67	83	64	33	24	47	36	12	131	87	239	83	*9215*
Kapolei	432	124	132	395	101	82	179	178	90	218	678	2776	311	314	47	51	38	26	15	25	19	9	319	55	127	192	*6933*
Makakilo	230	76	78	158	55	58	103	79	59	98	192	1154	178	135	19	20	21	13	12	16	12	3	116	34	93	32	*3045*
Waipahu-Waikele	591	145	228	609	100	114	174	215	143	594	712	722	75	1294	372	301	135	26	17	27	29	13	52	63	251	85	*7087*
Waiawa	462	101	176	394	83	68	168	189	125	556	142	365	24	772	584	544	292	16	19	22	19	17	29	43	179	70	*5457*
Mililani	562	147	149	123	95	89	205	167	110	329	69	240	15	404	435	1265	834	15	21	26	33	47	23	42	230	45	*5722*
Wahiawa	290	89	92	92	66	49	115	98	62	138	30	119	5	163	133	602	775	14	14	18	30	67	15	31	146	35	*3288*
East Honolulu	1111	301	595	567	995	133	279	114	83	57	6	27	1	22	11	12	7	1095	22	122	15	2	6	197	382	183	*6346*
Kāneʻohe	1177	235	196	165	139	336	429	224	170	111	12	34	3	35	18	12	11	19	1327	461	114	5	9	51	226	76	*5595*
Kailua	1595	298	227	172	157	309	362	209	142	113	17	40	2	39	15	13	12	59	379	1532	31	4	8	53	239	88	*6114*
Koʻolau Loa	167	46	48	72	26	32	51	39	26	21	5	15	2	8	3	9	9	7	46	15	770	27	1	13	54	32	*1545*
North Shore	226	75	79	74	51	49	93	70	43	54	13	44	1	50	36	106	173	10	16	16	215	464	8	29	102	33	*2130*
Waiʻanae	573	188	178	215	130	93	223	247	137	151	96	1025	68	154	38	52	38	27	28	38	11	7	1801	55	180	89	*5841*
Makiki-Mānoa	1710	593	728	591	569	338	571	201	134	72	4	13	2	51	12	13	8	61	28	29	6	11	2	368	645	334	*7094*
UH Mānoa	198	65	94	78	87	26	50	18	15	6	2	0	0	25	0	1	0	13	3	1	0	0	0	41	6	48	*777*
Ala Moana Center	70	47	49	72	20	11	26	5	5	1	1	2	0	0	0	0	0	1	0	1	0	0	0	10	8	0	*330*
Total	*24051*	*7919*	*8543*	*9155*	*8343*	*5862*	*9891*	*7375*	*5472*	*7053*	*4042*	*9606*	*875*	*5562*	*2278*	*3371*	*2600*	*2450*	*2354*	*2968*	*1478*	*806*	*2569*	*3034*	*5895*	*5786*	*149339*

Table 3-18. Off Peak Period Transit Trips (Production to Attraction Format)—2030 TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	431	349	413	230	213	246	455	185	167	83	6	14	0	20	6	7	4	23	21	43	4	1	2	89	128	308	*3448*
Kakaʻako	573	249	350	314	258	166	370	138	84	34	1	13	0	16	2	6	4	24	18	20	3	1	4	95	138	293	*3176*
Mōʻiliʻili	1219	527	463	483	663	212	410	213	97	70	3	13	1	16	6	6	6	75	26	22	4	11	4	152	234	477	*5409*
Waikīkī	1796	605	944	932	1424	262	502	1309	61	195	6	19	2	373	3	15	27	443	34	230	72	100	11	361	297	2961	*12983*
Kaimukī-Waiʻalae	735	304	577	526	684	102	222	57	47	41	8	11	2	10	7	4	4	118	9	43	5	2	0	153	256	378	*4304*
Palama-Liliha	1082	368	275	141	146	348	814	328	287	116	2	19	1	53	9	8	6	19	44	37	7	2	2	65	102	210	*4492*
Kalihi-Iwilei	545	251	185	96	87	215	469	315	252	133	1	16	0	17	11	6	6	28	20	18	1	0	0	40	58	144	*2913*
Airport-Pearl Harbor	171	41	37	68	144	144	207	387	183	152	3	11	2	35	13	10	4	5	6	7	3	4	0	10	30	51	*1731*
Salt Lake-Āliamanu	446	530	106	55	56	139	395	599	568	368	8	23	1	54	20	17	8	10	17	17	8	2	2	24	123	71	*3669*
Pearl City-ʻAiea	372	95	101	58	60	102	282	563	409	1360	59	146	10	404	163	84	49	10	38	27	12	3	10	26	194	65	*4702*
ʻEwa	264	104	88	202	68	59	139	175	80	181	774	1257	69	374	38	40	23	17	19	27	14	1	33	25	79	47	*4195*
Kapolei	221	57	69	265	54	33	108	181	51	99	323	1870	144	175	23	24	19	19	14	16	9	4	89	22	59	200	*4152*
Makakilo	87	36	36	60	33	16	53	66	34	48	74	662	61	56	11	15	6	7	6	9	5	1	25	13	23	17	*1461*
Waipahu-Waikele	213	62	79	200	54	30	106	155	93	442	225	406	27	809	170	112	51	10	14	15	6	4	12	21	84	40	*3441*
Waiawa	177	65	77	129	45	30	96	154	88	377	59	175	18	434	328	229	101	11	11	18	13	10	6	16	74	32	*2771*
Mililani	243	51	69	61	53	30	96	144	64	195	32	104	5	253	201	609	353	14	8	13	12	17	6	19	94	28	*2776*
Wahiawa	120	43	46	38	33	25	54	79	42	83	19	54	6	93	68	357	450	7	9	14	11	29	7	21	74	23	*1808*
East Honolulu	444	137	248	246	538	61	104	57	44	39	8	27	1	6	4	5	6	523	10	73	5	3	4	70	196	174	*3032*
Kāneʻohe	453	113	81	72	57	119	184	85	87	67	7	25	3	20	7	10	6	9	653	223	34	3	2	21	102	54	*2498*
Kailua	644	133	101	91	78	108	166	98	63	54	6	32	3	22	9	9	9	29	181	772	11	2	6	31	121	67	*2849*
Koʻolau Loa	72	31	22	48	25	10	31	36	19	22	5	24	0	6	6	4	5	5	28	13	332	20	4	11	21	27	*827*
North Shore	91	47	39	44	31	19	57	49	41	39	9	40	4	31	15	50	82	9	9	10	68	244	4	16	44	30	*1122*
Waiʻanae	231	103	105	120	77	59	131	179	90	111	52	624	41	84	21	19	22	23	22	35	11	4	638	42	72	69	*2985*
Makiki-Mānoa	740	285	362	239	296	125	275	142	64	37	5	16	1	50	1	1	4	27	9	20	5	13	2	152	360	338	*3569*
UH Mānoa	105	45	65	46	82	17	35	9	7	5	0	3	0	27	0	1	2	9	0	3	1	0	1	32	8	56	*560*
Ala Moana Center	62	58	49	52	23	7	23	4	4	5	0	0	0	1	0	0	0	3	0	1	0	0	0	12	9	0	*313*
Total	*11539*	*4688*	*4988*	*4814*	*5282*	*2684*	*5782*	*5708*	*3028*	*4357*	*1695*	*5603*	*402*	*3438*	*1143*	*1647*	*1256*	*1477*	*1231*	*1728*	*656*	*481*	*875*	*1539*	*2984*	*6159*	*85187*

Table 3-19. To and From Work Transit Trips (Production to Attraction Format)—2030 TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	478	389	529	462	215	270	536	364	295	161	6	21	1	31	13	16	9	33	48	64	3	1	1	99	55	221	*4318*
Kakaʻako	1205	292	526	742	317	291	677	285	213	118	5	17	1	18	14	8	8	43	32	45	1	1	2	134	86	173	*5255*
Mōʻiliʻili	2738	990	721	832	677	366	786	309	257	143	5	21	1	19	16	12	13	106	36	48	3	1	2	201	123	348	*8774*
Waikīkī	1593	774	626	437	466	190	390	146	111	62	3	9	1	13	8	7	4	62	17	25	2	1	0	150	95	302	*5492*
Kaimukī-Waiʻalae	1846	641	962	1159	617	166	366	157	109	68	4	11	1	11	9	6	4	134	15	22	1	0	1	156	148	295	*6908*
Palama-Liliha	2248	596	407	304	113	373	1016	476	398	225	9	26	2	32	20	14	13	20	63	71	4	2	2	67	43	148	*6692*
Kalihi-Iwilei	954	409	314	233	94	230	439	475	346	203	5	26	1	28	19	12	11	13	33	30	2	1	2	42	35	141	*4098*
Airport-Pearl Harbor	225	55	37	35	10	38	177	269	158	137	4	10	1	65	35	9	4	2	6	6	1	0	1	5	7	25	*1319*
Salt Lake-Āliamanu	900	219	158	116	48	166	454	875	739	439	11	35	3	79	45	22	15	6	27	26	2	2	2	21	25	64	*4500*
Pearl City-ʻAiea	847	195	153	134	42	114	432	903	515	1502	89	264	14	462	266	166	97	9	36	33	3	8	13	20	60	57	*6432*
ʻEwa	800	228	202	710	83	74	247	192	97	189	863	1954	112	316	48	71	54	17	16	21	6	6	103	26	136	73	*6642*
Kapolei	382	107	107	297	42	41	146	119	61	126	433	2331	180	226	39	48	37	9	9	10	3	3	188	15	73	43	*5075*
Makakilo	236	64	63	181	26	25	87	65	36	53	142	902	72	85	14	20	15	6	5	6	2	1	57	8	45	24	*2241*
Waipahu-Waikele	602	124	214	755	43	43	124	163	78	322	281	584	39	650	212	198	113	8	10	13	4	11	22	14	74	81	*4783*
Waiawa	466	90	176	465	32	35	117	156	79	369	98	297	20	458	330	347	212	6	10	11	4	17	12	12	65	59	*3945*
Mililani	513	136	129	138	49	51	155	165	80	286	65	191	12	233	248	730	528	9	11	14	9	47	11	17	102	37	*3966*
Wahiawa	278	78	75	82	27	29	80	86	44	139	31	96	6	96	102	436	447	6	6	8	10	59	7	15	63	26	*2332*
East Honolulu	1197	310	500	568	464	101	229	114	74	55	4	14	1	9	7	6	4	384	17	81	4	2	1	82	124	128	*4479*
Kāneʻohe	1218	258	188	159	57	216	371	223	163	112	6	21	1	20	15	13	9	12	560	267	41	4	1	25	45	59	*4064*
Kailua	1556	314	231	199	79	215	325	219	145	113	8	24	1	20	15	12	11	47	255	718	9	2	2	34	55	73	*4683*
Koʻolau Loa	163	42	36	42	14	19	38	28	17	12	1	5	0	3	3	4	5	3	40	10	425	25	0	4	25	12	*976*
North Shore	226	63	59	63	21	22	69	45	25	38	7	21	1	29	30	81	125	4	8	5	113	223	1	8	47	18	*1351*
Waiʻanae	583	158	145	182	61	57	170	194	87	85	78	876	45	127	30	37	33	11	13	14	2	3	520	20	115	55	*3701*
Makiki-Mānoa	1764	607	604	656	317	227	461	190	150	84	4	11	0	13	10	11	4	43	26	36	2	1	1	139	109	232	*5701*
UH Mānoa	188	69	89	84	55	22	46	21	14	7	1	1	0	3	0	1	1	10	2	3	0	0	0	23	4	44	*689*
Ala Moana Center	79	51	51	83	25	12	35	7	6	4	0	1	0	1	0	0	0	3	1	2	0	0	0	12	9	0	*383*
Total	*23284*	*7260*	*7304*	*9116*	*3996*	*3393*	*7973*	*6246*	*4298*	*5049*	*2166*	*7766*	*515*	*3046*	*1547*	*2288*	*1777*	*1007*	*1303*	*1587*	*654*	*419*	*953*	*1350*	*1768*	*2733*	*108798*

Table 3-20. While at Work Transit Trips (Production to Attraction Format)—2030 TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	345	169	165	82	62	102	199	37	44	26	1	2	0	5	2	2	1	5	6	13	0	0	0	20	20	111	*1418*
Kakaʻako	168	146	137	71	35	30	58	10	11	7	0	1	0	2	0	0	0	2	1	2	0	0	0	12	14	86	*794*
Mōʻiliʻili	176	129	177	122	82	29	38	8	10	5	0	1	0	1	1	1	0	7	1	2	0	0	0	25	35	100	*950*
Waikīkī	81	83	119	147	83	9	17	5	4	3	0	1	0	1	0	0	0	4	1	1	0	0	0	13	20	92	*684*
Kaimukī-Waiʻalae	68	31	88	79	175	12	16	4	4	3	0	0	0	1	0	0	0	24	0	1	0	0	0	18	36	33	*596*
Palama-Liliha	111	38	23	11	10	53	72	18	23	10	0	1	0	1	1	1	0	1	4	4	0	0	0	3	5	17	*408*
Kalihi-Iwilei	224	65	43	15	18	64	284	87	66	32	1	2	0	3	2	2	1	3	3	3	0	0	0	3	7	29	*956*
Airport-Pearl Harbor	64	17	13	8	5	23	118	89	92	60	1	2	0	7	3	2	1	1	3	1	0	0	0	2	2	9	*524*
Salt Lake-Āliamanu	53	11	11	6	5	20	65	117	100	85	1	2	0	7	2	2	1	1	2	1	0	0	0	1	2	8	*505*
Pearl City-ʻAiea	22	7	6	2	3	6	25	100	85	338	6	14	1	86	35	18	6	0	1	1	0	0	1	0	1	3	*768*
ʻEwa	1	0	0	0	0	0	1	1	1	8	90	88	4	41	2	1	0	0	0	0	0	0	1	0	0	0	*243*
Kapolei	3	1	1	1	0	1	2	2	2	16	93	678	41	49	4	3	1	0	0	0	0	0	7	0	0	1	*905*
Makakilo	0	0	0	0	0	0	0	0	0	1	2	35	3	3	0	0	1	0	0	0	0	0	1	0	0	0	*46*
Waipahu-Waikele	5	2	1	1	0	1	4	8	8	100	36	45	2	163	33	21	6	0	0	0	0	0	1	0	0	1	*439*
Waiawa	2	1	1	0	0	0	2	3	2	34	1	5	0	40	21	24	10	0	0	0	0	1	0	0	0	0	*149*
Mililani	2	1	0	0	0	1	1	2	2	20	1	2	0	23	25	81	56	0	0	0	0	1	0	0	0	0	*221*
Wahiawa	1	0	0	0	0	0	1	1	1	7	0	1	0	6	9	55	106	0	0	0	0	3	0	0	0	0	*193*
East Honolulu	9	2	8	6	27	1	1	0	0	0	0	0	0	0	0	0	0	49	0	1	0	0	0	1	2	3	*111*
Kāneʻohe	7	2	2	1	1	4	4	3	2	1	0	0	0	0	0	0	0	0	114	16	0	0	0	0	0	1	*157*
Kailua	15	3	2	1	1	3	3	1	2	1	0	1	0	0	0	0	0	1	15	144	0	0	0	1	0	2	*197*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	1	0	0	0	0	*40*
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	1	22	0	0	0	0	*29*
Waiʻanae	1	0	0	0	1	0	0	0	0	1	0	9	1	2	0	0	0	0	0	0	0	0	38	0	0	0	*53*
Makiki-Mānoa	27	15	33	11	18	5	9	2	2	1	0	0	0	0	0	0	0	1	1	0	0	0	0	9	14	11	*158*
UH Mānoa	28	13	30	17	29	6	9	1	2	1	0	1	0	0	0	0	0	1	0	0	0	0	0	16	6	17	*177*
Ala Moana Center	43	43	34	31	12	3	9	1	2	2	0	0	0	0	0	0	0	1	0	0	0	0	0	6	6	0	*193*
Total	*1456*	*779*	*894*	*614*	*568*	*375*	*939*	*504*	*463*	*762*	*237*	*891*	*51*	*442*	*142*	*217*	*194*	*99*	*153*	*192*	*39*	*29*	*50*	*130*	*170*	*524*	*10914*

Table 3-21. To and From School/University Transit Trips (Production to Attraction Format)—2030 TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	16	45	42	2	120	153	82	5	12	5	1	6	0	15	0	0	0	8	11	2	6	0	0	55	249	0	*836*
Kakaʻako	172	23	81	3	270	120	214	2	6	2	0	8	0	15	0	0	0	15	9	1	5	0	0	103	287	0	*1336*
Mōʻiliʻili	349	57	83	10	612	77	189	3	3	2	0	5	0	21	0	0	0	44	8	0	7	0	0	144	390	0	*2004*
Waikīkī	152	27	73	10	409	21	73	1	1	1	0	6	0	8	0	0	0	15	5	0	3	0	0	68	347	0	*1220*
Kaimukī-Waiʻalae	144	29	230	29	582	44	72	2	3	1	0	6	0	11	0	0	0	123	4	1	5	0	0	172	364	0	*1823*
Palama-Liliha	249	33	26	0	123	668	392	27	64	26	0	16	0	37	1	0	1	6	28	6	10	0	0	46	203	0	*1964*
Kalihi-Iwilei	78	53	24	1	64	257	77	27	61	23	0	11	0	20	1	0	0	6	10	2	3	0	0	32	112	0	*861*
Airport-Pearl Harbor	33	1	1	0	11	11	28	32	59	42	0	5	0	19	1	0	0	1	4	1	1	0	0	1	69	0	*320*
Salt Lake-Āliamanu	174	7	9	1	76	90	161	119	445	159	1	21	0	69	4	2	1	2	14	4	10	0	1	9	310	0	*1691*
Pearl City-ʻAiea	160	6	10	1	75	30	117	68	125	744	14	89	3	421	80	25	10	4	13	4	18	1	5	12	506	0	*2541*
ʻEwa	98	22	35	4	88	59	63	14	19	97	958	710	57	195	8	9	7	15	7	7	31	1	41	48	160	0	*2750*
Kapolei	44	13	21	3	45	34	35	11	10	62	252	491	132	107	5	4	4	8	4	4	17	1	165	29	85	0	*1586*
Makakilo	30	9	15	1	34	24	24	6	8	37	54	251	100	47	2	2	2	6	3	3	10	1	63	20	62	0	*814*
Waipahu-Waikele	75	22	33	4	72	55	45	15	17	78	439	233	34	504	130	105	36	14	8	7	23	3	29	44	252	0	*2278*
Waiawa	60	7	12	1	52	19	42	6	7	69	59	107	11	307	197	197	88	5	4	2	20	3	12	16	171	0	*1474*
Mililani	91	10	16	2	62	24	57	5	7	20	10	81	2	224	153	485	269	6	7	3	26	8	9	21	209	0	*1808*
Wahiawa	36	5	10	1	32	13	27	3	4	5	3	27	1	74	24	121	237	4	3	1	23	15	8	11	143	0	*831*
East Honolulu	116	17	99	8	482	37	56	3	5	5	1	6	0	10	1	1	1	573	4	33	12	0	3	87	361	0	*1923*
Kāneʻohe	172	10	12	8	88	117	91	8	15	13	1	11	0	21	1	1	1	5	693	172	87	0	3	16	271	0	*1816*
Kailua	207	9	12	1	104	102	95	5	7	9	0	15	0	28	0	0	1	12	142	639	25	0	3	16	287	0	*1720*
Koʻolau Loa	11	1	2	0	8	4	4	1	1	1	0	1	0	2	0	0	0	1	5	1	354	1	1	3	41	0	*443*
North Shore	19	7	10	1	23	16	18	5	5	4	1	6	0	17	2	16	34	4	2	2	119	206	3	15	83	0	*615*
Waiʻanae	47	8	14	1	45	22	33	5	8	7	8	130	13	56	1	2	2	6	4	2	8	0	1155	19	102	0	*1698*
Makiki-Mānoa	201	28	117	5	283	103	139	2	4	1	0	6	0	12	0	0	0	20	6	1	8	0	0	199	778	0	*1912*
UH Mānoa	13	2	6	1	36	4	7	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	14	1	0	*92*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*2747*	*452*	*993*	*95*	*3796*	*2105*	*2142*	*375*	*897*	*1412*	*1801*	*2248*	*353*	*2242*	*611*	*971*	*695*	*907*	*998*	*899*	*829*	*241*	*1503*	*1199*	*5843*	*0*	*36355*

Table 3-22. To and From Shopping/Other Transit Trips (Production to Attraction Format)—2030 TSM Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	55	134	145	77	100	116	200	57	85	21	3	6	1	4	1	1	3	13	6	12	3	0	1	44	24	207	*1318*
Kakaʻako	122	66	119	121	103	82	134	29	34	10	1	6	0	3	0	4	1	10	3	7	1	1	2	48	31	179	*1117*
Mōʻiliʻili	491	247	153	145	323	118	190	34	42	20	3	9	1	5	1	2	3	45	7	10	3	0	3	111	74	384	*2422*
Waikīkī	688	404	426	154	463	67	120	27	32	16	3	19	1	4	3	2	4	28	4	6	2	2	2	125	96	736	*3434*
Kaimukī-Waiʻalae	398	205	426	301	480	96	143	39	39	23	3	11	1	4	4	4	3	87	4	9	5	2	1	170	135	394	*2987*
Palama-Liliha	729	336	267	118	122	327	651	204	254	81	3	16	2	11	5	6	3	18	27	25	3	1	1	91	38	252	*3590*
Kalihi-Iwilei	189	130	108	55	61	107	137	107	127	37	1	6	0	4	2	2	2	6	8	8	0	1	0	32	21	114	*1265*
Airport-Pearl Harbor	46	16	14	10	7	20	69	101	64	67	1	3	1	6	1	2	2	2	2	3	0	0	1	5	3	12	*459*
Salt Lake-Āliamanu	280	97	80	48	45	127	329	411	445	247	7	14	2	17	8	8	6	8	13	13	3	2	3	29	18	72	*2331*
Pearl City-ʻAiea	250	98	88	60	53	105	239	388	390	935	27	62	6	159	92	45	21	15	15	28	5	4	6	37	17	71	*3213*
ʻEwa	133	88	75	83	59	58	101	163	120	234	712	947	56	365	43	40	25	17	19	41	11	5	18	39	21	54	*3526*
Kapolei	79	48	47	52	38	33	64	82	64	82	166	827	79	80	18	16	13	13	15	24	7	3	39	24	18	31	*1961*
Makakilo	51	38	36	35	28	26	45	61	47	54	65	601	59	53	13	12	8	9	10	16	5	1	20	18	9	24	*1343*
Waipahu-Waikele	120	57	57	49	37	44	104	151	126	478	153	239	24	447	146	73	26	12	12	21	8	3	11	25	8	41	*2472*
Waiawa	110	67	63	56	43	43	102	138	123	439	39	126	10	377	345	187	76	15	15	26	9	5	10	30	16	42	*2509*
Mililani	199	50	50	44	36	37	85	100	82	188	23	66	5	162	192	526	304	13	10	21	8	7	7	23	13	35	*2287*
Wahiawa	93	48	51	43	39	30	59	64	54	66	14	47	4	51	61	319	394	10	13	22	7	16	6	25	13	28	*1577*
East Honolulu	218	106	225	157	505	53	93	40	46	32	8	32	1	8	7	9	7	519	10	42	3	2	5	83	87	199	*2496*
Kāneʻohe	219	77	73	50	46	115	142	68	74	48	11	25	4	12	9	8	6	10	532	193	14	1	5	29	12	62	*1845*
Kailua	452	92	79	52	49	93	101	53	48	40	12	30	3	11	7	8	8	25	132	704	6	3	7	31	17	73	*2137*
Koʻolau Loa	39	30	28	26	24	19	36	31	26	26	8	32	2	8	5	7	8	7	21	17	242	5	4	15	8	21	*695*
North Shore	67	50	49	45	37	29	61	56	54	48	14	55	4	17	18	56	92	11	15	19	46	235	7	22	16	39	*1161*
Waiʻanae	156	122	120	113	96	72	145	133	129	108	60	622	49	52	27	30	25	32	32	55	12	8	663	57	33	81	*3030*
Makiki-Mānoa	442	215	240	145	233	119	191	44	41	22	4	7	2	2	3	2	2	22	4	12	2	1	4	159	95	403	*2417*
UH Mānoa	64	19	22	15	32	9	19	3	4	1	1	0	0	1	0	0	0	5	0	0	1	0	1	11	1	33	*241*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*5687*	*2844*	*3040*	*2053*	*3056*	*1942*	*3559*	*2585*	*2550*	*3325*	*1342*	*3808*	*316*	*1862*	*1009*	*1368*	*1040*	*952*	*928*	*1334*	*407*	*309*	*825*	*1282*	*823*	*3587*	*51834*

Table 3-23. Do not originate/end at work/home Transit Trips (Production to Attraction Format)—2030 TSM Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	56	42	27	11	17	31	36	7	11	6	1	2	0	1	1	1	1	3	2	3	1	1	1	9	5	32	*309*
Kakaʻako	39	41	47	17	15	17	18	3	5	3	1	2	0	1	1	1	1	2	1	1	0	0	1	9	6	81	*314*
Mōʻiliʻili	36	33	58	30	38	16	15	3	5	3	1	2	0	1	1	1	1	5	1	1	1	1	1	18	15	68	*356*
Waikīkī	13	22	26	56	30	4	5	2	2	2	1	2	0	1	1	1	1	3	1	1	0	0	1	7	7	36	*225*
Kaimukī-Waiʻalae	22	17	40	31	92	8	11	3	5	3	1	2	0	1	1	1	1	21	1	2	1	1	1	17	20	25	*329*
Palama-Liliha	39	19	12	5	7	31	45	10	16	8	1	2	0	1	1	1	1	1	3	3	0	0	1	5	2	11	*227*
Kalihi-Iwilei	48	26	14	5	10	33	92	31	32	26	1	3	1	3	2	2	1	2	3	2	1	1	1	5	3	16	*361*
Airport-Pearl Harbor	12	6	4	2	4	11	36	26	38	15	2	3	0	7	4	2	1	1	2	10	1	1	1	2	1	4	*194*
Salt Lake-Āliamanu	15	7	5	3	5	14	29	49	59	36	2	4	1	8	4	2	1	1	2	8	1	1	1	2	1	5	*267*
Pearl City-ʻAiea	9	5	3	2	3	7	14	26	40	177	7	12	1	52	23	13	5	1	2	3	1	1	2	1	1	4	*416*
ʻEwa	2	1	1	1	1	1	2	2	2	9	69	55	3	28	3	2	1	1	1	1	1	1	2	1	0	2	*195*
Kapolei	3	2	2	2	2	2	3	4	4	13	57	256	24	27	4	4	2	1	2	2	1	1	9	1	1	2	*433*
Makakilo	1	0	0	0	0	0	0	1	1	2	3	23	4	3	1	1	0	0	0	0	0	0	1	0	0	1	*44*
Waipahu-Waikele	2	2	1	1	1	2	3	6	7	59	27	26	3	82	21	15	4	1	1	1	1	1	2	1	0	2	*273*
Waiawa	1	1	1	1	1	1	2	3	3	22	3	5	1	24	19	18	6	1	1	1	0	1	1	0	0	1	*116*
Mililani	2	1	1	1	1	1	2	3	3	10	2	4	1	16	18	52	30	1	1	1	1	2	1	1	0	1	*154*
Wahiawa	1	1	1	1	1	1	1	2	2	3	1	2	0	4	5	30	41	1	1	1	1	2	1	0	0	1	*104*
East Honolulu	4	3	5	3	22	2	2	1	1	2	1	2	0	1	1	1	1	41	1	2	0	0	1	2	3	3	*104*
Kāneʻohe	3	2	1	1	1	4	3	2	3	3	1	2	0	1	1	1	1	1	70	12	1	1	1	1	0	1	*118*
Kailua	6	3	2	2	2	4	3	2	3	3	2	3	1	2	1	2	1	2	16	81	1	1	2	1	1	2	*150*
Koʻolau Loa	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	18	1	0	0	0	1	*35*
North Shore	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	2	0	1	1	1	14	0	0	0	1	*33*
Waiʻanae	1	1	1	1	1	1	1	1	2	2	2	10	1	2	1	1	1	1	1	1	0	0	38	1	0	1	*74*
Makiki-Mānoa	15	12	19	8	13	10	7	2	2	2	1	1	0	1	0	1	0	2	1	1	0	0	1	13	9	21	*138*
UH Mānoa	10	7	13	7	17	3	5	1	2	1	0	1	0	0	0	0	0	2	0	0	0	0	0	10	3	10	*94*
Ala Moana Center	10	12	13	9	6	3	4	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	4	3	0	*71*
Total	*352*	*268*	*300*	*199*	*293*	*208*	*339*	*195*	*249*	*413*	*191*	*425*	*44*	*270*	*112*	*153*	*102*	*97*	*118*	*141*	*34*	*31*	*72*	*112*	*83*	*331*	*5133*

Table 3-24. Ground Access Air Passenger Transit Trips (Production to Attraction Format)—2030 TSM Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*33*
Kakaʻako	0	0	0	0	0	0	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*46*
Mōʻiliʻili	0	0	0	0	0	0	0	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*77*
Waikīkī	0	0	0	0	0	0	0	600	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*600*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*7*
Palama-Liliha	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*25*
Kalihi-Iwilei	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*29*
Airport-Pearl Harbor	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*11*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*36*
Pearl City-ʻAiea	0	0	0	0	0	0	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*52*
ʻEwa	0	0	0	0	0	0	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*46*
Kapolei	0	0	0	0	0	0	0	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*76*
Makakilo	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*13*
Waipahu-Waikele	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*27*
Waiawa	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*36*
Mililani	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*35*
Wahiawa	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*20*
East Honolulu	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*7*
Kāneʻohe	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Kailua	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*24*
Koʻolau Loa	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*8*
North Shore	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*4*
Waiʻanae	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*22*
Makiki-Mānoa	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*22*
UH Mānoa	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1259*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1259*

Table 3-25. Visitor Transit Trips (Production to Attraction Format)—2030 TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	92	20	11	0	2	13	0	2	0	0	0	0	0	0	0	1	0	0	1	1	0	3	1	14	*160*
Kakaʻako	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	*15*
Mōʻiliʻili	97	7	4	197	50	4	18	76	0	20	0	0	0	0	0	0	0	18	7	0	7	19	0	17	12	11	*566*
Waikīkī	1702	190	726	1068	1536	297	533	1203	19	316	0	0	0	676	0	23	43	749	40	414	124	181	17	451	161	4271	*14739*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	0	0	0	0	0	0	*44*
Palama-Liliha	0	0	5	0	0	0	56	82	8	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	*187*
Kalihi-Iwilei	0	0	0	3	0	0	0	1	10	1	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	3	*45*
Airport-Pearl Harbor	45	4	13	88	245	183	21	295	0	14	0	0	0	10	0	0	0	4	0	0	2	5	0	3	3	54	*987*
Salt Lake-Āliamanu	0	780	21	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*808*
Pearl City-ʻAiea	3	0	0	5	1	14	1	5	0	11	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	7	*69*
ʻEwa	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	*8*
Kapolei	143	9	23	306	28	4	37	66	0	19	0	63	0	0	0	0	0	12	0	0	0	5	0	9	9	314	*1048*
Makakilo	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*4*
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	0	0	0	0	256	0	0	0	0	0	0	0	0	0	0	0	0	*256*
Waiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mililani	0	0	22	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*27*
Wahiawa	2	0	0	3	0	0	0	2	0	1	0	0	0	25	0	0	0	0	0	0	0	1	0	0	0	3	*39*
East Honolulu	11	1	7	71	34	0	2	4	0	2	0	0	0	0	0	0	0	51	0	36	1	1	0	12	2	24	*258*
Kāneʻohe	10	1	1	19	2	0	2	2	0	1	0	0	0	0	0	0	0	1	12	25	5	2	0	1	1	8	*90*
Kailua	4	9	1	8	1	0	1	2	0	1	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	4	*52*
Koʻolau Loa	25	2	4	50	4	1	4	6	0	2	0	0	0	1	0	0	0	0	7	0	27	13	0	2	2	25	*175*
North Shore	4	0	1	8	1	0	1	8	0	1	0	0	0	16	0	0	0	0	0	0	4	9	0	0	0	6	*59*
Waiʻanae	17	1	3	39	3	0	4	71	0	59	0	3	0	0	0	0	0	0	0	0	0	0	25	1	1	21	*247*
Makiki-Mānoa	2	0	77	5	1	0	39	82	0	0	0	3	0	73	0	0	5	1	0	0	0	22	0	0	0	5	*316*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	*45*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*2065*	*1005*	*1000*	*1892*	*1916*	*522*	*720*	*1919*	*43*	*449*	*0*	*73*	*0*	*1138*	*0*	*23*	*48*	*864*	*87*	*543*	*171*	*259*	*45*	*499*	*192*	*4770*	*20244*

Table 3-26. A.M. Peak Two Hour Transit Trips (Origin to Destination Format) —2030 TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	144	139	192	142	122	152	185	100	90	53	13	17	4	17	10	10	6	17	32	34	4	3	7	60	69	84	*1706*
Kakaʻako	337	85	174	199	144	121	219	68	54	32	5	6	0	12	3	2	6	21	11	20	1	3	5	68	90	46	*1732*
Mōʻiliʻili	782	270	193	248	319	123	242	87	55	40	7	12	1	8	5	7	4	48	12	18	5	1	3	110	123	104	*2827*
Waikīkī	575	227	247	186	349	77	152	121	29	42	8	7	2	67	4	6	5	77	9	38	9	18	2	99	111	407	*2874*
Kaimukī-Waiʻalae	512	172	340	307	344	58	113	47	26	21	4	6	1	5	5	0	1	84	6	7	6	0	2	104	124	88	*2383*
Palama-Liliha	637	182	127	84	68	299	396	136	136	61	5	10	1	17	12	8	3	7	23	26	5	1	3	35	51	52	*2385*
Kalihi-Iwilei	287	128	100	66	47	155	155	132	120	63	5	13	1	14	6	4	5	6	16	13	0	3	4	25	39	40	*1447*
Airport-Pearl Harbor	76	18	18	16	24	35	71	106	81	66	5	4	3	25	12	5	3	2	5	4	3	2	3	7	16	11	*621*
Salt Lake-Āliamanu	285	117	51	32	35	84	176	285	346	183	6	15	3	37	14	9	5	3	15	6	0	0	6	12	76	20	*1821*
Pearl City-ʻAiea	269	53	47	36	29	51	157	276	215	656	28	88	6	232	105	54	31	6	13	14	5	3	6	17	128	22	*2547*
ʻEwa	226	65	72	187	43	40	80	65	40	94	539	718	49	156	22	23	19	10	6	10	13	2	40	25	72	15	*2631*
Kapolei	122	35	39	100	25	22	45	44	22	61	226	836	99	96	17	17	12	7	5	7	5	2	109	17	39	30	*2039*
Makakilo	66	25	21	48	15	13	30	21	17	29	52	323	45	36	6	6	7	3	1	5	5	0	33	10	26	8	*851*
Waipahu-Waikele	173	43	73	193	29	32	48	65	30	161	221	198	29	349	108	87	39	7	4	9	9	2	15	23	71	21	*2039*
Waiawa	138	30	50	118	29	18	42	50	31	148	46	97	9	212	155	155	82	4	6	4	5	4	9	9	60	16	*1527*
Mililani	166	39	40	39	27	25	59	50	29	91	19	68	4	120	121	355	242	4	8	2	7	18	7	11	79	12	*1642*
Wahiawa	82	26	22	21	15	12	32	28	20	39	7	33	5	47	38	181	217	3	3	5	7	22	2	12	48	10	*937*
East Honolulu	340	86	159	164	270	37	74	32	25	18	1	9	0	2	2	3	1	284	3	38	6	1	1	49	123	47	*1775*
Kāneʻohe	346	67	50	45	34	95	116	58	41	38	0	11	3	12	5	2	1	2	366	133	32	0	4	13	74	19	*1567*
Kailua	455	89	58	55	42	87	102	49	42	36	2	8	3	10	3	4	6	20	111	412	11	1	3	14	74	22	*1719*
Koʻolau Loa	47	12	10	16	8	6	13	9	7	4	1	3	0	1	2	1	3	2	12	5	224	9	1	4	12	7	*419*
North Shore	63	19	18	16	12	16	24	20	10	14	4	10	1	13	8	27	47	5	3	3	60	128	4	7	34	7	*573*
Waiʻanae	160	47	43	54	33	26	57	57	32	38	25	279	20	45	10	12	13	5	3	9	1	2	513	11	52	24	*1571*
Makiki-Mānoa	486	162	198	167	158	89	154	57	35	22	3	6	0	11	3	6	1	17	7	12	2	1	4	91	193	72	*1957*
UH Mānoa	57	18	28	25	29	9	12	6	8	3	3	1	1	8	1	2	1	7	2	2	0	1	2	16	1	16	*259*
Ala Moana Center	31	20	25	39	14	8	11	2	3	3	1	0	1	2	1	1	0	5	2	2	0	1	1	10	4	0	*187*
Total	*6862*	*2174*	*2395*	*2603*	*2264*	*1690*	*2765*	*1971*	*1544*	*2016*	*1236*	*2778*	*291*	*1554*	*678*	*987*	*760*	*656*	*684*	*838*	*425*	*228*	*789*	*859*	*1789*	*1200*	*42036*

Table 3-27. A.M. Peak Two Hour Home Based Work Transit Trips (Origin to Destination Format) —2030 TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	65	60	101	83	51	54	86	71	59	35	8	7	2	11	6	7	3	14	18	22	2	2	5	27	10	17	*826*
Kakaʻako	207	41	87	135	60	54	123	59	43	23	3	4	1	5	3	3	2	10	8	12	1	1	2	26	17	9	*937*
Mōʻiliʻili	537	177	115	142	124	69	149	66	54	27	3	6	1	6	4	4	3	22	9	11	1	0	1	36	21	30	*1618*
Waikīkī	301	135	103	60	80	38	76	30	23	14	6	4	2	8	4	3	1	15	5	6	1	0	1	26	16	23	*981*
Kaimukī-Waiʻalae	351	117	165	198	100	32	71	33	19	13	1	3	0	2	2	2	0	21	3	5	0	0	0	27	27	31	*1224*
Palama-Liliha	408	107	73	57	21	59	183	91	69	39	2	6	1	6	5	3	3	4	12	15	1	1	1	13	8	18	*1204*
Kalihi-Iwilei	140	67	53	40	19	37	60	77	57	34	3	5	1	6	3	3	3	4	8	8	1	1	2	9	7	10	*656*
Airport-Pearl Harbor	25	7	6	3	3	8	18	37	21	20	2	2	1	14	7	2	1	1	2	3	0	0	2	2	2	1	*191*
Salt Lake-Āliamanu	155	38	27	18	10	29	71	153	120	65	3	5	1	16	8	4	3	2	5	6	0	1	1	4	4	6	*758*
Pearl City-ʻAiea	153	33	25	22	6	23	77	165	87	235	14	50	3	76	45	27	17	2	7	7	1	2	2	4	11	6	*1101*
ʻEwa	156	41	37	136	13	10	39	36	16	36	145	351	19	56	10	14	11	2	3	4	1	1	18	4	27	8	*1195*
Kapolei	70	18	18	51	7	6	19	20	10	25	75	379	31	38	9	9	8	1	2	1	1	0	37	3	11	3	*854*
Makakilo	48	14	10	39	5	4	14	12	8	10	26	171	12	16	3	4	3	1	1	1	0	0	10	1	8	3	*427*
Waipahu-Waikele	111	21	42	143	7	8	20	32	15	60	42	107	6	105	38	31	20	2	3	1	1	2	4	3	10	13	*847*
Waiawa	84	16	31	78	5	6	21	32	14	72	17	60	4	84	58	59	39	1	2	1	1	3	2	2	13	10	*715*
Mililani	88	23	20	22	8	9	27	31	15	55	12	37	2	37	39	128	91	1	2	2	2	9	3	2	15	3	*683*
Wahiawa	52	14	10	13	5	4	15	16	9	28	6	18	1	16	19	77	79	1	2	2	2	11	1	3	10	3	*417*
East Honolulu	239	60	92	103	81	17	48	24	15	11	0	4	0	2	2	2	0	59	3	15	1	0	0	17	22	17	*835*
Kāneʻohe	234	49	35	28	11	39	72	46	30	23	1	4	0	4	3	2	2	3	91	46	8	1	0	4	9	8	*754*
Kailua	280	61	43	37	14	38	62	44	27	21	1	5	0	5	3	2	3	9	45	120	2	1	0	7	11	9	*852*
Koʻolau Loa	34	8	6	8	2	3	7	5	4	2	0	1	0	1	1	1	2	1	8	2	76	6	0	1	5	1	*185*
North Shore	47	12	12	12	3	5	13	9	4	7	2	5	0	5	8	15	26	1	2	2	23	41	1	2	8	2	*267*
Waiʻanae	114	28	28	33	11	9	33	42	18	17	17	182	9	27	6	8	7	3	2	3	0	0	82	4	21	7	*712*
Makiki-Mānoa	340	113	106	125	59	44	89	41	30	17	1	2	0	2	2	3	1	8	5	8	0	0	0	23	20	25	*1065*
UH Mānoa	33	10	13	12	8	4	8	4	3	1	1	1	0	1	1	1	0	2	1	1	0	0	1	3	1	3	*113*
Ala Moana Center	1	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	*11*
Total	*4273*	*1273*	*1259*	*1600*	*717*	*612*	*1400*	*1175*	*771*	*893*	*392*	*1419*	*95*	*552*	*289*	*414*	*330*	*190*	*251*	*305*	*125*	*83*	*177*	*252*	*314*	*268*	*19428*

Table 3-28. Difference in Daily Transit Trips (Production to Attraction Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-20	-6	-3	-3	6	-6	-4	-2	-15	16	1	2	0	3	0	0	0	1	0	0	0	0	0	-4	4	5	*-26*
Kakaʻako	-18	-1	2	-8	7	-9	-9	1	-10	11	1	2	0	1	0	1	0	3	-1	-1	0	0	0	7	4	-1	*-18*
Mōʻiliʻili	-28	15	0	20	15	-5	-7	0	-10	15	1	2	0	2	1	1	1	4	-1	-1	0	-1	0	16	9	4	*52*
Waikīkī	-59	-13	-17	-24	307	-2	-12	-16	-6	62	1	1	0	2	0	0	0	3	-1	-1	-3	0	0	1	-2	-12	*211*
Kaimukī-Waiʻalae	34	13	20	40	69	3	8	4	-5	10	1	3	0	2	1	1	0	11	0	1	0	0	0	6	10	7	*240*
Palama-Liliha	-25	-3	-4	-2	4	78	-11	-3	-11	32	1	4	0	4	1	1	1	2	-1	0	0	0	0	0	4	1	*74*
Kalihi-Iwilei	2	2	1	-1	4	-11	54	8	3	19	0	3	0	2	0	1	0	1	0	0	0	0	0	1	4	4	*96*
Airport-Pearl Harbor	8	2	2	1	2	3	7	-35	34	29	0	2	0	10	3	1	1	1	0	1	0	0	0	0	7	1	*80*
Salt Lake-Āliamanu	-51	-15	-10	-9	-5	-8	8	274	145	-13	2	6	0	11	1	3	2	0	-5	-4	-1	0	1	-2	-4	-4	*321*
Pearl City-ʻAiea	159	34	29	21	26	26	90	161	93	588	14	53	4	114	26	24	10	4	7	8	3	1	3	6	95	15	*1614*
ʻEwa	77	18	32	70	25	14	72	35	20	25	181	433	36	76	10	12	6	6	3	5	3	1	29	7	20	11	*1227*
Kapolei	49	10	17	79	14	6	34	51	11	22	100	186	21	50	9	11	6	5	2	2	3	2	20	5	19	44	*774*
Makakilo	28	9	12	30	9	5	25	26	9	17	39	102	1	31	5	7	4	2	1	2	3	1	13	3	16	5	*405*
Waipahu-Waikele	50	11	21	62	11	6	8	19	9	45	63	108	13	181	45	37	11	3	2	2	4	2	6	4	32	9	*763*
Waiawa	67	14	27	101	14	4	15	14	8	-32	13	44	5	143	25	47	14	2	2	2	0	0	3	3	23	9	*566*
Mililani	55	15	14	17	14	3	20	36	5	32	13	55	4	57	42	51	25	3	2	2	0	1	4	3	36	4	*513*
Wahiawa	19	6	8	9	7	2	10	15	2	11	4	17	1	13	7	13	6	1	1	1	0	0	3	1	27	3	*186*
East Honolulu	53	11	30	51	38	2	13	9	-3	13	1	4	0	3	1	1	1	42	1	1	1	1	1	7	21	16	*316*
Kāneʻohe	-2	-2	-1	-3	2	-3	2	0	-19	21	1	5	1	3	1	2	1	1	0	0	0	0	1	1	1	0	*12*
Kailua	-3	-2	-2	-4	2	-3	-3	0	-17	21	2	6	0	4	1	1	1	2	0	0	0	0	1	1	0	0	*7*
Koʻolau Loa	0	0	0	-1	1	0	1	0	-5	4	1	2	0	1	0	0	0	0	0	0	0	0	0	1	0	0	*4*
North Shore	8	2	3	3	4	0	1	3	-3	7	2	10	1	5	1	1	0	1	0	0	0	0	1	1	11	0	*61*
Waiʻanae	45	12	13	19	14	4	23	33	10	19	14	87	6	23	6	9	7	5	2	3	1	1	194	4	28	7	*588*
Makiki-Mānoa	-9	7	40	37	10	-3	-2	-5	-6	10	1	2	0	2	1	1	0	4	0	0	0	0	0	9	7	13	*119*
UH Mānoa	0	3	3	6	1	0	0	0	-1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	*17*
Ala Moana Center	-5	-1	-2	-1	0	-1	-1	0	-1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-9*
Total	*433*	*139*	*234*	*508*	*597*	*103*	*341*	*629*	*237*	*985*	*456*	*1139*	*96*	*741*	*188*	*226*	*97*	*109*	*16*	*21*	*13*	*9*	*281*	*82*	*369*	*144*	*8193*

Table 3-29. Difference in Peak Period Transit Trips (Production to Attraction Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	-6	-4	-4	-1	-4	-4	-2	5	-18	10	0	3	0	-1	-1	2	2	-3	0	4	-1	0	0	2	7	8	*-6*
Kakaʻako	-12	1	1	-4	-6	-3	-5	-4	-10	14	1	0	-1	-1	4	-2	1	2	-1	1	3	0	-1	0	5	-1	*-17*
Mōʻiliʻili	-19	8	2	10	14	-8	-12	-2	7	3	0	2	1	1	2	-1	3	-3	-8	2	2	1	2	21	6	4	*39*
Waikīkī	-42	-9	-17	-19	148	-4	-2	3	-8	36	-1	-1	-1	7	1	2	-1	-2	0	0	2	-5	2	11	-6	5	*97*
Kaimukī-Waiʻalae	24	6	10	35	26	9	-9	11	-11	4	-3	7	-1	6	-4	1	-1	4	1	-4	3	1	-2	19	-1	0	*133*
Palama-Liliha	-12	-4	-7	1	2	60	-9	3	-11	28	1	12	-1	-4	3	1	-4	2	-7	-1	-1	0	0	6	1	-1	*57*
Kalihi-Iwilei	12	-4	2	0	-5	-17	35	5	-3	2	1	0	-2	3	-2	1	0	3	5	-1	-1	1	4	2	3	-2	*43*
Airport-Pearl Harbor	2	1	-1	0	1	2	8	-7	14	21	0	-2	0	7	6	-1	-1	1	3	-1	0	-1	2	-1	6	4	*64*
Salt Lake-Āliamanu	-39	-3	-12	-9	2	-5	7	175	118	-13	1	13	3	-1	0	-3	3	-4	-1	-6	-4	-1	0	-4	-2	-7	*207*
Pearl City-ʻAiea	135	23	5	20	14	10	62	80	89	369	-2	37	4	72	23	19	2	3	-2	4	1	5	0	3	59	9	*1046*
ʻEwa	69	9	20	64	27	-3	50	27	21	8	125	310	32	34	9	13	11	-5	1	9	-2	3	26	1	11	10	*878*
Kapolei	30	1	10	52	6	6	16	29	11	21	68	143	24	25	9	6	4	1	-2	4	-1	1	21	9	4	19	*516*
Makakilo	24	6	6	21	4	6	14	10	13	7	35	85	-5	33	2	4	4	2	0	1	3	1	8	4	11	8	*306*
Waipahu-Waikele	41	10	15	47	-5	12	2	23	5	18	44	61	7	99	37	30	-1	5	-2	-1	11	1	3	5	32	13	*513*
Waiawa	55	4	11	80	9	3	8	5	7	-8	8	32	-4	102	11	21	12	0	1	1	0	-1	3	6	20	11	*399*
Mililani	35	25	6	14	11	8	9	-2	6	24	0	45	4	30	29	15	12	-3	2	5	2	-1	1	2	22	5	*309*
Wahiawa	7	0	14	7	0	0	22	-2	-8	16	5	23	-2	3	9	-5	3	4	1	-3	0	-4	4	-3	18	3	*113*
East Honolulu	29	7	29	34	19	-7	26	5	0	6	-3	-1	1	6	1	2	-3	41	1	-7	0	1	-1	5	9	7	*207*
Kāneʻohe	-4	-3	0	-3	1	-2	3	5	-12	5	-1	6	0	3	3	1	1	0	-4	-1	2	0	1	4	2	1	*10*
Kailua	4	0	-4	-4	5	-3	-6	2	-14	17	2	2	-1	-1	1	0	3	1	5	-6	3	-2	2	0	-2	3	*5*
Koʻolau Loa	2	0	-3	0	-1	2	-1	0	-2	2	0	-1	1	2	-3	0	3	0	0	0	2	-3	-1	-2	0	1	*-1*
North Shore	10	-1	-2	2	0	0	-1	3	-4	5	2	7	-2	4	-2	2	4	1	0	0	-2	-4	3	-1	14	1	*40*
Waiʻanae	44	-5	9	18	14	1	13	16	13	23	9	57	9	6	5	10	2	1	-4	8	-1	1	156	-6	23	6	*429*
Makiki-Mānoa	-12	20	26	32	7	-3	6	-9	-8	6	-1	-1	0	1	5	1	2	8	0	2	-2	0	-1	13	-6	8	*92*
UH Mānoa	0	2	2	5	-1	3	-4	3	-2	-1	0	-3	0	-1	0	1	0	2	1	-1	0	0	0	-1	-1	2	*6*
Ala Moana Center	-3	-1	-4	0	1	3	-3	0	-1	-2	1	2	0	-1	0	0	0	0	-1	0	0	0	0	1	0	0	*-8*
Total	*373*	*89*	*115*	*401*	*288*	*68*	*227*	*384*	*194*	*622*	*292*	*838*	*70*	*433*	*148*	*120*	*59*	*61*	*-10*	*12*	*18*	*-8*	*233*	*96*	*235*	*116*	*5476*

Table 3-30. Difference in Off Peak Period Transit Trips (Production to Attraction Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-14	-2	0	-2	10	-2	-2	-7	3	6	0	-2	0	4	2	-1	-1	4	0	-4	1	0	0	-6	-3	-3	*-20*
Kakaʻako	-6	-2	0	-4	13	-7	-4	5	0	-3	0	3	0	2	-4	2	0	1	0	-2	-3	0	1	7	-1	0	*-2*
Mōʻiliʻili	-9	7	-1	10	1	2	5	3	-17	12	1	0	-1	1	-2	1	-2	8	7	-3	-2	-2	-2	-5	2	0	*13*
Waikīkī	-17	-4	0	-5	159	1	-10	-19	1	26	2	3	1	-5	0	-1	2	4	0	-1	-5	4	-1	-10	4	-16	*114*
Kaimukī-Waiʻalae	10	6	10	5	42	-5	17	-7	6	7	4	-5	1	-4	5	0	1	7	-1	5	-3	2	-2	-12	11	6	*107*
Palama-Liliha	-13	1	3	-3	2	19	-2	-5	0	4	0	-7	1	8	-1	0	5	0	6	1	1	0	1	-7	3	2	*17*
Kalihi-Iwilei	-10	6	-1	-2	9	5	19	3	6	17	0	3	0	-1	2	0	0	-2	-5	1	1	-1	-4	-2	0	6	*52*
Airport-Pearl Harbor	6	1	2	1	1	0	-1	-28	20	8	0	4	0	3	-2	2	2	-1	-3	1	0	2	-2	2	1	-3	*16*
Salt Lake-Āliamanu	-11	-12	2	0	-7	-2	2	99	27	0	1	-7	-3	12	1	6	-1	4	-4	2	3	1	0	2	-2	3	*114*
Pearl City-ʻAiea	23	12	24	1	12	15	29	81	4	219	15	16	0	42	2	5	8	0	9	4	2	-4	3	3	35	6	*568*
ʻEwa	8	9	12	6	-2	17	22	8	0	17	56	123	4	42	2	-1	-6	11	2	-4	5	-1	3	6	9	2	*350*
Kapolei	19	9	7	27	8	0	17	22	0	1	33	42	-3	25	0	5	2	4	3	-2	4	1	-1	-4	14	25	*258*
Makakilo	4	3	5	9	5	-1	10	16	-3	10	4	17	6	-2	4	3	0	0	1	1	0	0	5	0	5	-2	*99*
Waipahu-Waikele	8	2	6	14	16	-6	6	-4	3	26	19	47	6	81	8	7	12	-1	4	3	-7	1	3	-1	0	-4	*250*
Waiawa	12	10	16	21	5	1	7	9	1	-24	5	12	9	41	14	26	2	2	1	1	-1	1	-1	-3	3	-2	*167*
Mililani	19	-11	8	3	2	-5	11	39	-1	8	13	11	0	27	13	36	13	6	0	-3	-2	2	3	1	13	-1	*203*
Wahiawa	12	6	-6	2	7	2	-13	16	9	-6	-1	-5	3	11	-2	18	3	-2	-1	4	0	4	-1	4	9	0	*73*
East Honolulu	24	4	1	17	19	8	-13	4	-4	7	5	5	-1	-3	-1	-1	4	1	0	8	2	0	1	2	12	9	*110*
Kāneʻohe	2	1	-2	0	1	-1	-1	-5	-7	16	2	-1	0	0	-2	0	0	1	4	1	-2	0	0	-3	-2	-1	*2*
Kailua	-7	-2	2	1	-3	0	3	-2	-2	4	-1	4	1	4	0	2	-2	1	-5	6	-3	2	-1	0	2	-3	*2*
Koʻolau Loa	-2	0	3	-1	1	-2	1	1	-3	1	1	3	-1	-1	3	0	-3	0	0	0	-2	3	1	2	0	-1	*5*
North Shore	-2	3	5	1	4	0	3	-1	1	2	0	2	3	2	2	-1	-4	0	0	0	2	4	-2	2	-4	-1	*22*
Waiʻanae	0	16	4	1	-1	3	10	16	-4	-4	5	30	-3	16	1	-1	6	3	7	-5	2	0	39	10	5	2	*159*
Makiki-Mānoa	3	-12	15	6	3	0	-7	4	2	4	2	3	0	1	-4	-1	-1	-4	0	-3	2	1	1	-3	13	5	*27*
UH Mānoa	0	1	1	1	2	-3	4	-2	1	1	0	3	0	1	-1	-1	0	-1	-1	1	0	0	0	3	1	0	*11*
Ala Moana Center	-2	0	2	-1	0	-4	2	0	0	2	-1	0	0	1	0	-1	0	0	-1	-1	0	0	0	0	1	0	*-2*
Total	*59*	*50*	*119*	*107*	*309*	*35*	*114*	*245*	*43*	*363*	*164*	*302*	*23*	*308*	*40*	*105*	*38*	*48*	*23*	*9*	*-6*	*20*	*45*	*-14*	*134*	*28*	*2712*

Table 3-31. Difference in To and From Work Transit Trips (Production to Attraction Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	-1	-4	-3	-5	3	-5	-1	0	-12	13	1	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	*-7*
Kakaʻako	-12	0	-1	-9	3	-8	-7	0	-9	9	1	1	0	1	0	0	0	2	-1	-1	0	0	0	3	1	-1	*-24*
Mōʻiliʻili	-25	13	1	19	6	-5	-4	0	-8	11	1	1	0	1	1	0	1	4	0	-1	0	0	0	10	3	4	*32*
Waikīkī	-29	-13	-15	-18	16	-2	-5	-2	-5	5	0	1	0	1	0	0	0	1	0	-1	0	0	0	2	2	-1	*-62*
Kaimukī-Waiʻalae	24	8	7	30	20	1	5	2	-5	8	1	1	0	1	1	0	0	5	0	0	0	0	0	1	1	1	*116*
Palama-Liliha	-20	-3	-4	-3	1	21	-5	-5	-12	26	1	3	0	3	1	1	1	1	0	0	0	0	0	0	1	2	*9*
Kalihi-Iwilei	1	-2	0	-2	1	-12	18	3	-2	15	0	2	0	1	0	0	0	1	0	0	0	0	0	0	1	2	*30*
Airport-Pearl Harbor	4	1	1	0	0	0	3	4	13	15	0	1	0	8	3	0	0	0	0	0	0	0	0	0	1	0	*54*
Salt Lake-Āliamanu	-31	-12	-8	-8	-2	-6	-2	170	54	11	1	4	0	6	1	2	1	0	-3	-2	0	0	0	-1	-1	-2	*174*
Pearl City-ʻAiea	112	25	21	16	7	15	54	94	58	270	11	36	3	59	20	12	5	2	5	5	0	0	2	3	12	8	*854*
ʻEwa	67	16	29	67	13	10	56	30	16	12	115	337	27	42	6	5	3	4	2	2	1	1	26	4	14	10	*914*
Kapolei	27	8	12	38	4	3	22	16	8	12	72	166	16	30	5	6	3	2	1	1	0	0	16	2	10	6	*486*
Makakilo	24	7	10	29	4	3	18	16	7	10	31	97	2	18	3	4	3	1	1	1	0	0	10	1	8	5	*313*
Waipahu-Waikele	43	9	19	60	4	2	5	10	5	21	32	66	7	81	20	16	5	1	1	1	0	1	3	1	10	8	*433*
Waiawa	63	13	26	100	5	3	10	3	5	-9	10	29	3	43	7	22	8	2	1	1	0	0	2	2	9	9	*364*
Mililani	47	13	12	16	7	2	14	4	1	8	9	29	3	25	17	0	7	2	1	2	0	0	2	2	14	4	*239*
Wahiawa	16	6	7	9	3	2	6	0	0	2	2	9	1	7	4	-2	0	1	0	1	0	0	1	1	9	3	*90*
East Honolulu	42	10	25	10	13	1	10	5	-2	9	1	2	0	2	1	1	1	19	1	1	0	0	0	4	5	3	*163*
Kāneʻohe	-2	-1	-1	-3	1	-2	2	1	-14	16	1	3	0	2	1	1	1	1	0	0	0	0	0	0	0	0	*6*
Kailua	-3	-2	-1	-3	1	-3	-3	1	-12	16	1	3	0	3	1	1	1	2	0	0	0	0	0	0	0	0	*2*
Koʻolau Loa	0	0	0	-1	0	0	1	0	-3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
North Shore	8	2	3	2	2	0	0	0	-2	1	1	3	0	3	0	0	0	1	0	0	0	0	0	1	5	0	*29*
Waiʻanae	38	10	10	12	5	2	16	20	7	11	13	64	5	17	4	4	4	2	1	1	0	0	82	2	17	4	*353*
Makiki-Mānoa	-9	8	31	35	4	-3	-1	0	-4	9	0	1	0	1	1	0	0	3	0	0	0	0	0	5	5	9	*96*
UH Mānoa	0	3	3	5	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	*14*
Ala Moana Center	-4	-1	1	-1	0	-1	-1	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-6*
Total	*380*	*109*	*184*	*398*	*122*	*20*	*210*	*373*	*85*	*503*	*304*	*861*	*70*	*359*	*96*	*74*	*46*	*60*	*9*	*11*	*1*	*3*	*146*	*44*	*127*	*73*	*4670*

Table 3-32. Difference in While at Work Transit Trips (Production to Attraction Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-17	-1	0	1	1	0	-2	0	-1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	-1	0	2	*-16*
Kakaʻako	-1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Mōʻiliʻili	-1	0	1	0	2	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*3*
Waikīkī	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*6*
Kaimukī-Waiʻalae	1	0	1	2	14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	*20*
Palama-Liliha	0	0	0	0	1	1	-1	1	-1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Kalihi-Iwilei	1	2	1	0	1	1	23	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*36*
Airport-Pearl Harbor	2	1	0	0	0	1	1	-38	11	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	*-19*
Salt Lake-Āliamanu	0	0	0	0	0	1	3	14	10	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	*35*
Pearl City-ʻAiea	1	1	0	0	0	0	1	5	3	22	0	0	0	5	-2	3	1	0	0	0	0	0	0	0	0	0	*42*
ʻEwa	0	0	0	0	0	0	0	0	0	0	5	5	0	5	1	0	0	0	0	0	0	0	0	0	0	0	*17*
Kapolei	0	0	0	0	0	0	0	0	0	0	6	-7	1	6	1	1	0	0	0	0	0	0	0	0	0	0	*9*
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Waipahu-Waikele	0	0	0	0	0	0	0	1	0	5	5	5	0	18	4	5	1	0	0	0	0	0	0	0	0	0	*45*
Waiawa	0	0	0	0	0	0	0	0	0	0	0	1	0	5	2	3	1	0	0	0	0	0	0	0	0	0	*12*
Mililani	0	0	0	0	0	0	0	0	0	3	0	1	0	5	3	9	3	0	0	0	0	0	0	0	0	0	*24*
Wahiawa	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	3	1	0	0	0	0	0	0	0	0	0	*8*
East Honolulu	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Kāneʻohe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kailua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waiʻanae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Makiki-Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Ala Moana Center	-1	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-3*
Total	*-15*	*4*	*2*	*5*	*26*	*5*	*26*	*-15*	*24*	*43*	*16*	*6*	*1*	*48*	*11*	*26*	*7*	*2*	*0*	*0*	*0*	*0*	*1*	*0*	*1*	*3*	*228*

Table 3-33. Difference in To and From School/University Transit Trips (Production to Attraction Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	1	0	0	0	0	-1	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	*3*
Kakaʻako	-2	0	1	0	2	-1	-1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	3	0	*4*
Mōʻiliʻili	-2	0	-1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	6	6	0	*9*
Waikīkī	-2	0	0	0	8	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	*9*
Kaimukī-Waiʻalae	2	0	2	1	7	0	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	1	5	0	*21*
Palama-Liliha	-4	0	0	0	0	52	-4	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	4	0	*48*
Kalihi-Iwilei	0	0	0	0	1	-4	1	0	-1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	*1*
Airport-Pearl Harbor	1	0	0	0	0	0	1	1	3	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6	0	*18*
Salt Lake-Āliamanu	-8	0	-1	0	-3	-2	-6	16	43	-14	0	1	0	3	0	0	0	0	-1	0	-1	0	0	0	-4	0	*21*
Pearl City-ʻAiea	20	0	1	0	12	1	12	2	-1	74	1	12	0	32	3	1	0	0	1	0	1	0	1	0	81	0	*257*
ʻEwa	6	0	1	0	9	2	12	0	1	4	26	36	6	5	0	0	0	1	0	0	2	0	3	2	6	0	*121*
Kapolei	3	0	1	0	4	1	5	0	1	4	15	43	5	7	0	0	0	1	0	0	2	0	3	1	7	0	*106*
Makakilo	3	1	1	0	4	1	5	1	1	4	5	21	-1	8	0	0	0	1	0	0	2	0	3	2	8	0	*69*
Waipahu-Waikele	3	1	2	0	5	3	1	1	0	2	16	18	3	35	6	5	2	1	0	0	4	0	3	2	22	0	*137*
Waiawa	3	0	1	0	7	1	3	0	0	-4	2	9	1	69	4	5	2	1	1	0	0	0	1	1	14	0	*119*
Mililani	1	0	1	0	6	0	2	0	0	0	1	13	0	4	6	-12	3	1	0	0	0	0	1	1	21	0	*50*
Wahiawa	3	0	0	0	3	0	3	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	1	0	18	0	*32*
East Honolulu	4	0	2	0	8	0	2	0	0	1	0	1	0	1	0	0	0	16	0	0	0	0	0	2	15	0	*53*
Kāneʻohe	0	0	0	0	0	-1	-1	0	-1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Kailua	0	0	0	0	0	0	-1	0	-1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
North Shore	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6	0	*9*
Waiʻanae	4	0	1	0	3	1	3	0	0	1	0	12	1	6	0	0	0	1	0	0	1	0	106	1	10	0	*151*
Makiki-Mānoa	0	2	6	0	2	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	3	2	0	*16*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*36*	*4*	*16*	*1*	*79*	*51*	*34*	*21*	*44*	*82*	*65*	*175*	*16*	*174*	*21*	*-1*	*9*	*30*	*3*	*2*	*10*	*1*	*121*	*26*	*238*	*0*	*1259*

Table 3-34. Difference in To and From Shopping/Other Transit Trips (Production to Attraction Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	-1	-1	0	1	1	0	0	0	-1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	0	2	*-1*
Kakaʻako	-2	-1	0	0	1	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mōʻiliʻili	-1	1	0	1	4	0	0	0	-1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	*8*
Waikīkī	-1	-1	-1	0	21	0	0	0	-1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	*20*
Kaimukī-Waiʻalae	7	4	9	7	23	2	3	1	0	1	0	1	0	0	0	0	0	2	0	0	0	0	0	3	3	5	*74*
Palama-Liliha	-1	1	0	0	2	4	-1	4	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	*15*
Kalihi-Iwilei	0	1	0	0	1	3	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*15*
Airport-Pearl Harbor	1	1	0	0	0	1	1	2	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*20*
Salt Lake-Āliamanu	-12	-3	-2	-2	0	-1	12	50	33	-15	0	0	0	1	0	1	0	0	-1	-1	0	0	0	-1	0	-2	*57*
Pearl City-ʻAiea	24	8	7	5	6	9	23	43	31	202	2	5	1	15	4	7	3	1	1	3	1	1	0	3	2	7	*414*
ʻEwa	4	2	2	3	3	2	4	1	3	8	33	52	2	22	3	5	2	1	1	2	0	1	1	1	1	1	*160*
Kapolei	1	1	1	1	1	1	2	1	1	2	5	-12	-1	4	2	3	1	0	0	1	0	0	0	0	0	0	*20*
Makakilo	1	1	1	1	1	1	2	2	1	3	3	-15	0	4	2	2	1	0	0	1	0	0	1	1	0	0	*15*
Waipahu-Waikele	3	1	1	1	2	1	1	2	2	15	8	17	2	38	13	9	2	0	0	0	0	0	0	1	0	1	*120*
Waiawa	1	1	0	1	2	1	2	5	3	-19	1	5	0	24	11	16	3	0	0	0	0	0	0	0	0	1	*57*
Mililani	6	1	1	1	1	1	4	9	4	20	3	12	1	20	15	48	11	0	0	1	0	0	1	0	0	1	*162*
Wahiawa	0	0	0	0	1	0	1	4	2	7	1	5	0	4	2	10	4	0	0	0	0	0	1	0	0	0	*40*
East Honolulu	0	0	1	2	5	0	0	0	-2	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	*11*
Kāneʻohe	0	0	0	0	1	0	0	1	-4	3	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	0	*5*
Kailua	0	0	0	0	1	0	0	0	-4	3	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	*3*
Koʻolau Loa	0	0	0	0	1	0	0	0	-2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
North Shore	0	0	0	0	1	0	0	2	0	6	1	6	0	2	0	1	0	0	0	0	0	0	1	0	0	0	*21*
Waiʻanae	1	1	2	2	4	1	4	2	2	7	1	11	1	0	1	5	3	1	1	1	1	1	6	1	1	1	*59*
Makiki-Mānoa	0	-2	3	2	3	0	0	0	-1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	*10*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*33*	*18*	*26*	*25*	*86*	*24*	*62*	*130*	*75*	*262*	*60*	*92*	*8*	*137*	*53*	*109*	*30*	*10*	*3*	*8*	*3*	*3*	*11*	*11*	*8*	*22*	*1308*

Table 3-35. Difference in Do not Originate/End at Work/Home Transit Trips (Production to Attraction Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2
Kakaʻako	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mōʻiliʻili	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Waikīkī	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Kaimukī-Waiʻalae	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Palama-Liliha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Kalihi-Iwilei	0	1	0	0	0	1	7	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Airport-Pearl Harbor	0	0	0	0	0	0	0	-6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salt Lake-Āliamanu	0	0	0	0	0	0	1	5	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Pearl City-ʻAiea	0	0	0	0	0	0	1	1	1	20	0	0	0	3	-1	2	1	0	0	0	0	0	0	0	0	0	30
ʻEwa	0	0	0	0	0	0	0	0	0	0	3	3	0	2	0	1	0	0	0	0	0	0	0	0	0	0	12
Kapolei	0	0	0	0	0	0	0	0	0	0	3	-5	-1	2	1	1	0	0	0	0	0	0	0	0	0	0	4
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	3	2	2	0	9	2	3	1	0	0	0	0	0	0	0	0	0	23
Waiawa	0	0	0	0	0	0	0	0	0	0	0	1	0	3	2	2	0	0	0	0	0	0	0	0	0	0	8
Mililani	0	0	0	0	0	0	0	0	0	1	0	1	0	2	2	6	1	0	0	0	0	0	0	0	0	0	15
Wahiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	5
East Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Kāneʻohe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kailua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Waiʻanae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
Makiki-Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ala Moana Center	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
Total	*-1*	*1*	*1*	*1*	*11*	*2*	*10*	*2*	*8*	*29*	*11*	*4*	*0*	*25*	*7*	*17*	*4*	*1*	*0*	*1*	*0*	*1*	*2*	*0*	*0*	*1*	*140*

Table 3-36. Difference in Ground Access Air Passenger Transit Trips (Production to Attraction Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-3*
Kakaʻako	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mōʻiliʻili	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waikīkī	0	0	0	0	0	0	0	-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-40*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Palama-Liliha	0	0	0	0	0	0	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-2*
Kalihi-Iwilei	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Airport-Pearl Harbor	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-1*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*20*
Pearl City-ʻAiea	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*16*
ʻEwa	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*3*
Kapolei	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*17*
Makakilo	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*7*
Waipahu-Waikele	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*5*
Waiawa	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*6*
Mililani	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*23*
Wahiawa	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*10*
East Honolulu	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Kāneʻohe	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-1*
Kailua	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-1*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waiʻanae	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*9*
Makiki-Mānoa	0	0	0	0	0	0	0	-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-5*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*68*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*68*

Table 3-37. Difference in Visitor Transit Trips (Production to Attraction Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	1	*0*
Kakaʻako	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mōʻiliʻili	0	0	0	0	2	0	-2	0	0	3	0	0	0	0	0	0	0	-2	0	0	0	-1	0	0	0	0	*0*
Waikīkī	-28	1	-1	-6	256	0	-6	26	0	56	0	0	0	0	0	0	0	0	0	0	-2	0	0	-2	-7	-10	*277*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Palama-Liliha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kalihi-Iwilei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Airport-Pearl Harbor	1	0	0	2	0	0	0	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	*9*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Pearl City-ʻAiea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
ʻEwa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Kapolei	17	1	3	40	4	1	5	17	0	3	0	0	0	0	0	0	0	2	0	0	0	1	0	1	1	37	*132*
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mililani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Wahiawa	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
East Honolulu	6	1	2	39	10	0	1	2	0	1	0	0	0	0	0	0	0	6	0	0	1	1	0	1	1	13	*84*
Kāneʻohe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kailua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	*1*
North Shore	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
Waiʻanae	2	0	0	5	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	*13*
Makiki-Mānoa	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-1*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*-1*	*3*	*4*	*78*	*273*	*1*	*-1*	*50*	*0*	*66*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*6*	*0*	*0*	*-2*	*1*	*0*	*0*	*-4*	*45*	*520*

Table 3-38. Difference in A.M. Peak Two Hour Transit Trips (Origin to Destination Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-10	-2	-7	-2	8	3	-2	1	-5	4	2	6	-1	3	0	-1	0	-7	3	2	-1	-3	2	3	-7	11	*0*
Kakaʻako	-2	-5	1	3	-9	-5	2	-8	1	3	1	-1	-2	2	0	-1	4	7	1	1	1	1	-2	2	5	-4	*-4*
Mōʻiliʻili	-10	1	-2	6	1	4	1	0	-10	7	2	4	-1	-4	-1	1	-1	0	-2	8	2	-3	1	4	1	3	*12*
Waikīkī	-12	-4	2	-17	39	1	1	-1	-3	10	-1	0	-1	6	-2	0	0	3	4	-4	-2	4	-2	0	-5	-2	*14*
Kaimukī-Waiʻalae	17	-10	18	1	30	-4	-4	4	2	4	-1	4	-2	0	4	-2	0	-2	-3	-2	3	0	-1	0	-12	-5	*39*
Palama-Liliha	-19	3	1	-2	6	25	4	-10	9	3	-1	-2	0	-3	8	4	-1	-6	-2	8	1	1	0	-2	-3	4	*26*
Kalihi-Iwilei	6	-6	11	0	-6	-9	4	-3	7	2	-1	4	-1	4	1	-3	0	0	5	-1	-2	1	-1	-4	11	-3	*16*
Airport-Pearl Harbor	-2	2	5	-3	-3	2	1	-6	8	7	1	1	1	5	1	0	-2	2	-1	-2	3	-1	0	3	2	-1	*23*
Salt Lake-Āliamanu	1	-6	-4	-3	7	0	-2	56	33	8	3	0	1	4	-2	0	2	-6	3	-8	-5	-4	5	-5	4	1	*83*
Pearl City-ʻAiea	49	1	9	2	-6	12	20	22	34	94	3	10	6	24	6	1	6	-1	4	-1	-1	0	-2	2	35	1	*330*
ʻEwa	11	7	13	24	3	5	13	5	9	9	39	112	5	10	3	8	0	0	1	0	3	2	9	4	7	-5	*297*
Kapolei	10	5	5	19	2	2	3	7	2	2	32	52	6	12	-2	7	-1	-1	1	3	-1	0	4	0	4	2	*175*
Makakilo	4	9	-2	6	2	1	3	4	2	5	5	36	-2	8	-1	1	3	1	1	1	2	0	3	5	2	2	*101*
Waipahu-Waikele	8	3	5	22	0	2	6	11	-5	9	16	10	8	34	4	6	2	-1	-2	4	5	-3	3	7	4	4	*162*
Waiawa	20	5	9	24	7	3	-1	-1	3	2	10	4	2	25	3	9	3	2	1	0	-1	-3	2	0	8	-3	*133*
Mililani	12	8	0	3	5	2	5	2	3	-1	-5	15	0	14	1	-4	9	-1	3	-2	-2	3	1	0	9	2	*82*
Wahiawa	3	5	-6	-3	3	-2	7	-4	4	-1	1	4	2	1	1	4	-5	1	0	2	-2	3	-5	3	8	7	*31*
East Honolulu	18	1	2	15	4	-2	0	3	1	-1	-1	4	0	-4	0	1	0	7	-5	5	3	-1	0	-7	7	3	*53*
Kāneʻohe	5	-6	-1	0	-4	-1	-2	5	-11	10	-1	8	2	-2	2	-2	-5	1	-6	1	0	-1	0	3	4	1	*0*
Kailua	4	1	-8	-3	4	-1	-5	-9	8	1	-2	-3	2	5	-2	1	3	1	4	-2	4	1	-2	-1	-3	3	*1*
Koʻolau Loa	0	0	0	-1	2	0	-1	-2	1	1	0	1	0	0	1	0	0	-1	0	0	0	0	-1	0	0	0	*0*
North Shore	2	-1	4	-4	2	2	3	3	-3	0	3	2	1	5	-3	-3	-1	0	0	0	1	-5	4	-3	4	-3	*10*
Waiʻanae	14	2	-4	1	3	1	5	1	1	13	1	13	6	7	-1	1	4	1	-4	0	-1	1	55	-2	9	7	*134*
Makiki-Mānoa	-3	-4	17	4	10	1	4	1	-8	3	-1	3	-2	-1	3	4	-3	-4	1	4	-2	-2	3	1	-1	-3	*25*
UH Mānoa	-1	0	-1	1	2	0	-2	3	0	-1	1	0	0	3	-1	1	-1	1	0	0	0	0	-1	1	-2	2	*5*
Ala Moana Center	0	-2	0	0	0	1	1	-2	0	2	0	-1	1	0	0	0	0	1	0	0	0	1	-1	0	-1	0	*0*
Total	*125*	*7*	*67*	*93*	*112*	*43*	*64*	*82*	*83*	*195*	*106*	*286*	*31*	*158*	*23*	*33*	*16*	*-2*	*7*	*17*	*8*	*-8*	*74*	*14*	*90*	*24*	*1748*

Table 3-39. Difference in A.M. Peak Two Hour Home Based Work Transit Trips (Origin to Destination Format) —2030 TSM Alternative versus 2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	1	-1	1	-1	2	0	0	-1	-1	3	0	0	0	2	-1	0	0	0	0	0	0	0	1	0	-2	0	*3*
Kakaʻako	-3	0	1	0	-1	-2	1	-2	-1	1	0	0	0	1	-1	1	0	0	0	1	0	0	0	1	1	0	*-4*
Mōʻiliʻili	-1	2	0	2	2	-2	-2	2	0	-2	0	1	0	1	0	1	-1	0	0	-1	0	0	0	2	0	0	*5*
Waikīkī	-5	-2	-1	-4	2	1	-1	-1	-2	2	0	0	0	0	0	0	0	2	1	-1	0	0	0	1	-1	0	*-10*
Kaimukī-Waiʻalae	4	-1	1	5	4	-1	2	3	-4	1	-1	2	0	0	0	1	0	0	-2	2	0	0	0	2	0	0	*18*
Palama-Liliha	-1	1	-2	0	0	3	1	-1	-5	2	0	1	0	0	2	0	-1	-1	-1	3	0	1	0	-1	0	2	*4*
Kalihi-Iwilei	0	0	0	0	2	-2	3	-1	1	2	0	0	0	1	-1	0	0	0	-1	0	1	0	0	0	-1	0	*5*
Airport-Pearl Harbor	1	-1	1	-1	0	1	0	1	3	3	0	1	0	2	1	0	0	0	0	0	0	0	0	0	1	0	*14*
Salt Lake-Āliamanu	-5	-4	-2	-2	1	-1	1	36	4	-2	1	0	0	2	-1	0	0	0	-1	-1	-1	0	0	-2	0	-1	*21*
Pearl City-ʻAiea	21	3	1	2	0	5	9	21	7	47	1	10	1	11	3	1	2	1	0	2	0	0	0	0	3	1	*151*
ʻEwa	5	0	4	-1	4	-2	1	3	2	1	18	48	3	6	2	1	1	-1	0	1	-2	1	3	0	2	-2	*98*
Kapolei	5	1	1	2	0	0	0	1	0	3	12	21	2	4	2	0	1	0	0	1	0	0	5	0	2	0	*63*
Makakilo	6	4	-1	6	1	0	1	1	2	1	5	14	0	3	1	1	0	1	0	0	0	0	2	0	2	0	*52*
Waipahu-Waikele	6	-1	2	11	0	0	0	2	1	4	3	14	0	11	3	3	1	1	1	-1	1	0	1	2	0	1	*64*
Waiawa	0	1	0	-3	0	-1	1	1	0	1	1	8	0	8	1	4	3	1	0	0	0	0	1	0	2	0	*24*
Mililani	1	3	0	0	2	0	-1	1	0	3	1	7	0	2	1	3	2	0	0	-1	1	-1	0	-1	0	0	*21*
Wahiawa	4	0	-3	-1	2	-1	1	-1	1	0	1	2	0	1	1	-1	0	0	1	1	0	1	0	1	0	2	*9*
East Honolulu	9	-1	4	3	2	-2	4	-1	0	3	-1	1	0	-1	1	0	0	4	0	1	0	0	0	1	1	0	*28*
Kāneʻohe	1	-2	0	-1	0	-1	2	2	-6	4	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Kailua	2	1	-2	-1	1	-3	-1	0	-1	1	-1	1	0	3	0	-1	1	1	0	-1	0	0	0	0	0	0	*2*
Koʻolau Loa	0	1	0	0	0	0	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*-1*
North Shore	3	0	2	0	0	1	0	1	-1	1	1	1	0	0	2	-2	1	0	0	0	0	0	0	0	0	-1	*7*
Waiʻanae	8	2	2	2	1	0	3	3	4	2	4	14	1	2	1	1	1	0	-1	1	0	0	13	-1	3	1	*71*
Makiki-Mānoa	0	-2	7	8	-1	1	-1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	0	*16*
UH Mānoa	-1	1	1	1	1	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	*2*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*62*	*4*	*16*	*30*	*25*	*-4*	*25*	*71*	*2*	*81*	*44*	*149*	*6*	*61*	*16*	*11*	*10*	*10*	*-2*	*7*	*0*	*0*	*25*	*4*	*13*	*4*	*668*

Table 3-40. Daily Total Transit Trips (Production to Attraction Format) —2030 Project

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	1008	858	860	598	458	585	1457	1035	431	233	17	46	2	210	24	18	11	57	67	82	13	2	3	212	363	1138	*9790*
Kakaʻako	1812	394	791	920	697	560	1270	612	294	155	9	40	1	90	18	14	10	70	47	57	8	3	8	301	448	670	*9300*
Mōʻiliʻili	3908	1394	1054	1204	1688	589	1283	817	327	227	10	43	3	67	18	14	14	220	61	61	24	31	5	498	677	863	*15102*
Waikīkī	4063	1409	1904	1814	3223	572	1141	4053	184	747	8	38	2	709	13	32	52	859	66	446	124	177	20	760	730	5407	*28552*
Kaimukī-Waiʻalae	2537	947	1695	1660	1843	325	633	301	176	115	10	36	3	50	15	11	7	371	25	78	12	3	3	518	708	748	*12830*
Palama-Liliha	3509	1122	771	481	379	1444	2271	1117	813	395	17	76	5	177	31	24	17	46	130	110	19	4	4	216	376	513	*14068*
Kalihi-Iwilei	1992	873	510	359	238	657	1042	1277	620	343	15	60	2	236	35	17	14	52	60	46	7	2	3	119	197	649	*9426*
Airport-Pearl Harbor	924	212	105	299	303	291	866	1530	414	402	31	66	2	697	83	14	7	14	18	26	9	9	4	23	132	404	*6884*
Salt Lake-Āliamanu	1710	1257	353	272	206	465	1238	1933	1858	1023	31	120	7	288	78	40	26	20	71	63	20	5	10	77	565	198	*11932*
Pearl City-ʻAiea	1921	533	406	404	271	364	1203	2061	1332	3437	160	526	31	1482	474	254	136	39	119	97	40	15	26	99	1030	234	*16693*
ʻEwa	1887	730	657	1837	459	344	839	1073	505	812	2897	4143	252	1376	145	162	116	78	75	109	82	19	161	188	912	234	*20091*
Kapolei	1166	391	382	1462	308	196	493	951	276	525	1056	4332	458	783	99	98	77	64	49	63	46	26	408	117	487	742	*15055*
Makakilo	569	237	218	558	164	126	271	315	176	239	292	1867	254	295	42	48	37	29	30	38	29	6	142	71	301	78	*6432*
Waipahu-Waikele	1545	428	674	2140	288	242	696	1288	416	1300	1018	1298	110	2522	728	420	198	52	50	62	52	21	62	134	824	333	*16900*
Waiawa	959	276	432	1247	199	145	410	614	326	1016	233	641	51	1516	896	770	386	35	45	56	39	29	36	79	448	187	*11069*
Mililani	1243	380	358	397	253	184	505	633	324	674	143	522	31	895	640	1928	1189	40	48	57	47	73	35	86	652	133	*11470*
Wahiawa	652	237	216	260	156	108	281	351	187	295	74	278	18	370	204	1033	1259	27	32	41	42	105	27	66	411	98	*6826*
East Honolulu	1606	461	843	827	1525	202	389	251	143	110	15	59	3	49	16	16	10	1567	32	195	20	6	8	270	649	358	*9630*
Kāneʻohe	1623	389	295	269	198	460	626	429	287	208	21	69	7	99	28	22	15	28	1868	670	148	8	9	75	454	171	*8475*
Kailua	2220	472	343	298	231	422	539	407	222	184	23	78	5	98	25	22	18	87	545	2162	42	6	11	86	463	192	*9201*
Koʻolau Loa	244	82	78	130	53	42	85	116	48	51	10	38	2	19	9	12	14	12	74	28	1066	47	2	26	98	99	*2484*
North Shore	505	209	190	234	128	99	224	235	140	131	31	118	6	135	60	175	290	25	29	32	285	770	14	60	297	105	*4528*
Waiʻanae	1210	496	445	600	310	220	523	894	401	356	165	1715	115	365	80	90	79	55	64	81	24	12	2460	125	562	224	*11674*
Makiki-Mānoa	2540	905	1063	821	846	461	890	469	223	126	10	35	3	121	13	13	11	87	37	50	12	24	4	527	986	679	*10955*
UH Mānoa	284	103	139	108	142	38	79	34	22	11	2	3	0	52	1	1	1	21	3	4	1	0	1	58	11	91	*1211*
Ala Moana Center	685	246	72	98	35	20	354	230	10	21	4	7	0	82	5	1	0	4	2	3	0	0	0	16	13	0	*1908*
Total	*42322*	*15040*	*14854*	*19296*	*14600*	*9161*	*19608*	*23030*	*10156*	*13137*	*6302*	*16252*	*1374*	*12784*	*3779*	*5250*	*3995*	*3961*	*3647*	*4716*	*2210*	*1403*	*3464*	*4807*	*12790*	*14550*	*282489*

Table 3-41. Peak Period Transit Trips (Production to Attraction Format) —2030 Project

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	367	368	551	412	292	389	539	361	276	139	5	29	0	37	8	16	9	30	48	54	8	2	0	131	238	296	*4606*
Kakaʻako	1100	244	507	636	469	389	786	284	207	107	4	27	0	36	9	8	8	50	28	44	5	2	4	221	292	245	*5710*
Mōʻiliʻili	2707	925	702	772	1090	408	866	372	235	148	7	31	3	47	14	10	12	160	41	39	14	13	1	345	455	420	*9839*
Waikīkī	2380	848	1028	924	1697	321	650	1165	115	361	3	20	1	336	7	17	24	416	33	215	59	79	8	424	438	2471	*14039*
Kaimukī-Waiʻalae	1816	650	1170	1133	1242	221	416	187	116	75	6	28	1	36	13	7	6	266	16	43	8	1	3	362	466	391	*8679*
Palama-Liliha	2423	729	486	333	234	1109	1471	640	523	271	12	47	3	99	22	20	11	33	99	69	13	3	1	142	254	272	*9319*
Kalihi-Iwilei	947	498	324	256	161	487	395	489	403	182	4	36	0	46	20	11	5	30	38	33	3	0	2	81	133	205	*4791*
Airport-Pearl Harbor	350	70	64	158	143	142	225	445	241	171	4	16	2	93	35	9	6	5	13	13	5	4	1	13	87	104	*2421*
Salt Lake-Āliamanu	1198	686	243	185	142	327	798	1221	1300	665	19	74	3	208	51	30	16	13	43	40	16	0	7	54	388	118	*7845*
Pearl City-ʻAiea	1381	341	293	293	178	243	803	1289	870	2266	108	338	21	945	321	176	99	28	78	67	29	10	9	64	694	142	*11085*
ʻEwa	1435	520	503	1395	340	257	596	615	355	558	2094	2765	177	801	97	109	82	57	54	72	67	13	126	145	668	153	*14053*
Kapolei	788	283	272	933	201	142	322	423	185	345	705	2789	330	415	60	66	52	35	37	44	36	12	317	86	351	358	*9586*
Makakilo	418	178	160	421	118	93	195	201	121	169	210	1196	196	203	23	34	24	20	21	26	27	6	115	57	226	51	*4510*
Waipahu-Waikele	1032	289	507	1634	217	179	371	473	272	733	714	762	86	1401	370	302	146	41	32	37	40	18	44	107	588	190	*10582*
Waiawa	697	181	315	952	128	90	274	343	198	616	174	424	35	862	579	552	291	20	27	36	30	25	29	57	320	123	*7377*
Mililani	884	283	250	294	182	131	354	408	208	444	100	382	21	586	446	1356	854	30	27	41	38	55	24	58	455	84	*7995*
Wahiawa	471	165	148	194	108	81	185	227	124	192	56	188	10	244	138	694	855	13	18	29	27	79	20	44	283	67	*4661*
East Honolulu	1172	316	587	569	1017	139	278	150	95	73	9	33	1	36	6	10	7	1074	26	126	14	3	2	201	430	180	*6553*
Kāneʻohe	1162	281	208	190	139	349	426	287	202	140	12	36	4	63	19	13	8	21	1293	460	106	4	7	55	302	98	*5885*
Kailua	1579	327	234	201	160	310	370	251	158	115	15	43	5	70	10	15	12	60	362	1492	28	4	9	58	318	107	*6312*
Koʻolau Loa	167	58	48	76	29	28	52	54	28	29	4	20	1	10	3	7	9	6	43	15	761	26	2	16	73	47	*1611*
North Shore	366	153	128	163	89	75	152	148	85	88	17	69	2	88	39	122	202	18	18	19	215	524	9	41	212	61	*3102*
Waiʻanae	867	343	316	412	209	158	353	584	270	210	109	1077	73	258	50	57	53	36	39	49	14	9	1853	82	390	132	*8002*
Makiki-Mānoa	1788	609	711	581	545	345	595	254	159	89	5	25	1	65	8	8	8	62	27	33	4	11	4	386	650	333	*7304*
UH Mānoa	192	62	88	73	80	26	54	19	13	8	1	3	0	24	0	1	1	12	2	2	0	0	0	37	5	50	*752*
Ala Moana Center	70	34	44	65	17	10	29	10	5	3	1	0	0	0	0	1	0	4	1	1	0	0	0	7	8	0	*309*
Total	*27759*	*9442*	*9887*	*13253*	*9227*	*6449*	*11554*	*10901*	*6765*	*8195*	*4397*	*10459*	*975*	*7009*	*2347*	*3652*	*2800*	*2540*	*2464*	*3097*	*1569*	*901*	*2597*	*3274*	*8720*	*6696*	*176929*

Table 3-42. Off Peak Period Transit Trips (Production to Attraction Format) —2030 Project

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	641	490	309	186	166	196	918	674	155	94	13	17	2	173	17	3	2	27	20	28	4	0	2	81	124	842	*5183*
Kakaʻako	712	150	283	285	228	171	485	328	88	48	5	13	0	54	10	6	2	20	19	14	3	2	4	80	155	425	*3589*
Mōʻiliʻili	1201	469	352	432	598	181	417	445	92	80	2	11	0	20	5	4	2	60	20	22	11	17	4	153	222	443	*5263*
Waikīkī	1683	561	875	890	1527	251	492	2888	69	385	5	18	1	373	6	16	27	443	34	232	65	98	12	337	292	2936	*14514*
Kaimukī-Waiʻalae	720	297	525	527	601	103	217	114	61	40	5	8	2	14	2	4	1	105	10	35	4	2	0	155	242	357	*4151*
Palama-Liliha	1086	393	285	148	146	335	800	478	289	124	5	29	3	77	9	4	7	14	31	41	6	1	2	74	122	242	*4750*
Kalihi-Iwilei	1045	374	186	103	77	170	647	788	218	161	11	24	2	190	14	6	9	22	22	12	3	2	1	38	64	444	*4634*
Airport-Pearl Harbor	574	142	41	141	160	149	641	1085	173	231	27	50	1	604	48	4	1	9	5	12	3	5	3	9	45	300	*4463*
Salt Lake-Āliamanu	512	571	110	87	63	137	440	712	557	358	12	46	4	80	27	10	9	7	28	23	4	5	3	23	177	80	*4087*
Pearl City-ʻAiea	540	192	114	111	93	121	400	772	462	1171	52	188	10	537	153	78	37	11	41	30	11	5	17	35	335	93	*5608*
ʻEwa	451	210	154	442	119	88	243	458	150	254	803	1378	75	575	48	52	34	21	21	37	15	5	35	43	244	81	*6038*
Kapolei	378	108	110	529	107	55	172	528	90	180	351	1543	128	368	39	32	25	29	12	19	10	14	90	31	137	384	*5470*
Makakilo	151	58	58	136	46	33	76	114	55	71	82	670	58	92	19	14	13	9	9	12	2	0	27	13	75	27	*1922*
Waipahu-Waikele	513	139	167	506	71	63	326	815	144	568	304	537	23	1121	358	118	52	11	17	25	12	4	18	27	237	143	*6318*
Waiawa	262	95	117	295	71	54	136	271	128	400	59	217	16	653	317	217	95	15	17	20	9	5	7	22	128	65	*3693*
Mililani	360	97	109	103	71	53	150	225	116	229	43	140	10	309	193	572	335	10	20	16	9	19	11	29	197	49	*3475*
Wahiawa	180	72	68	67	48	27	96	124	63	103	19	90	7	126	66	340	405	13	13	12	15	26	6	22	128	31	*2165*
East Honolulu	434	146	256	258	508	63	111	102	49	37	6	26	2	13	10	6	3	493	6	70	6	3	7	69	218	178	*3078*
Kāneʻohe	461	107	87	80	58	111	199	142	84	69	9	33	3	36	9	9	8	8	575	210	41	4	2	20	152	73	*2589*
Kailua	641	145	109	97	71	112	169	156	65	69	7	35	0	28	15	7	6	27	184	670	14	2	2	27	145	85	*2888*
Koʻolau Loa	77	24	30	54	24	14	32	62	20	22	6	18	2	9	6	5	5	6	31	13	305	21	0	9	25	52	*873*
North Shore	139	57	62	71	39	23	72	87	55	43	13	49	4	47	21	53	89	8	11	13	70	246	5	19	85	44	*1426*
Waiʻanae	343	152	129	188	101	63	170	311	131	147	57	638	43	107	30	33	26	19	25	32	9	3	607	42	172	93	*3672*
Makiki-Mānoa	752	295	352	240	301	116	295	215	65	37	6	10	2	56	5	4	3	25	10	17	7	13	0	141	336	347	*3651*
UH Mānoa	92	41	50	36	63	12	26	16	9	3	1	0	0	28	0	0	0	10	1	1	0	0	1	21	5	41	*457*
Ala Moana Center	615	212	28	33	18	10	325	220	5	18	3	7	0	82	5	0	0	0	1	1	0	0	0	9	6	0	*1598*
Total	*14563*	*5598*	*4967*	*6043*	*5374*	*2712*	*8054*	*12129*	*3391*	*4942*	*1906*	*5794*	*398*	*5775*	*1431*	*1598*	*1194*	*1421*	*1183*	*1619*	*640*	*501*	*866*	*1532*	*4070*	*7854*	*105556*

Table 3-43. To and From Work Transit Trips (Production to Attraction Format) —2030 Project

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	471	396	545	489	215	281	553	410	317	170	6	23	1	34	14	16	8	33	48	64	3	1	1	100	57	260	*4516*
Kakaʻako	1234	277	537	777	317	317	754	348	245	131	6	20	1	22	15	9	8	43	33	47	1	1	2	137	92	195	*5570*
Mōʻiliʻili	2855	1039	752	832	672	372	839	374	276	156	6	25	2	23	16	11	11	107	37	49	3	1	2	204	140	367	*9171*
Waikīkī	1622	770	647	481	497	190	413	176	127	70	3	11	1	13	9	7	4	63	17	25	2	1	0	151	100	310	*5710*
Kaimukī-Waiʻalae	1973	693	994	1289	661	176	397	213	127	84	6	14	1	16	10	6	3	137	16	23	1	1	1	160	157	319	*7478*
Palama-Liliha	2456	703	450	358	122	390	1091	660	446	265	12	35	2	46	24	16	13	21	69	75	4	2	2	72	55	196	*7583*
Kalihi-Iwilei	1063	508	355	289	101	248	412	552	374	219	6	29	1	35	21	13	11	14	37	33	2	1	2	47	40	181	*4594*
Airport-Pearl Harbor	318	89	60	60	15	55	205	287	212	153	6	16	1	91	44	9	4	2	9	9	1	1	1	9	13	39	*1710*
Salt Lake-Āliamanu	1173	344	226	212	65	209	629	1195	849	529	19	62	5	120	59	27	17	8	37	36	3	2	3	30	46	102	*6006*
Pearl City-ʻAiea	1375	396	287	315	86	184	710	1302	693	1544	104	319	19	541	270	171	99	15	59	57	6	8	12	39	137	113	*8862*
ʻEwa	1594	602	525	1748	235	196	604	660	327	384	977	2203	127	402	78	105	79	40	41	55	18	10	99	77	533	170	*11890*
Kapolei	763	299	260	809	119	102	307	347	180	238	489	2609	204	287	60	71	55	21	24	30	9	6	190	41	267	91	*7877*
Makakilo	468	181	157	519	73	63	186	200	107	114	162	966	80	110	24	31	24	13	14	17	5	3	57	23	162	52	*3812*
Waipahu-Waikele	1140	297	559	2085	116	106	314	451	222	486	301	601	43	685	237	218	127	18	22	29	8	13	20	37	247	205	*8587*
Waiawa	735	186	345	1181	70	67	218	327	166	450	118	354	26	511	334	364	215	11	19	21	5	19	12	25	148	131	*6056*
Mililani	890	311	262	347	109	105	320	448	218	438	102	304	21	295	269	812	572	18	25	30	10	54	15	35	256	90	*6359*
Wahiawa	497	180	150	206	61	60	176	244	122	218	53	168	12	134	113	499	537	11	13	18	10	65	10	27	151	59	*3795*
East Honolulu	1252	333	508	586	471	109	234	165	87	64	6	18	1	14	7	6	3	380	17	82	4	2	1	83	130	129	*4689*
Kāneʻohe	1217	291	201	191	59	222	382	314	185	135	8	28	2	30	16	13	8	12	560	268	41	4	1	27	61	75	*4350*
Kailua	1552	350	244	235	80	222	342	274	159	126	10	27	2	26	15	12	9	47	255	718	9	2	1	36	71	91	*4915*
Koʻolau Loa	169	46	39	52	15	19	37	41	19	16	2	6	0	4	3	4	6	3	40	10	425	26	0	4	34	15	*1035*
North Shore	402	147	125	165	50	46	133	148	75	76	15	46	2	50	40	101	159	9	12	10	114	262	3	17	125	45	*2376*
Waiʻanae	959	356	303	429	135	117	319	612	249	162	93	897	50	163	49	55	49	21	27	30	4	4	537	45	317	111	*6093*
Makiki-Mānoa	1870	649	605	658	320	232	497	250	171	98	5	15	1	17	9	10	3	43	26	36	2	1	0	145	108	234	*6006*
UH Mānoa	196	75	97	86	57	22	48	25	16	8	1	1	0	3	0	1	1	10	2	3	0	0	0	23	5	48	*730*
Ala Moana Center	99	57	59	89	28	17	47	12	9	5	0	1	0	1	0	1	0	3	2	2	0	0	0	12	10	0	*454*
Total	*28342*	*9577*	*9292*	*14488*	*4751*	*4128*	*10167*	*10039*	*5977*	*6338*	*2517*	*8799*	*602*	*3674*	*1736*	*2587*	*2024*	*1102*	*1462*	*1776*	*691*	*488*	*971*	*1605*	*3461*	*3629*	*140223*

Table 3-44. Non-Home Based Direct Demand Transit Trips (Production to Attraction Format) —2030 Project

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	411	238	0	0	0	0	570	429	0	26	5	9	0	146	9	0	0	0	0	0	0	0	0	0	0	580	*2423*
Kakaʻako	239	0	0	0	0	0	125	87	0	6	1	2	0	32	2	0	0	0	0	0	0	0	0	0	0	179	*674*
Mōʻiliʻili	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waikīkī	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Palama-Liliha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kalihi-Iwilei	587	126	0	0	0	0	357	470	0	28	6	10	0	156	9	0	0	0	0	0	0	0	0	0	0	308	*2056*
Airport-Pearl Harbor	406	89	0	0	0	0	484	720	0	93	22	34	0	547	32	0	0	0	0	0	0	0	0	0	0	207	*2634*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Pearl City-ʻAiea	27	6	0	0	0	0	29	92	0	0	4	7	0	120	7	0	0	0	0	0	0	0	0	0	0	14	*306*
ʻEwa	7	2	0	0	0	0	8	24	0	6	19	71	0	108	5	0	0	0	0	0	0	0	0	0	0	4	*254*
Kapolei	10	2	0	0	0	0	11	35	0	9	70	0	0	154	7	0	0	0	0	0	0	0	0	0	0	5	*302*
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waipahu-Waikele	154	33	0	0	0	0	164	532	0	117	107	157	0	343	184	0	0	0	0	0	0	0	0	0	0	78	*1868*
Waiawa	9	2	0	0	0	0	10	31	0	7	5	8	0	183	0	0	0	0	0	0	0	0	0	0	0	5	*259*
Mililani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Wahiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
East Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kāneʻohe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kailua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waiʻanae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Makiki-Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Ala Moana Center	574	177	0	0	0	0	302	216	0	15	3	5	0	80	5	0	0	0	0	0	0	0	0	0	0	0	*1377*
Total	*2426*	*674*	*0*	*0*	*0*	*0*	*2059*	*2637*	*0*	*306*	*242*	*303*	*0*	*1870*	*260*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*1379*	*12154*

Table 3-45. To and From School/University Transit Trips (Production to Attraction Format) —2030 Project

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	15	44	42	2	114	157	83	6	14	5	1	7	0	24	0	0	0	8	11	2	5	0	0	57	275	0	*872*
Kakaʻako	173	19	82	3	262	125	218	2	7	3	0	10	0	31	0	0	0	15	9	1	5	0	0	106	319	0	*1391*
Mōʻiliʻili	350	57	85	10	602	78	193	3	3	2	0	6	0	38	0	0	0	44	9	0	7	0	0	145	434	0	*2066*
Waikīkī	154	27	75	10	420	22	74	1	1	1	0	6	0	14	0	0	0	15	5	0	3	0	0	68	368	0	*1265*
Kaimukī-Waiʻalae	145	29	234	30	597	45	74	2	4	1	0	8	0	27	0	0	0	125	5	1	5	0	0	174	394	0	*1900*
Palama-Liliha	263	32	27	1	127	680	397	29	68	29	0	23	0	80	1	0	1	6	30	7	11	0	0	48	280	0	*2141*
Kalihi-Iwilei	85	53	25	1	64	272	69	27	65	24	0	12	0	37	1	0	0	6	11	3	4	0	0	34	132	0	*923*
Airport-Pearl Harbor	40	2	1	0	17	13	32	45	67	43	0	8	0	33	1	0	0	1	4	1	2	0	0	1	108	0	*421*
Salt Lake-Āliamanu	201	8	11	1	87	100	189	122	459	172	1	36	0	136	5	2	1	3	17	4	13	0	1	11	497	0	*2078*
Pearl City-ʻAiea	214	8	15	1	118	38	164	69	144	744	14	113	4	584	78	25	11	6	19	6	26	1	5	16	872	0	*3294*
ʻEwa	144	31	52	5	161	85	110	22	30	142	1059	816	62	435	10	11	9	20	14	10	53	3	41	70	356	0	*3754*
Kapolei	71	17	31	4	83	48	54	15	15	82	264	544	148	223	6	5	5	11	7	6	29	2	167	39	186	0	*2065*
Makakilo	47	13	23	2	62	36	37	9	13	55	58	270	110	122	3	3	3	7	6	5	20	1	64	29	129	0	*1124*
Waipahu-Waikele	116	32	52	5	130	85	92	24	31	100	423	269	38	686	135	113	40	20	13	10	35	5	29	69	568	0	*3122*
Waiawa	87	10	16	2	80	26	63	8	10	77	62	135	13	392	199	201	90	7	7	3	24	4	13	21	282	0	*1830*
Mililani	134	12	20	2	106	33	90	8	11	26	12	141	2	413	160	538	283	8	12	4	28	11	11	27	382	0	*2473*
Wahiawa	56	6	12	1	54	17	43	5	6	7	5	56	1	154	25	185	289	5	5	2	24	21	10	14	247	0	*1249*
East Honolulu	120	17	100	8	490	38	53	4	6	6	1	9	0	26	1	1	1	576	4	34	12	1	3	92	427	0	*2028*
Kāneʻohe	173	10	13	9	87	118	85	9	16	15	1	15	0	54	2	1	2	5	693	172	87	1	3	17	380	0	*1966*
Kailua	208	9	13	2	99	104	88	5	9	10	0	17	0	58	1	0	1	12	142	639	25	0	3	17	375	0	*1836*
Koʻolau Loa	11	1	2	0	8	4	4	1	1	1	0	1	0	4	0	0	0	1	5	1	354	1	0	3	54	0	*459*
North Shore	31	8	13	1	39	23	26	7	7	6	1	17	0	51	2	17	38	5	2	3	120	251	3	19	155	0	*845*
Waiʻanae	73	11	20	1	78	30	53	7	11	9	9	164	14	144	1	3	3	8	7	3	14	1	1182	25	211	0	*2083*
Makiki-Mānoa	205	28	115	5	279	104	142	2	4	2	0	8	0	28	0	0	0	20	6	1	8	0	0	207	774	0	*1939*
UH Mānoa	13	2	8	1	37	4	7	0	0	0	0	1	0	3	0	0	0	4	0	0	0	0	0	14	1	0	*96*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*3130*	*485*	*1088*	*106*	*4200*	*2285*	*2442*	*430*	*1001*	*1560*	*1912*	*2689*	*394*	*3797*	*631*	*1107*	*776*	*938*	*1043*	*916*	*914*	*303*	*1537*	*1325*	*8205*	*0*	*43218*

Table 3-46. To and From Shopping/Other Transit Trips (Production to Attraction Format) —2030 Project

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	54	138	152	77	99	115	209	63	88	22	3	6	1	4	1	1	3	13	6	12	3	0	1	43	24	232	*1372*
Kakaʻako	126	61	124	124	103	86	152	34	37	11	1	6	0	3	0	4	1	10	3	7	1	1	2	49	31	203	*1180*
Mōʻiliʻili	503	252	154	143	324	116	198	39	43	21	3	9	1	5	1	2	3	44	7	10	3	0	3	113	76	399	*2471*
Waikīkī	682	401	424	159	468	65	124	31	35	18	3	19	1	4	3	2	4	28	3	6	2	2	2	123	98	739	*3446*
Kaimukī-Waiʻalae	396	208	428	309	490	96	150	45	41	26	3	12	1	5	4	4	3	88	4	9	5	2	1	168	137	404	*3037*
Palama-Liliha	751	366	276	118	123	340	684	249	273	92	4	17	3	13	5	7	3	18	28	26	3	1	1	91	39	304	*3836*
Kalihi-Iwilei	204	153	114	58	62	104	126	125	134	40	1	6	0	5	2	2	2	6	8	8	0	1	0	33	22	135	*1352*
Airport-Pearl Harbor	53	19	16	11	8	23	76	109	85	71	1	4	1	7	1	2	2	2	2	3	0	0	1	6	3	15	*522*
Salt Lake-Āliamanu	320	116	89	56	48	140	385	485	477	280	8	17	2	21	9	8	6	8	15	14	4	2	3	33	20	90	*2658*
Pearl City-ʻAiea	289	117	100	70	60	120	281	451	449	967	30	72	7	180	95	45	21	16	17	31	6	4	6	42	18	89	*3584*
ʻEwa	139	93	79	82	61	62	115	201	145	270	762	994	59	402	48	44	27	17	19	40	11	5	18	40	22	57	*3810*
Kapolei	83	53	49	54	39	35	68	102	75	100	173	850	81	90	20	18	14	13	15	25	7	3	40	24	19	32	*2084*
Makakilo	53	42	37	37	29	28	47	76	55	68	68	604	60	61	15	14	10	9	10	16	4	2	20	19	10	25	*1416*
Waipahu-Waikele	132	63	61	49	40	50	122	186	154	531	158	243	25	468	150	73	27	13	13	22	8	3	11	27	9	48	*2684*
Waiawa	127	78	70	63	48	51	117	163	146	460	44	139	12	403	345	187	76	17	17	31	9	5	11	33	17	51	*2720*
Mililani	217	55	53	47	37	40	93	111	93	200	26	73	6	171	192	526	304	13	10	21	8	7	8	24	14	41	*2391*
Wahiawa	94	50	52	45	39	30	61	66	57	66	15	51	5	53	61	319	394	10	13	20	7	16	6	25	13	31	*1598*
East Honolulu	219	108	223	158	506	53	98	48	49	35	8	31	2	8	7	9	6	519	10	42	3	2	4	80	87	201	*2517*
Kāneʻohe	220	85	77	50	47	116	153	82	82	53	11	24	4	14	10	8	5	10	533	193	14	1	4	30	12	77	*1913*
Kailua	451	100	83	51	49	92	104	61	52	43	11	29	3	11	8	8	7	25	132	704	6	3	6	31	17	88	*2176*
Koʻolau Loa	39	32	29	26	24	18	37	35	27	28	8	30	2	9	5	7	8	7	21	17	242	5	1	16	8	23	*702*
North Shore	67	53	51	47	38	29	62	60	57	47	14	53	4	17	18	56	92	11	15	19	46	235	7	23	17	42	*1178*
Waiʻanae	155	127	118	111	92	72	145	148	138	119	62	640	50	56	29	32	27	25	30	47	5	6	677	54	33	80	*3078*
Makiki-Mānoa	448	215	246	145	233	116	204	53	45	25	4	8	2	2	3	2	2	22	4	12	2	1	4	161	95	419	*2473*
UH Mānoa	65	19	22	15	32	9	19	3	4	1	1	0	0	1	0	0	0	5	0	0	1	0	1	11	1	33	*242*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*5887*	*3004*	*3128*	*2104*	*3098*	*2004*	*3830*	*3028*	*2841*	*3595*	*1422*	*3940*	*330*	*2012*	*1034*	*1378*	*1045*	*948*	*936*	*1336*	*400*	*308*	*838*	*1297*	*841*	*3858*	*54440*

Table 3-47. Do not Originate/End at Work/Home Transit Trips (Production to Attraction Format) —2030 Project

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	57	43	28	10	17	31	39	9	12	7	1	2	0	2	1	1	1	3	2	3	1	1	1	9	5	39	*325*
Kakaʻako	40	36	48	17	15	19	22	4	6	4	1	2	0	1	1	1	1	2	1	2	0	0	1	9	6	93	*333*
Mōʻiliʻili	38	33	58	30	38	16	16	4	5	4	1	2	0	1	1	1	1	5	1	2	1	1	1	20	15	86	*382*
Waikīkī	12	22	26	69	31	4	5	2	3	2	1	2	0	1	1	1	1	3	1	1	0	0	1	7	7	36	*239*
Kaimukī-Waiʻalae	22	17	40	32	95	8	11	4	5	4	1	2	0	2	1	1	1	21	1	2	1	1	1	16	20	25	*335*
Palama-Liliha	39	20	12	4	7	33	43	13	18	9	1	2	0	2	1	1	1	1	3	3	0	0	1	5	2	13	*237*
Kalihi-Iwilei	52	32	15	6	10	33	79	37	38	30	2	3	1	3	2	2	1	2	3	2	1	1	1	6	3	19	*384*
Airport-Pearl Harbor	15	7	5	3	4	14	41	30	50	18	2	4	1	10	5	2	1	1	2	13	1	1	1	2	1	5	*238*
Salt Lake-Āliamanu	16	8	6	3	5	15	35	60	67	42	3	5	1	11	5	3	2	1	3	8	1	1	2	2	1	6	*312*
Pearl City-ʻAiea	10	6	4	2	4	8	16	30	47	172	8	14	2	58	23	12	5	2	3	3	1	1	3	2	1	5	*441*
ʻEwa	2	2	1	1	1	1	2	3	3	10	80	58	3	30	3	3	1	1	1	1	1	1	2	1	1	2	*215*
Kapolei	3	3	2	2	2	2	3	5	5	15	60	267	25	29	5	4	2	1	2	2	1	1	10	1	1	3	*459*
Makakilo	1	0	0	0	0	0	1	1	1	2	4	24	4	3	1	1	0	0	0	0	0	0	1	0	0	1	*47*
Waipahu-Waikele	3	2	1	1	2	2	4	8	9	66	28	28	3	85	22	15	4	1	1	2	1	1	2	1	1	2	*295*
Waiawa	2	1	1	1	1	1	2	4	4	22	3	6	1	25	19	18	6	1	1	1	0	1	1	0	0	1	*123*
Mililani	2	2	1	1	1	1	2	3	3	10	2	4	1	16	18	52	30	1	1	1	1	2	1	1	1	1	*157*
Wahiawa	1	1	1	1	1	1	1	2	2	3	1	2	0	4	5	30	40	1	1	1	1	2	1	0	0	1	*104*
East Honolulu	4	3	5	3	22	2	2	2	2	2	1	2	0	1	1	1	0	41	1	2	0	0	1	2	3	3	*105*
Kāneʻohe	3	2	2	1	1	4	4	3	3	3	1	2	0	1	1	1	1	1	70	12	1	1	1	1	0	1	*120*
Kailua	6	4	2	1	2	4	3	3	3	4	2	4	1	2	1	2	1	2	16	81	1	1	1	1	1	3	*153*
Koʻolau Loa	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	18	1	0	0	0	1	*36*
North Shore	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	0	1	1	1	14	0	0	0	1	*34*
Waiʻanae	1	1	1	1	1	1	1	2	2	3	2	10	1	2	1	1	1	1	1	1	0	0	39	0	0	1	*75*
Makiki-Mānoa	15	12	20	7	13	9	7	2	3	2	1	1	0	1	0	0	0	2	1	1	0	0	0	13	9	21	*141*
UH Mānoa	10	6	12	7	17	3	5	1	2	1	0	1	0	0	0	0	0	2	0	0	0	0	0	10	3	10	*94*
Ala Moana Center	13	13	12	9	7	3	5	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	4	3	0	*77*
Total	*367*	*277*	*306*	*214*	*300*	*218*	*353*	*235*	*295*	*440*	*209*	*449*	*48*	*293*	*119*	*155*	*102*	*97*	*120*	*145*	*34*	*31*	*73*	*116*	*85*	*381*	*5462*

Table 3-48. Ground Access Air Passenger Transit Trips (Production to Attraction Format) —2030 Project

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*100*
Kakaʻako	0	0	0	0	0	0	0	137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*137*
Mōʻiliʻili	0	0	0	0	0	0	0	253	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*253*
Waikīkī	0	0	0	0	0	0	0	1660	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1660*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*37*
Palama-Liliha	0	0	0	0	0	0	0	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*84*
Kalihi-Iwilei	0	0	0	0	0	0	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*64*
Airport-Pearl Harbor	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*17*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*70*
Pearl City-ʻAiea	0	0	0	0	0	0	0	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*112*
ʻEwa	0	0	0	0	0	0	0	162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*162*
Kapolei	0	0	0	0	0	0	0	230	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*230*
Makakilo	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*29*
Waipahu-Waikele	0	0	0	0	0	0	0	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*88*
Waiawa	0	0	0	0	0	0	0	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*81*
Mililani	0	0	0	0	0	0	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*63*
Wahiawa	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*32*
East Honolulu	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*24*
Kāneʻohe	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*17*
Kailua	0	0	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*60*
Koʻolau Loa	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*25*
North Shore	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*11*
Waiʻanae	0	0	0	0	0	0	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*44*
Makiki-Mānoa	0	0	0	0	0	0	0	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*78*
UH Mānoa	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*4*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3482*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*3482*

Table 3-49. Visitor Transit Trips (Production to Attraction Format) —2030 Project

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	92	20	13	0	3	18	0	4	0	0	0	0	0	0	0	1	0	0	1	1	0	3	1	26	*182*
Kakaʻako	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	*15*
Mōʻiliʻili	162	13	4	188	53	6	37	144	0	44	0	0	0	0	0	0	0	20	7	0	12	30	0	16	13	11	*760*
Waikīkī	1593	189	732	1095	1806	292	525	2183	19	656	0	0	0	676	0	23	43	750	40	414	116	173	17	411	157	4323	*16233*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	0	0	0	0	0	0	*44*
Palama-Liliha	0	0	5	0	0	0	56	82	8	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	*187*
Kalihi-Iwilei	0	0	1	6	1	0	0	2	10	1	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	6	*52*
Airport-Pearl Harbor	91	7	22	226	259	185	28	321	0	25	0	0	0	10	0	0	0	8	0	0	4	7	0	5	6	138	*1342*
Salt Lake-Āliamanu	0	780	21	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*808*
Pearl City-ʻAiea	7	0	1	16	2	14	2	5	0	11	0	0	0	0	0	0	0	1	21	0	0	0	0	0	0	14	*95*
ʻEwa	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	*7*
Kapolei	236	17	39	594	65	9	50	216	0	81	0	63	0	0	0	0	0	17	0	0	0	14	0	12	15	611	*2038*
Makakilo	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*4*
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	0	0	0	0	256	0	0	0	0	0	0	0	0	0	0	0	0	*256*
Waiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mililani	0	0	22	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*27*
Wahiawa	3	0	0	7	1	0	0	2	0	1	0	0	0	25	0	0	0	0	0	0	0	1	0	0	0	7	*48*
East Honolulu	11	1	7	71	35	0	2	9	0	4	0	0	0	0	0	0	0	51	0	36	1	1	0	12	2	25	*267*
Kāneʻohe	9	1	3	19	3	0	2	5	0	2	0	0	0	0	0	0	0	1	12	25	5	2	0	1	1	18	*108*
Kailua	4	9	1	8	2	0	1	4	0	1	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0	10	*62*
Koʻolau Loa	24	2	7	51	5	0	6	13	0	5	0	0	0	1	0	0	0	0	7	0	27	13	0	2	2	61	*227*
North Shore	4	1	1	20	2	0	1	9	0	1	0	0	0	16	0	0	0	0	0	0	4	9	0	0	0	17	*85*
Waiʻanae	22	1	4	58	4	1	5	81	0	63	0	3	0	0	0	0	0	0	0	0	0	0	25	0	1	32	*301*
Makiki-Mānoa	2	0	77	5	1	0	40	83	0	1	0	3	0	73	0	0	5	1	0	0	0	22	0	0	0	5	*318*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	*45*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*2170*	*1022*	*1039*	*2385*	*2251*	*526*	*758*	*3179*	*43*	*899*	*0*	*73*	*0*	*1138*	*0*	*23*	*48*	*875*	*87*	*543*	*170*	*273*	*45*	*464*	*198*	*5303*	*23511*

Table 3-50. A.M. Peak Two Hour Transit Trips (Origin to Destination Format) —2030 Project

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	87	114	167	141	97	142	153	100	95	60	22	19	9	29	13	18	10	27	28	34	5	7	8	52	80	79	*1596*
Kakaʻako	319	57	154	197	134	124	223	89	63	38	13	7	3	14	7	6	4	21	11	18	4	2	6	74	87	45	*1720*
Mōʻiliʻili	778	259	169	221	305	117	248	100	67	47	4	10	2	21	9	10	7	47	13	20	9	4	3	104	129	100	*2803*
Waikīkī	555	210	229	169	367	81	154	202	32	65	25	19	6	80	20	7	9	80	9	38	9	16	6	91	117	397	*2993*
Kaimukī-Waiʻalae	517	185	318	332	296	57	124	57	31	23	4	7	3	10	7	4	1	86	7	7	1	1	5	102	150	91	*2426*
Palama-Liliha	707	205	139	98	68	306	428	204	144	81	6	14	1	31	9	10	6	7	29	26	3	1	5	41	76	74	*2719*
Kalihi-Iwilei	288	143	105	76	39	158	105	149	106	69	12	12	4	17	16	5	4	9	19	13	0	6	2	34	40	47	*1478*
Airport-Pearl Harbor	107	25	26	31	30	41	70	114	88	61	12	13	4	46	16	11	5	1	10	6	0	4	8	7	30	21	*787*
Salt Lake-Āliamanu	405	162	80	60	41	104	246	408	371	216	11	33	4	72	21	12	8	5	16	14	5	3	4	16	136	33	*2486*
Pearl City-ʻAiea	512	130	101	105	61	81	280	446	266	675	43	123	9	311	103	53	31	11	23	26	10	3	10	19	261	46	*3739*
ʻEwa	562	201	187	574	120	93	214	225	122	181	587	777	52	254	26	37	29	23	15	23	21	2	40	43	281	51	*4740*
Kapolei	276	99	93	308	61	48	112	127	65	105	221	777	106	142	21	26	24	8	18	11	8	2	104	30	138	72	*3002*
Makakilo	168	61	60	163	40	37	67	75	36	54	66	320	52	65	8	9	6	7	7	6	9	0	33	17	86	16	*1468*
Waipahu-Waikele	393	110	201	722	69	63	125	162	97	216	218	213	23	387	114	95	43	12	11	12	17	1	13	30	220	71	*3638*
Waiawa	270	65	117	416	53	34	90	120	60	189	49	130	14	269	155	155	80	8	8	10	7	7	9	15	122	45	*2497*
Mililani	341	102	95	111	64	46	129	153	79	143	34	124	8	189	125	374	243	9	13	10	7	16	8	19	191	29	*2662*
Wahiawa	187	64	54	66	35	24	70	83	41	65	14	61	5	82	43	199	225	8	12	6	4	25	6	15	128	19	*1541*
East Honolulu	338	92	172	167	253	43	77	48	25	16	4	8	1	9	4	3	4	273	5	35	2	2	1	48	148	39	*1817*
Kāneʻohe	337	76	61	54	31	92	124	77	61	40	5	10	0	14	5	9	3	4	330	126	35	3	0	15	106	22	*1640*
Kailua	439	97	62	62	44	86	106	64	41	38	8	9	0	20	4	3	2	22	103	387	12	0	1	14	103	31	*1758*
Koʻolau Loa	47	15	10	19	7	5	11	13	8	6	4	2	1	3	2	0	3	0	12	4	217	8	1	6	17	11	*432*
North Shore	112	42	39	45	24	22	40	41	27	22	3	18	1	30	10	35	56	3	4	4	60	142	3	15	67	16	*881*
Waiʻanae	257	92	86	113	55	46	96	164	66	57	32	286	21	72	15	15	18	11	12	6	4	1	513	14	127	31	*2210*
Makiki-Mānoa	512	174	194	166	154	91	164	68	48	26	4	7	3	15	1	8	0	23	9	7	1	3	1	92	195	78	*2044*
UH Mānoa	57	18	25	25	23	8	13	11	4	6	9	5	2	10	3	4	3	4	3	2	0	2	4	13	0	10	*264*
Ala Moana Center	22	11	16	28	11	10	11	2	5	3	2	3	0	3	2	2	1	4	2	2	0	1	2	8	4	0	*155*
Total	*8593*	*2809*	*2960*	*4469*	*2482*	*1959*	*3480*	*3302*	*2048*	*2502*	*1412*	*3007*	*334*	*2195*	*759*	*1110*	*825*	*713*	*729*	*853*	*450*	*262*	*796*	*934*	*3039*	*1474*	*53496*

Table 3-51. A.M. Peak Two Hour Home Based Work Transit Trips (Origin to Destination Format) —2030 Project

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	64	62	104	87	51	55	90	81	63	43	19	11	6	19	11	14	8	14	18	21	1	3	8	28	10	22	*912*
Kakaʻako	213	39	91	143	61	60	137	71	49	30	8	7	2	7	4	5	4	9	8	12	1	1	3	25	17	11	*1019*
Mōʻiliʻili	542	185	118	141	123	69	159	74	56	33	7	8	2	10	7	5	4	22	10	12	1	1	3	37	25	32	*1686*
Waikīkī	300	134	105	64	85	37	77	35	26	17	21	12	6	28	17	5	2	14	5	6	1	2	3	27	18	24	*1071*
Kaimukī-Waiʻalae	342	117	170	219	107	31	72	38	23	16	4	4	1	4	2	2	2	22	3	4	0	1	1	28	29	33	*1273*
Palama-Liliha	441	124	81	66	24	65	219	132	76	52	5	8	1	11	5	6	2	6	15	16	0	1	1	15	11	22	*1406*
Kalihi-Iwilei	157	84	56	46	18	44	57	96	62	41	7	9	2	10	5	6	3	4	9	9	1	1	3	10	7	16	*764*
Airport-Pearl Harbor	46	13	11	7	4	9	26	56	34	30	8	6	3	29	11	7	3	2	5	3	0	1	5	2	2	2	*324*
Salt Lake-Āliamanu	240	72	48	40	15	43	117	266	156	109	7	16	2	32	14	8	5	2	8	9	0	1	3	8	10	14	*1244*
Pearl City-ʻAiea	344	98	67	72	19	45	173	314	144	295	26	74	6	119	47	32	18	5	12	16	0	2	4	10	34	21	*1999*
ʻEwa	440	160	142	497	66	54	145	175	86	100	173	399	23	88	17	26	18	11	10	15	4	2	18	19	138	36	*2863*
Kapolei	189	70	60	217	30	23	66	82	42	57	91	428	33	54	14	19	14	3	7	7	3	2	37	10	59	17	*1634*
Makakilo	130	47	44	147	19	18	45	55	25	29	32	184	14	24	4	7	6	4	4	4	0	1	11	5	43	10	*913*
Waipahu-Waikele	292	72	149	612	27	27	76	109	54	107	53	102	6	127	42	38	22	4	5	7	1	2	5	6	62	50	*2056*
Waiawa	205	51	96	373	19	17	57	86	40	105	28	77	5	109	58	62	39	3	4	5	1	4	3	5	40	33	*1526*
Mililani	249	83	69	91	31	25	88	120	56	100	27	78	5	58	44	140	98	5	7	6	3	10	4	9	67	19	*1492*
Wahiawa	137	50	39	52	17	17	47	65	28	48	12	42	3	27	20	86	95	4	5	4	1	13	2	7	41	10	*873*
East Honolulu	230	59	93	106	83	20	45	37	17	14	2	4	0	5	1	1	1	57	2	15	1	1	0	14	22	18	*849*
Kāneʻohe	230	55	40	34	12	42	72	63	38	27	2	5	0	6	3	4	1	2	92	46	7	1	1	4	11	9	*806*
Kailua	274	65	46	43	16	42	65	53	31	27	3	5	1	4	4	3	1	9	43	122	2	0	1	6	13	13	*891*
Koʻolau Loa	32	8	7	9	3	3	7	9	3	3	0	2	0	1	0	1	2	0	8	2	75	6	0	1	6	2	*192*
North Shore	83	30	24	33	9	8	27	30	14	15	3	11	1	12	8	21	32	1	2	3	24	46	0	4	26	7	*473*
Waiʻanae	180	63	55	74	24	23	57	118	48	33	20	184	10	35	11	11	12	4	6	5	1	0	82	6	57	14	*1132*
Makiki-Mānoa	335	115	108	126	62	44	97	49	33	20	2	3	0	3	2	2	1	8	6	8	0	0	0	23	19	27	*1096*
UH Mānoa	33	12	13	12	8	4	7	5	4	2	6	3	2	3	2	3	2	2	1	1	0	1	2	3	0	4	*134*
Ala Moana Center	1	0	1	1	1	1	1	0	1	1	1	1	0	2	1	1	0	1	0	1	0	0	1	1	0	0	*20*
Total	*5729*	*1867*	*1834*	*3315*	*934*	*827*	*2029*	*2220*	*1208*	*1355*	*570*	*1682*	*134*	*827*	*355*	*517*	*394*	*217*	*296*	*360*	*131*	*105*	*200*	*313*	*766*	*466*	*28647*

Table 3-52. Difference in Total Transit Trips (Production to Attraction Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	39	73	-144	-57	-62	-94	399	516	-31	29	6	11	0	157	8	-1	-1	-4	-6	-13	-1	0	0	-22	13	558	*1372*
Kakaʻako	88	-175	-118	-41	-35	-1	160	237	16	25	2	10	0	52	4	1	1	1	0	-1	0	0	0	1	28	149	*405*
Mōʻiliʻili	-8	-55	-142	-113	-79	-26	41	307	1	49	1	7	1	22	0	-1	-1	0	-1	-1	4	10	0	-3	37	-43	*7*
Waikīkī	-225	-104	-108	-82	544	-19	-8	2053	9	410	0	4	0	8	1	0	0	0	-1	-2	-11	-9	0	-52	3	-41	*2370*
Kaimukī-Waiʻalae	93	36	-31	101	-35	2	32	94	12	27	2	9	1	24	2	1	0	-7	1	0	1	0	0	-8	15	8	*378*
Palama-Liliha	109	97	27	41	8	68	28	271	39	77	4	20	1	61	5	2	1	2	5	1	1	0	0	4	89	87	*1048*
Kalihi-Iwilei	502	191	8	46	-6	-47	67	529	-19	42	7	16	0	179	10	0	0	-1	3	0	1	0	0	5	23	351	*1908*
Airport-Pearl Harbor	507	115	23	157	23	7	423	672	37	97	24	44	1	593	43	0	0	5	3	6	4	3	1	6	54	302	*3150*
Salt Lake-Āliamanu	237	120	58	90	21	39	207	598	208	43	11	50	3	119	15	6	3	2	9	8	3	1	2	11	204	46	*2115*
Pearl City-ʻAiea	790	257	175	222	119	113	466	680	270	318	30	138	10	417	5	12	6	13	38	37	16	2	2	34	539	108	*4817*
ʻEwa	929	408	376	1107	251	167	498	689	286	300	386	821	56	508	51	50	35	34	35	40	35	7	26	83	614	115	*7909*
Kapolei	563	220	199	882	166	87	239	643	145	230	156	-128	23	344	38	33	25	24	21	24	21	14	19	45	319	393	*4745*
Makakilo	280	133	115	369	85	56	139	195	93	110	65	153	16	135	17	20	14	11	13	14	15	3	14	28	201	35	*2331*
Waipahu-Waikele	790	232	389	1392	145	104	424	938	189	309	143	279	20	600	232	45	23	19	20	21	20	6	4	54	521	217	*7135*
Waiawa	387	124	206	825	85	50	161	286	121	51	45	145	14	453	9	44	8	10	16	17	6	2	4	24	219	95	*3407*
Mililani	492	196	153	230	119	69	224	359	155	182	54	233	15	295	46	106	27	14	20	20	2	10	9	28	363	64	*3485*
Wahiawa	259	111	86	138	63	36	122	188	84	84	28	122	8	127	11	87	41	7	9	9	0	9	8	15	219	43	*1916*
East Honolulu	104	34	30	64	29	10	19	90	13	27	3	10	1	24	2	0	-2	-9	1	0	1	1	-2	11	91	17	*568*
Kāneʻohe	-8	39	16	29	4	1	14	121	11	51	3	14	1	48	4	2	-1	1	-113	-15	0	0	-1	4	126	41	*393*
Kailua	-23	38	13	31	-2	1	8	100	1	37	2	11	1	41	2	0	-3	1	-15	-143	0	0	-2	3	103	37	*245*
Koʻolau Loa	5	5	7	9	2	0	3	41	-1	11	1	1	0	6	1	0	0	0	0	0	-37	0	-3	2	22	40	*117*
North Shore	195	90	75	119	51	31	74	119	53	46	10	44	2	60	10	20	35	7	4	7	2	63	3	16	161	41	*1337*
Waiʻanae	451	216	175	284	118	73	193	500	184	114	31	153	13	150	27	29	26	9	16	11	3	2	215	32	337	74	*3435*
Makiki-Mānoa	80	34	14	28	-9	-5	42	121	19	27	1	8	0	22	1	-1	-1	2	0	0	0	0	0	16	-12	21	*410*
UH Mānoa	-20	-5	-17	-9	-25	-6	-6	7	-1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	-13	-3	-12	*-109*
Ala Moana Center	548	139	-28	-26	-8	1	305	221	0	15	3	5	0	81	5	0	0	0	0	0	0	0	0	-5	-4	0	*1251*
Total	*7164*	*2573*	*1557*	*5834*	*1572*	*717*	*4276*	*10576*	*1893*	*2712*	*1021*	*2181*	*190*	*4525*	*545*	*456*	*235*	*143*	*76*	*41*	*88*	*125*	*297*	*316*	*4281*	*2749*	*56146*

Table 3-53. Difference in Peak Transit Trips (Production to Attraction Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-158	-66	-41	-11	-25	-42	-62	34	-22	12	-1	10	-2	1	-4	4	2	-12	-4	6	-2	0	-1	-8	20	26	*-344*
Kakaʻako	-46	-73	-51	-8	-17	0	50	42	13	15	-1	7	-1	12	0	-1	3	5	-1	8	2	0	-1	10	12	17	*-6*
Mōʻiliʻili	19	-4	-30	-72	-14	2	29	72	23	27	1	9	3	17	3	0	5	6	-2	1	0	5	1	0	47	-9	*139*
Waikīkī	-95	-56	-39	-35	282	-8	12	493	0	192	-1	3	0	12	-1	0	-1	-4	0	-3	1	-11	1	-18	3	0	*726*
Kaimukī-Waiʻalae	98	36	11	95	5	5	20	44	-8	22	1	17	0	25	2	0	2	-1	0	4	5	1	2	2	18	22	*427*
Palama-Liliha	117	72	13	37	7	63	43	127	37	65	2	17	-1	28	7	6	-5	7	12	-3	2	1	-1	2	65	54	*773*
Kalihi-Iwilei	11	62	8	40	-6	-7	-130	52	10	-3	-2	5	-2	8	4	0	-4	7	7	4	-3	-1	2	9	17	45	*135*
Airport-Pearl Harbor	98	13	17	83	6	2	-8	3	27	10	0	2	2	22	10	4	0	1	7	-1	3	1	0	4	39	57	*402*
Salt Lake-Āliamanu	183	92	53	58	20	43	161	387	192	53	6	34	3	80	7	7	3	1	2	0	4	-3	1	11	152	34	*1583*
Pearl City-ʻAiea	599	148	139	168	76	78	320	391	213	287	21	80	10	242	12	13	10	12	26	30	14	4	-8	23	362	74	*3343*
ʻEwa	734	293	297	861	203	121	371	398	217	210	300	577	46	264	39	39	29	19	31	34	29	4	21	59	440	80	*5715*
Kapolei	387	160	150	589	106	65	158	274	106	148	95	156	43	126	22	21	18	10	20	23	16	4	20	40	228	185	*3169*
Makakilo	212	107	88	285	67	40	106	131	75	77	53	128	13	101	5	18	7	9	9	11	18	4	7	27	144	27	*1772*
Waipahu-Waikele	482	154	295	1072	112	77	199	282	135	157	45	101	19	207	36	31	10	19	12	8	22	5	-5	48	368	118	*4008*
Waiawa	289	85	150	638	54	25	114	159	79	52	40	91	8	192	7	30	11	4	10	14	11	6	4	20	161	64	*2318*
Mililani	357	161	106	185	98	51	159	239	104	140	31	187	9	212	40	107	33	11	8	20	8	7	2	17	247	44	*2582*
Wahiawa	188	76	71	108	42	33	93	127	55	71	30	92	4	83	15	86	83	3	5	7	-3	8	10	10	156	34	*1486*
East Honolulu	91	22	20	36	41	-1	24	41	12	21	0	6	1	19	-3	0	-3	20	6	-4	-2	1	-5	9	57	4	*413*
Kāneʻohe	-18	43	12	21	2	11	0	69	20	33	-1	8	1	31	4	2	-2	2	-39	-2	-5	-1	-1	9	79	24	*301*
Kailua	-12	29	3	25	8	-2	2	45	2	18	1	4	3	30	-4	2	3	2	-13	-47	0	-2	3	6	76	22	*204*
Koʻolau Loa	2	12	-3	4	2	-2	1	14	0	10	-1	4	-1	3	-2	-2	2	-1	-3	0	-7	-4	0	1	18	17	*65*
North Shore	149	77	48	91	39	26	57	82	38	40	6	33	-1	42	1	18	33	8	2	3	-1	56	4	11	124	28	*1012*
Waiʻanae	338	150	147	214	94	66	143	353	147	82	21	109	14	111	17	16	16	10	6	19	2	3	207	22	233	49	*2589*
Makiki-Mānoa	66	36	8	22	-17	4	29	44	17	23	0	11	-1	15	1	-3	2	8	-1	6	-4	-1	1	31	-1	7	*302*
UH Mānoa	-6	-2	-3	0	-8	3	-1	3	-3	1	-1	0	0	-2	0	1	1	0	0	1	0	0	0	-5	-1	3	*-19*
Ala Moana Center	-3	-15	-9	-7	-3	2	0	4	-1	0	1	0	0	-1	0	1	0	3	0	0	0	0	0	-2	-1	0	*-30*
Total	*4081*	*1613*	*1459*	*4499*	*1172*	*654*	*1890*	*3910*	*1488*	*1765*	*647*	*1691*	*170*	*1881*	*217*	*400*	*259*	*150*	*101*	*140*	*109*	*88*	*261*	*336*	*3061*	*1026*	*33066*

Table 3-54. Difference in Off Peak Transit Trips (Production to Attraction Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	197	139	-104	-46	-37	-52	461	482	-10	17	7	1	2	156	12	-5	-4	8	-2	-19	1	-1	1	-14	-7	532	*1715*
Kakaʻako	133	-102	-66	-33	-18	-1	111	195	3	11	4	3	0	40	4	2	-2	-4	0	-8	-3	0	2	-8	16	133	*410*
Mōʻiliʻili	-27	-51	-112	-41	-64	-28	12	235	-22	22	0	-2	-2	5	-3	-1	-6	-7	1	-2	4	5	-2	-3	-10	-34	*-132*
Waikīkī	-130	-48	-69	-47	262	-11	-20	1560	9	217	1	1	0	-4	2	-1	1	4	-1	1	-11	2	-1	-34	-1	-41	*1645*
Kaimukī-Waiʻalae	-5	-1	-42	6	-41	-4	12	50	20	5	1	-8	1	-1	0	1	-2	-6	1	-4	-4	2	-2	-10	-3	-14	*-46*
Palama-Liliha	-8	26	14	4	2	6	-16	144	2	11	2	3	3	33	-2	-4	6	-5	-7	4	-1	-1	1	2	23	33	*275*
Kalihi-Iwilei	491	129	0	6	-1	-40	197	477	-29	45	9	11	2	171	6	0	4	-8	-4	-5	3	1	-2	-4	6	306	*1773*
Airport-Pearl Harbor	409	102	6	74	17	5	432	669	10	87	24	42	-1	572	33	-4	-1	4	-4	6	1	2	1	1	15	246	*2748*
Salt Lake-Āliamanu	55	28	6	32	1	-4	46	211	16	-10	5	15	0	38	8	-1	0	1	7	8	-1	4	1	0	52	12	*532*
Pearl City-ʻAiea	191	109	36	54	44	35	146	289	57	31	9	58	0	175	-8	-1	-4	1	12	6	2	-2	10	11	177	34	*1474*
ʻEwa	195	115	79	246	49	46	127	291	70	90	86	244	10	244	12	11	6	16	4	6	6	3	5	24	174	36	*2193*
Kapolei	176	61	48	292	61	21	81	369	39	82	62	-285	-19	218	16	12	7	14	1	1	4	11	0	5	92	208	*1576*
Makakilo	68	26	27	85	18	16	34	64	18	32	12	25	3	34	11	2	7	3	3	4	-3	-2	7	1	57	8	*560*
Waipahu-Waikele	308	78	94	320	33	27	226	656	54	153	98	178	2	393	196	13	13	0	7	13	-1	0	9	6	152	100	*3128*
Waiawa	98	39	56	187	31	25	47	127	42	-1	5	54	6	261	2	14	-3	6	6	3	-5	-4	0	4	58	31	*1089*
Mililani	136	36	47	45	21	18	65	120	51	42	23	47	6	82	6	-1	-5	2	12	0	-6	3	7	11	116	20	*903*
Wahiawa	72	35	16	30	22	4	30	61	30	14	-2	30	4	43	-4	0	-42	4	4	2	3	1	-2	5	63	8	*430*
East Honolulu	13	12	9	28	-12	10	-6	49	1	5	3	4	0	4	5	0	1	-29	-4	4	3	0	4	2	35	13	*155*
Kāneʻohe	10	-5	5	8	2	-10	14	52	-9	18	4	7	0	16	0	-1	1	-1	-74	-12	5	1	0	-5	47	17	*93*
Kailua	-11	10	10	7	-10	4	6	56	-1	19	1	6	-2	11	6	-1	-5	-1	-2	-96	0	2	-6	-3	27	15	*41*
Koʻolau Loa	3	-7	10	5	0	3	2	27	-1	1	2	-3	1	2	3	2	-2	1	3	0	-29	4	-3	1	3	23	*51*
North Shore	46	13	28	28	12	5	17	37	15	6	4	11	3	18	9	2	2	-1	2	3	4	7	-1	5	38	13	*325*
Waiʻanae	113	66	29	69	24	7	50	147	37	32	10	44	-2	39	10	13	9	-1	10	-7	1	0	8	10	104	25	*846*
Makiki-Mānoa	14	-2	5	6	8	-9	13	77	2	4	2	-3	1	7	0	3	-2	-6	1	-6	5	1	-2	-15	-11	14	*108*
UH Mānoa	-13	-3	-14	-9	-17	-8	-6	4	2	-1	1	0	0	3	-1	-1	-2	0	-1	-1	-1	0	0	-8	-1	-15	*-92*
Ala Moana Center	551	154	-20	-19	-6	-1	305	216	2	15	2	7	0	82	5	-1	0	-3	0	0	0	0	0	-3	-3	0	*1283*
Total	*3083*	*960*	*98*	*1336*	*401*	*63*	*2386*	*6666*	*406*	*947*	*375*	*492*	*18*	*2644*	*328*	*55*	*-24*	*-7*	*-24*	*-99*	*-22*	*40*	*36*	*-20*	*1220*	*1723*	*23081*

Table 3-55. Difference in To and From Work Transit Trips (Production to Attraction Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-8	3	14	23	3	6	16	46	10	22	1	3	0	6	1	0	-1	1	0	0	0	0	0	1	3	40	*191*
Kakaʻako	16	-15	10	26	2	18	70	64	23	23	1	5	0	5	2	1	1	2	0	1	0	0	0	6	7	22	*291*
Mōʻiliʻili	92	62	32	19	2	1	49	65	11	24	1	5	1	5	1	-1	-1	4	0	0	0	0	0	12	20	23	*429*
Waikīkī	0	-17	6	26	47	-2	18	29	11	13	0	3	0	2	1	0	0	3	0	0	0	0	0	3	7	6	*155*
Kaimukī-Waiʻalae	151	60	39	160	63	11	36	59	14	25	2	5	1	6	1	0	0	8	1	1	0	0	0	6	10	26	*685*
Palama-Liliha	188	104	39	51	10	38	69	178	36	66	4	12	1	16	5	2	1	2	5	5	0	0	0	5	12	50	*900*
Kalihi-Iwilei	111	97	41	54	8	6	-10	81	26	31	1	5	0	8	2	2	1	1	4	3	0	0	0	5	5	42	*526*
Airport-Pearl Harbor	97	34	24	25	6	18	31	23	67	31	2	7	0	34	12	1	0	1	4	4	0	0	0	3	6	14	*445*
Salt Lake-Āliamanu	243	113	60	88	15	36	172	490	164	101	9	30	2	48	14	6	3	2	8	8	1	1	1	8	21	37	*1681*
Pearl City-ʻAiea	640	226	155	197	51	85	333	492	236	312	26	91	7	137	25	17	8	8	28	29	3	1	1	21	89	64	*3284*
ʻEwa	861	390	351	1105	165	133	413	498	246	208	229	586	42	128	36	39	29	27	27	36	13	5	22	55	410	107	*6162*
Kapolei	408	199	165	550	81	64	182	245	127	124	129	443	40	91	26	29	21	14	16	21	6	3	18	27	203	53	*3288*
Makakilo	256	125	104	366	51	41	117	152	78	70	51	161	10	43	13	16	12	9	9	12	4	2	10	16	125	33	*1884*
Waipahu-Waikele	581	182	363	1390	77	65	196	298	150	184	52	83	11	116	44	36	18	11	13	17	4	3	1	24	182	132	*4236*
Waiawa	332	108	194	817	43	34	111	175	92	71	30	86	9	97	10	38	11	6	10	12	1	2	2	14	92	80	*2475*
Mililani	425	188	145	226	67	57	179	287	139	160	46	143	12	88	38	82	51	11	14	18	0	7	5	20	168	57	*2632*
Wahiawa	235	108	82	133	38	32	102	158	77	81	25	81	7	45	15	62	90	6	8	10	0	6	4	13	97	37	*1552*
East Honolulu	97	32	33	28	21	9	14	56	11	18	2	7	0	6	1	0	-1	15	1	1	0	0	0	5	11	4	*373*
Kāneʻohe	-4	32	12	29	2	4	13	92	8	39	2	9	1	12	2	1	0	1	0	0	0	0	0	2	16	17	*292*
Kailua	-7	34	11	33	2	5	14	56	2	29	3	6	1	8	1	0	-1	2	0	0	0	0	0	2	15	18	*233*
Koʻolau Loa	6	4	3	9	1	0	0	13	-1	5	1	2	0	2	0	0	0	0	0	0	0	1	0	0	9	3	*59*
North Shore	183	85	69	105	30	24	65	102	48	39	8	28	1	24	10	20	34	5	3	6	1	39	2	10	83	27	*1053*
Waiʻanae	414	207	168	260	79	63	166	439	169	88	28	86	10	53	23	21	20	12	14	17	2	2	99	26	219	60	*2745*
Makiki-Mānoa	97	50	32	37	7	2	34	61	17	23	1	5	0	6	0	-1	-1	3	0	0	0	0	0	11	5	11	*402*
UH Mānoa	8	9	11	7	2	0	2	4	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2	5	*56*
Ala Moana Center	16	5	9	5	3	4	11	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	*65*
Total	*5439*	*2427*	*2172*	*5770*	*878*	*755*	*2404*	*4165*	*1764*	*1791*	*656*	*1893*	*157*	*986*	*285*	*374*	*293*	*156*	*168*	*200*	*38*	*72*	*165*	*299*	*1821*	*969*	*36095*

Table 3-56. Difference in Non-Home Based Transit Trips (Production to Attraction Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	49	68	-166	-81	-61	-102	369	393	-45	2	4	7	0	141	7	-2	-1	-5	-6	-13	0	0	0	-21	-20	472	*989*
Kakaʻako	70	-146	-136	-70	-34	-30	66	77	-11	0	1	1	0	31	1	0	0	-2	-1	-2	0	0	0	-12	-14	92	*-119*
Mōʻiliʻili	-177	-128	-176	-121	-80	-29	-38	-8	-11	-5	0	-1	0	-1	-1	-1	0	-6	-1	-2	0	0	0	-25	-35	-100	*-947*
Waikīkī	-81	-83	-119	-147	-77	-9	-17	-5	-4	-2	0	-1	0	-1	0	0	0	-4	-1	-1	0	0	0	-13	-20	-92	*-678*
Kaimukī-Waiʻalae	-67	-30	-87	-78	-162	-12	-16	-4	-4	-3	0	0	0	0	0	0	0	-23	0	-1	0	0	0	-18	-36	-33	*-576*
Palama-Liliha	-111	-38	-23	-11	-10	-52	-73	-18	-23	-9	0	0	0	-1	-1	-1	0	-1	-4	-4	0	0	0	-3	-5	-17	*-406*
Kalihi-Iwilei	365	63	-42	-15	-18	-63	96	384	-63	-2	5	8	0	153	7	-2	-1	-2	-3	-3	0	0	0	-3	-7	280	*1136*
Airport-Pearl Harbor	344	72	-13	-8	-5	-22	367	594	-82	33	21	32	0	541	29	-2	-1	-1	-3	-1	0	0	0	-2	-2	198	*2092*
Salt Lake-Āliamanu	-53	-11	-11	-5	-5	-20	-62	-104	-91	-81	-1	-2	0	-7	-2	-2	-1	-1	-2	-1	0	0	0	-1	-2	-8	*-471*
Pearl City-ʻAiea	7	0	-6	-2	-3	-6	5	-4	-82	-316	-2	-7	-1	39	-29	-15	-5	0	-1	-1	0	0	-1	0	-1	11	*-420*
ʻEwa	6	1	0	0	0	0	7	23	-1	-2	-67	-11	-4	72	3	-1	0	0	0	0	0	0	0	0	0	3	*28*
Kapolei	8	1	-1	-1	0	-1	9	32	-2	-7	-18	-685	-40	111	5	-2	-1	0	0	0	0	0	-6	0	0	4	*-595*
Makakilo	0	0	0	0	0	0	0	0	0	-1	-2	-35	-3	-3	0	0	-1	0	0	0	0	0	-1	0	0	0	*-46*
Waipahu-Waikele	150	32	-1	-1	0	-1	160	524	-7	22	75	116	-2	198	155	-16	-5	0	0	0	0	0	-1	0	0	77	*1474*
Waiawa	7	1	-1	0	0	0	8	28	-2	-27	4	3	0	148	-19	-21	-10	0	0	0	0	-1	0	0	0	4	*123*
Mililani	-2	-1	0	0	0	-1	-1	-2	-2	-17	-1	-1	0	-18	-22	-72	-53	0	0	0	0	-1	0	0	0	0	*-196*
Wahiawa	-1	0	0	0	0	0	-1	-1	-1	-6	0	-1	0	-4	-8	-52	-105	0	0	0	0	-3	0	0	0	0	*-184*
East Honolulu	-9	-2	-8	-6	-26	-1	-1	0	0	0	0	0	0	0	0	0	0	-49	0	-1	0	0	0	-1	-2	-3	*-109*
Kāneʻohe	-7	-2	-2	-1	-1	-4	-4	-3	-2	-1	0	0	0	0	0	0	0	0	-114	-16	0	0	0	0	0	-1	*-157*
Kailua	-15	-3	-2	-1	-1	-3	-3	-1	-2	-1	0	0	0	0	0	0	0	-1	-15	-144	0	0	0	-1	0	-2	*-196*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-37	-1	0	0	0	0	*-40*
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	-3	0	0	0	-1	-22	0	0	0	0	*-29*
Waiʻanae	-1	0	0	0	-1	0	0	0	0	-1	0	-9	-1	-2	0	0	0	0	0	0	0	0	-37	0	0	0	*-53*
Makiki-Mānoa	-27	-15	-32	-11	-17	-5	-9	-2	-2	-1	0	0	0	0	0	0	0	-1	-1	0	0	0	0	-9	-14	-10	*-157*
UH Mānoa	-28	-13	-30	-17	-29	-6	-9	-1	-2	-1	0	-1	0	0	0	0	0	-1	0	0	0	0	0	-16	-6	-17	*-176*
Ala Moana Center	530	134	-36	-31	-11	-3	293	215	-2	13	3	5	0	80	5	0	0	-1	0	0	0	0	0	-5	-6	0	*1181*
Total	*955*	*-101*	*-891*	*-609*	*-542*	*-370*	*1146*	*2118*	*-439*	*-413*	*21*	*-582*	*-50*	*1475*	*128*	*-191*	*-187*	*-97*	*-153*	*-192*	*-39*	*-29*	*-49*	*-130*	*-169*	*858*	*1467*

Table 3-57. Difference in To and From School/University Transit Trips (Production to Attraction Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	-1	0	0	-6	3	1	0	0	0	0	1	0	9	0	0	0	0	0	0	0	0	0	1	29	0	*39*
Kakaʻako	-2	-3	2	0	-5	5	3	0	0	0	0	2	0	16	0	0	0	0	0	0	0	0	0	5	35	0	*59*
Mōʻiliʻili	-1	0	1	0	-10	1	4	0	0	0	0	2	0	16	0	0	0	1	0	0	0	0	0	7	50	0	*71*
Waikīkī	0	0	2	0	19	0	1	0	0	0	0	1	0	7	0	0	0	0	0	0	0	0	0	1	23	0	*54*
Kaimukī-Waiʻalae	4	0	6	2	21	1	2	0	0	0	0	3	0	17	0	0	0	5	0	0	0	0	0	3	34	0	*98*
Palama-Liliha	10	-1	1	0	4	63	0	1	4	4	0	7	0	43	0	0	0	0	2	0	1	0	0	2	81	0	*225*
Kalihi-Iwilei	7	1	1	0	0	10	-8	0	4	3	0	2	0	17	0	0	0	1	1	0	0	0	0	2	23	0	*63*
Airport-Pearl Harbor	8	0	0	0	5	2	5	14	11	6	0	3	0	15	0	0	0	0	1	0	1	0	0	0	46	0	*118*
Salt Lake-Āliamanu	19	1	1	0	7	9	21	19	57	-2	0	16	0	70	1	0	0	0	2	0	2	0	0	2	183	0	*409*
Pearl City-ʻAiea	74	2	5	0	56	8	59	3	18	74	1	37	1	196	2	2	1	2	7	1	10	0	1	5	448	0	*1010*
ʻEwa	53	9	18	2	82	29	59	8	13	49	127	141	12	245	2	2	2	7	7	4	23	2	3	24	202	0	*1125*
Kapolei	30	5	11	1	41	15	24	5	5	24	28	95	22	124	1	1	1	4	4	2	14	1	6	12	108	0	*585*
Makakilo	20	4	9	1	31	13	18	4	5	22	9	39	9	82	1	1	1	2	3	2	12	1	4	10	75	0	*379*
Waipahu-Waikele	44	11	21	2	63	32	48	10	14	25	0	54	7	217	12	13	6	7	6	3	16	2	2	27	338	0	*981*
Waiawa	30	2	5	1	34	8	24	2	3	5	5	37	3	154	5	9	4	2	3	1	4	1	1	6	125	0	*475*
Mililani	44	2	5	1	50	9	34	3	4	6	3	72	1	193	13	41	18	2	5	2	1	3	3	7	194	0	*715*
Wahiawa	23	1	3	0	25	5	19	1	2	2	1	32	0	80	2	65	52	1	2	1	0	6	3	3	122	0	*450*
East Honolulu	8	0	3	0	17	1	0	0	1	1	0	3	0	16	0	0	0	19	0	0	0	0	0	7	80	0	*158*
Kāneʻohe	1	0	1	1	-1	1	-7	1	0	3	0	5	0	34	0	0	0	0	0	0	0	0	0	1	110	0	*150*
Kailua	1	0	1	0	-5	1	-7	1	1	2	0	3	0	31	0	0	0	0	0	0	0	0	0	1	88	0	*117*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	13	0	*16*
North Shore	11	2	4	0	17	6	8	2	2	2	0	12	0	34	0	1	4	1	0	1	1	45	1	5	77	0	*240*
Waiʻanae	30	3	6	0	37	9	23	2	4	3	1	46	2	94	0	1	1	3	3	1	7	0	133	7	118	0	*536*
Makiki-Mānoa	5	1	4	0	-1	1	3	0	0	0	0	3	0	16	0	0	0	1	0	0	0	0	0	12	-2	0	*42*
UH Mānoa	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	*5*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*419*	*38*	*111*	*12*	*483*	*231*	*334*	*76*	*149*	*230*	*177*	*617*	*57*	*1729*	*41*	*136*	*90*	*61*	*48*	*19*	*95*	*63*	*155*	*152*	*2600*	*0*	*8122*

Table 3-58. Difference in To and From Shopping/Other Transit Trips (Production to Attraction Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-2	3	7	0	0	-1	9	6	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	-3	0	28	*52*
Kakaʻako	2	-5	5	3	2	4	18	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	23	*64*
Mōʻiliʻili	11	7	1	-1	5	-2	8	5	0	2	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2	15	*57*
Waikīkī	-6	-3	-3	4	26	-2	4	3	2	2	0	1	0	0	0	0	0	1	0	0	0	0	0	-2	3	2	*32*
Kaimukī-Waiʻalae	6	7	11	15	34	2	9	7	2	4	0	1	0	1	0	1	0	2	0	0	0	0	0	1	6	14	*124*
Palama-Liliha	21	31	9	1	4	17	32	49	21	15	0	1	0	2	0	0	0	1	1	0	0	0	0	0	1	52	*261*
Kalihi-Iwilei	16	24	6	3	1	-1	-6	19	7	4	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	22	*101*
Airport-Pearl Harbor	7	3	2	1	1	4	8	10	25	12	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	4	*83*
Salt Lake-Āliamanu	28	16	8	7	3	12	67	124	65	17	1	3	0	5	1	1	0	0	1	0	0	0	1	2	2	16	*383*
Pearl City-ʻAiea	64	28	19	14	14	24	66	106	91	233	5	14	2	36	8	7	3	2	3	6	2	1	1	8	3	25	*785*
ʻEwa	10	7	6	1	4	6	19	40	28	44	83	99	6	59	8	9	4	0	1	1	0	1	1	3	2	5	*443*
Kapolei	5	5	3	3	3	3	6	21	13	20	12	11	1	14	4	4	3	0	1	1	0	0	2	1	1	2	*143*
Makakilo	4	4	2	2	3	3	5	17	9	17	6	-12	1	12	3	4	2	0	1	0	0	0	0	1	1	2	*87*
Waipahu-Waikele	15	7	5	1	4	7	19	38	29	68	13	22	3	58	17	9	3	1	1	1	0	0	1	3	1	7	*333*
Waiawa	18	12	8	7	7	8	18	29	26	2	6	18	2	51	11	16	2	2	2	4	1	0	1	3	2	10	*268*
Mililani	25	6	4	4	2	4	11	20	15	32	6	19	2	29	15	49	11	1	1	1	0	0	2	1	1	7	*266*
Wahiawa	1	2	1	2	0	0	2	6	5	6	2	9	1	6	2	10	3	0	0	-1	0	0	1	-1	0	3	*61*
East Honolulu	1	2	-1	3	6	0	5	8	2	4	0	0	0	1	1	0	-1	1	0	0	0	0	-1	-2	0	2	*32*
Kāneʻohe	1	8	4	0	1	0	11	14	4	8	1	0	0	2	1	1	0	0	0	0	0	0	-1	1	0	14	*73*
Kailua	-1	7	3	-1	1	-1	3	8	0	6	0	1	0	1	1	0	-1	0	0	0	0	0	-1	1	0	15	*42*
Koʻolau Loa	0	1	1	0	1	0	1	4	0	3	0	-1	0	1	0	0	0	0	0	0	0	0	-3	0	0	2	*10*
North Shore	0	3	2	3	2	0	1	6	2	4	2	5	0	2	0	1	0	0	0	0	0	0	0	1	1	3	*38*
Waiʻanae	0	6	0	0	0	1	4	17	11	18	2	29	2	4	3	6	5	-6	-2	-7	-6	0	21	-2	0	0	*107*
Makiki-Mānoa	6	-3	9	2	2	-3	13	10	3	4	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	19	*66*
UH Mānoa	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*233*	*178*	*113*	*75*	*128*	*85*	*333*	*573*	*365*	*532*	*140*	*224*	*22*	*287*	*77*	*119*	*35*	*6*	*11*	*9*	*-4*	*3*	*23*	*27*	*26*	*293*	*3913*

Table 3-59. Difference in Do not Originate/End at Work/Home Transit Trips (Production to Attraction Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-1	0	1	0	0	0	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	*14*
Kakaʻako	1	-6	1	0	0	2	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	*19*
Mōʻiliʻili	2	0	1	0	1	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	18	*27*
Waikīkī	0	0	0	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*16*
Kaimukī-Waiʻalae	0	0	1	1	8	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*15*
Palama-Liliha	0	1	0	0	0	2	-1	3	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	*11*
Kalihi-Iwilei	4	6	2	1	1	1	-5	7	7	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	*36*
Airport-Pearl Harbor	3	2	1	0	1	4	5	-3	16	3	0	1	0	3	1	0	0	0	0	2	0	0	0	0	0	1	*44*
Salt Lake-Āliamanu	1	1	1	1	0	1	8	15	13	7	1	2	0	3	1	1	0	0	0	1	0	0	0	0	0	1	*59*
Pearl City-ʻAiea	2	1	1	1	1	2	3	5	7	15	1	3	0	9	0	1	0	0	1	1	0	0	0	0	0	1	*55*
ʻEwa	0	0	0	0	0	0	0	1	1	1	14	6	0	4	1	1	0	0	0	0	0	0	0	0	0	0	*32*
Kapolei	0	1	0	0	0	0	0	2	1	3	5	7	0	5	1	1	1	0	0	0	0	0	1	0	0	0	*30*
Makakilo	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	*4*
Waipahu-Waikele	1	0	0	0	0	0	1	2	2	10	3	4	1	11	3	3	1	0	0	0	0	0	0	0	0	1	*45*
Waiawa	0	0	0	0	0	0	0	1	1	1	1	1	0	4	2	2	0	0	0	0	0	0	0	0	0	0	*15*
Mililani	0	0	0	0	0	0	0	0	0	1	1	1	0	2	2	6	1	0	0	0	0	0	0	0	0	0	*17*
Wahiawa	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	*5*
East Honolulu	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Kāneʻohe	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*3*
Kailua	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	*4*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Waiʻanae	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	*3*
Makiki-Mānoa	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*4*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Ala Moana Center	2	1	-1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*5*
Total	*14*	*10*	*8*	*16*	*18*	*12*	*23*	*42*	*54*	*57*	*28*	*29*	*4*	*47*	*13*	*18*	*4*	*1*	*3*	*5*	*1*	*1*	*3*	*4*	*2*	*51*	*469*

Table 3-60. Difference in Ground Access Air Passenger Transit Trips (Production to Attraction Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*64*
Kakaʻako	0	0	0	0	0	0	0	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*91*
Mōʻiliʻili	0	0	0	0	0	0	0	176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*176*
Waikīkī	0	0	0	0	0	0	0	1020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1020*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*31*
Palama-Liliha	0	0	0	0	0	0	0	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*57*
Kalihi-Iwilei	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*37*
Airport-Pearl Harbor	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*5*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*54*
Pearl City-ʻAiea	0	0	0	0	0	0	0	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*76*
ʻEwa	0	0	0	0	0	0	0	119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*119*
Kapolei	0	0	0	0	0	0	0	171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*171*
Makakilo	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*23*
Waipahu-Waikele	0	0	0	0	0	0	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*66*
Waiawa	0	0	0	0	0	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*51*
Mililani	0	0	0	0	0	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*51*
Wahiawa	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*22*
East Honolulu	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*19*
Kāneʻohe	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*14*
Kailua	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*35*
Koʻolau Loa	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*17*
North Shore	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*7*
Waiʻanae	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*31*
Makiki-Mānoa	0	0	0	0	0	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*51*
UH Mānoa	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*3*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2291*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2291*

Table 3-61. Difference in Visitor Transit Trips (Production to Attraction Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	2	0	1	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	13	*22*
Kakaʻako	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mōʻiliʻili	65	6	0	-9	4	2	17	68	0	27	0	0	0	0	0	0	0	0	0	0	4	10	0	-1	0	0	*194*
Waikīkī	-137	0	5	22	527	-5	-14	1006	0	396	0	0	0	0	0	0	0	1	0	0	-10	-8	0	-41	-10	42	*1771*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Palama-Liliha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kalihi-Iwilei	0	0	0	3	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	*8*
Airport-Pearl Harbor	47	4	8	139	15	2	8	29	0	12	0	0	0	0	0	0	0	4	0	0	3	3	0	2	3	85	*364*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Pearl City-ʻAiea	4	0	1	11	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	*27*
ʻEwa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kapolei	111	9	20	327	40	5	17	168	0	65	0	0	0	0	0	0	0	6	0	0	0	10	0	4	7	334	*1123*
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mililani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Wahiawa	1	0	0	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	*10*
East Honolulu	6	1	2	39	11	0	1	7	0	3	0	0	0	0	0	0	0	6	0	0	1	1	0	1	1	14	*93*
Kāneʻohe	0	0	1	0	2	0	1	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	*18*
Kailua	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	*10*
Koʻolau Loa	0	0	3	1	1	0	2	7	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	36	*53*
North Shore	0	0	1	11	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	*27*
Waiʻanae	8	1	1	24	2	0	1	11	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	*66*
Makiki-Mānoa	0	0	0	-1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*103*	*21*	*44*	*571*	*608*	*5*	*36*	*1310*	*0*	*515*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*17*	*0*	*0*	*-3*	*15*	*0*	*-35*	*2*	*578*	*3788*

Table 3-62. Difference in A.M. Peak Two Hour Transit Trips (Origin to Destination Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	-67	-27	-32	-3	-17	-7	-34	1	0	11	11	8	4	15	3	7	4	3	-1	2	0	1	3	-5	4	6	*-110*
Kakaʻako	-20	-33	-19	1	-19	-2	6	13	10	9	9	0	1	4	4	3	2	7	1	-1	4	0	-1	8	2	-5	*-16*
Mōʻiliʻili	-14	-10	-26	-21	-13	-2	7	13	2	14	-1	2	0	9	3	4	2	-1	-1	10	6	0	1	-2	7	-1	*-12*
Waikīkī	-32	-21	-16	-34	57	5	3	80	0	33	16	12	3	19	14	1	4	6	4	-4	-2	2	2	-8	1	-12	*133*
Kaimukī-Waiʻalae	22	3	-4	26	-18	-5	7	14	7	6	-1	5	0	5	6	2	0	0	-2	-2	-2	1	2	-2	14	-2	*82*
Palama-Liliha	51	26	13	12	6	32	36	58	17	23	0	2	0	11	5	6	2	-6	4	8	-1	1	2	4	22	26	*360*
Kalihi-Iwilei	7	9	16	10	-14	-6	-46	14	-7	8	6	3	2	7	11	-2	-1	3	8	-1	-2	4	-3	5	12	4	*47*
Airport-Pearl Harbor	29	9	13	12	3	8	0	2	15	2	8	10	2	26	5	6	0	1	4	0	0	1	5	3	16	9	*189*
Salt Lake-Āliamanu	121	39	25	25	13	20	68	179	58	41	8	18	2	39	5	3	5	-4	4	0	0	-1	3	-1	64	14	*748*
Pearl City-ʻAiea	292	78	63	71	26	42	143	192	85	113	18	45	9	103	4	0	6	4	14	11	4	0	2	4	168	25	*1522*
ʻEwa	347	143	128	411	80	58	147	165	91	96	87	171	8	108	7	22	10	13	10	13	11	2	9	22	216	31	*2406*
Kapolei	164	69	59	227	38	28	70	90	45	46	27	-7	13	58	2	16	11	0	14	7	2	0	-1	13	103	44	*1138*
Makakilo	106	45	37	121	27	25	40	58	21	30	19	33	5	37	1	4	2	5	7	2	6	0	3	12	62	10	*718*
Waipahu-Waikele	228	70	133	551	40	33	83	108	62	64	13	25	2	72	10	14	6	4	5	7	13	-4	1	14	153	54	*1761*
Waiawa	152	40	76	322	31	19	47	69	32	43	13	37	7	82	3	9	1	6	3	6	1	0	2	6	70	26	*1103*
Mililani	187	71	55	75	42	23	75	105	53	51	10	71	4	83	5	15	10	4	8	6	-2	1	2	8	121	19	*1102*
Wahiawa	108	43	26	42	23	10	45	51	25	25	8	32	2	36	6	22	3	6	9	3	-5	6	-1	6	88	16	*635*
East Honolulu	16	7	15	18	-13	4	3	19	1	-3	2	3	1	3	2	1	3	-4	-3	2	-1	0	0	-8	32	-5	*95*
Kāneʻohe	-4	3	10	9	-7	-4	6	24	9	12	4	7	-1	0	2	5	-3	3	-42	-6	3	2	-4	5	36	4	*73*
Kailua	-12	9	-4	4	6	-2	-1	6	7	3	4	-2	-1	15	-1	0	-1	3	-4	-27	5	0	-4	-1	26	12	*40*
Koʻolau Loa	0	3	0	2	1	-1	-3	2	2	3	3	0	1	2	1	-1	0	-3	0	-1	-7	-1	-1	2	5	4	*13*
North Shore	51	22	25	25	14	8	19	24	14	8	2	10	1	22	-1	5	8	-2	1	1	1	9	3	5	37	6	*318*
Waiʻanae	111	47	39	60	25	21	44	108	35	32	8	20	7	34	4	4	9	7	5	-3	2	0	55	1	84	14	*773*
Makiki-Mānoa	23	8	13	3	6	3	14	12	5	7	0	4	1	3	1	6	-4	2	3	-1	-3	0	0	2	1	3	*112*
UH Mānoa	-1	0	-4	1	-4	-1	-1	8	-4	2	7	4	1	5	1	3	1	-2	1	0	0	1	1	-2	-3	-4	*10*
Ala Moana Center	-9	-11	-9	-11	-3	3	1	-2	2	2	1	2	0	1	1	1	1	0	0	0	0	1	0	-2	-1	0	*-32*
Total	*1856*	*642*	*632*	*1959*	*330*	*312*	*779*	*1413*	*587*	*681*	*282*	*515*	*74*	*799*	*104*	*156*	*81*	*55*	*52*	*32*	*33*	*26*	*81*	*89*	*1340*	*298*	*13208*

Table 3-63. Difference in A.M. Peak Two Hour Home Based Work Transit Trips (Origin to Destination Format) —2030 Project versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	0	1	4	3	2	0	4	9	3	11	12	5	4	10	4	7	4	0	0	-1	-1	1	3	0	-2	5	*89*
Kakaʻako	3	-2	4	7	0	4	14	11	5	7	5	3	2	3	0	3	1	0	-1	1	0	1	2	0	1	2	*79*
Mōʻiliʻili	3	9	3	2	1	-1	9	10	1	4	5	4	2	5	3	2	1	0	1	0	0	1	1	2	3	2	*73*
Waikīkī	-7	-4	1	0	7	0	0	5	2	5	14	8	5	20	12	3	1	2	1	-1	0	1	2	2	1	1	*81*
Kaimukī-Waiʻalae	-4	-1	6	25	11	-2	4	8	-1	5	3	3	0	2	0	1	1	1	-1	1	0	0	0	3	3	2	*67*
Palama-Liliha	32	18	7	9	2	9	38	40	1	15	3	3	1	5	2	4	-1	1	2	4	-1	1	1	1	2	7	*206*
Kalihi-Iwilei	16	17	2	7	1	6	1	18	6	10	4	4	1	5	1	3	0	1	1	1	0	1	1	2	0	5	*114*
Airport-Pearl Harbor	22	5	5	3	1	3	9	19	16	12	6	5	2	17	4	4	2	0	2	1	0	1	3	0	1	1	*147*
Salt Lake-Āliamanu	80	30	19	20	5	12	46	149	39	41	5	11	2	18	5	4	2	0	2	3	-1	0	2	2	5	6	*508*
Pearl City-ʻAiea	212	68	42	52	13	27	105	170	64	107	13	35	4	53	6	7	4	4	5	11	0	1	2	6	26	16	*1049*
ʻEwa	289	119	109	361	56	42	107	142	71	65	46	95	7	38	9	13	8	7	8	12	1	2	4	15	113	25	*1766*
Kapolei	125	53	43	168	23	16	47	64	32	35	28	70	3	21	7	10	6	2	5	7	2	1	5	7	50	14	*843*
Makakilo	89	37	32	114	16	14	32	44	20	20	11	27	2	11	2	4	3	3	4	3	0	0	2	4	36	7	*538*
Waipahu-Waikele	187	50	110	480	20	19	56	79	39	51	15	10	0	32	7	9	3	3	3	4	1	0	1	4	52	38	*1274*
Waiawa	121	36	65	293	14	10	37	55	26	34	11	24	2	32	0	6	3	2	1	4	1	1	1	3	29	23	*836*
Mililani	162	62	50	69	25	16	59	90	41	48	16	48	3	22	6	15	8	4	4	4	1	0	1	6	52	15	*831*
Wahiawa	88	36	26	38	14	12	33	48	20	20	7	26	2	11	3	7	16	3	3	2	-1	3	0	4	31	10	*465*
East Honolulu	0	-2	5	6	4	0	1	12	2	5	1	1	0	2	-1	-1	1	2	-1	1	0	1	0	-1	0	2	*41*
Kāneʻohe	-3	4	5	5	1	2	2	20	1	8	1	3	0	3	0	2	-1	-1	1	0	-1	0	1	0	1	1	*54*
Kailua	-4	4	1	5	2	1	2	9	2	7	1	1	0	1	1	0	-1	1	-1	0	0	-1	1	0	2	4	*41*
Koʻolau Loa	-1	1	0	0	1	0	-1	3	0	1	0	1	0	1	0	0	0	-1	0	0	0	0	0	0	1	0	*6*
North Shore	39	18	14	21	5	4	14	22	8	8	2	7	1	7	2	3	7	0	0	1	0	6	0	1	18	4	*214*
Waiʻanae	74	36	29	43	13	14	27	79	34	18	7	16	2	10	6	3	6	2	3	3	0	0	14	2	40	8	*491*
Makiki-Mānoa	-5	1	8	9	3	0	8	8	3	4	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	2	*46*
UH Mānoa	-1	2	1	1	1	1	-1	1	1	0	5	2	2	2	1	2	1	0	0	0	0	1	2	-1	0	0	*23*
Ala Moana Center	0	0	0	0	0	0	0	0	0	1	1	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	*8*
Total	*1519*	*598*	*591*	*1744*	*242*	*211*	*654*	*1115*	*438*	*543*	*222*	*411*	*45*	*336*	*81*	*114*	*74*	*37*	*43*	*62*	*5*	*22*	*48*	*64*	*465*	*202*	*9887*

Table 3-64. Daily Total Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	970	811	1030	1004	471	578	1406	965	428	230	17	59	2	181	24	18	11	51	68	83	13	2	3	218	796	918	*10355*
Kakaʻako	1783	404	867	1087	721	553	1255	603	292	154	9	46	1	83	18	14	10	69	47	57	8	3	8	297	602	597	*9589*
Mōʻiliʻili	4192	1539	1089	1432	1688	612	1416	912	339	239	11	53	4	91	20	15	15	220	64	64	24	31	5	478	883	1061	*16498*
Waikīkī	5977	1679	2060	1990	2969	613	1740	5025	198	910	10	51	2	758	17	33	52	858	69	450	243	351	20	579	1330	6512	*34496*
Kaimukī-Waiʻalae	2636	998	1720	1586	1815	344	689	340	188	122	11	44	3	54	17	12	8	374	27	79	13	3	4	518	703	794	*13100*
Palama-Liliha	3481	1110	789	515	411	1442	2282	1116	807	392	17	84	5	176	31	24	17	46	129	110	19	4	4	217	383	511	*14121*
Kalihi-Iwilei	1928	858	612	577	256	656	1098	1259	625	343	15	80	2	223	36	17	15	53	60	46	7	2	4	122	468	551	*9911*
Airport-Pearl Harbor	854	197	174	460	309	291	838	1453	411	394	29	108	2	608	84	14	7	20	18	26	9	9	4	22	327	337	*7005*
Salt Lake-Āliamanu	1690	1252	361	291	222	460	1223	1915	1856	1022	31	136	8	288	78	40	26	22	71	63	20	5	10	77	575	195	*11937*
Pearl City-ʻAiea	1918	532	425	446	295	361	1202	2049	1330	3437	161	618	34	1469	476	253	135	42	119	97	40	15	29	100	1068	230	*16880*
ʻEwa	1904	739	690	2006	505	347	849	1082	511	820	2913	4656	261	1369	150	165	118	88	76	111	83	19	186	193	955	235	*21032*
Kapolei	1287	426	436	1711	375	213	556	1101	299	587	1178	5288	472	988	120	108	85	99	54	70	51	30	429	127	567	889	*17546*
Makakilo	575	239	229	607	179	128	275	319	179	243	300	2046	256	301	43	50	38	33	30	38	30	6	152	73	315	79	*6763*
Waipahu-Waikele	1516	422	725	2385	312	242	685	1209	418	1293	1014	1612	116	2487	735	421	197	57	50	62	53	21	69	136	922	305	*17463*
Waiawa	965	278	452	1368	215	145	414	617	329	1023	239	759	55	1540	916	777	388	38	45	56	40	29	40	80	470	187	*11466*
Mililani	1243	380	371	431	278	183	505	631	325	674	144	603	33	899	646	1928	1187	44	48	57	47	73	39	88	670	133	*11659*
Wahiawa	652	237	223	279	170	107	281	350	187	295	75	318	19	373	206	1033	1259	29	32	41	42	105	29	67	422	98	*6929*
East Honolulu	1437	476	858	828	1517	182	382	264	147	107	15	69	3	49	16	16	10	1567	29	193	17	5	9	249	582	398	*9425*
Kāneʻohe	1614	387	300	309	213	457	626	428	284	207	21	79	7	98	28	22	15	27	1868	670	148	8	10	74	468	171	*8538*
Kailua	2211	470	349	324	247	420	538	421	224	184	23	88	5	98	25	22	18	85	545	2162	42	6	12	85	476	192	*9274*
Koʻolau Loa	243	82	79	167	60	42	85	115	47	51	10	46	3	19	9	12	14	11	74	28	1066	47	2	24	103	99	*2537*
North Shore	505	209	196	251	140	98	223	236	139	131	31	135	6	135	61	175	290	27	29	32	285	770	14	61	307	105	*4593*
Waiʻanae	1251	509	474	687	347	225	539	932	412	370	173	1792	118	377	83	92	80	63	66	83	25	12	2470	129	597	246	*12154*
Makiki-Mānoa	2557	891	1054	840	862	459	900	467	221	126	10	39	3	121	13	13	11	84	37	51	12	24	5	514	1009	681	*11002*
UH Mānoa	748	243	357	548	145	44	370	243	25	27	5	15	0	127	6	1	1	21	3	4	1	0	1	56	7	440	*3439*
Ala Moana Center	458	177	199	389	36	19	262	152	10	16	3	10	0	52	4	1	0	5	2	3	0	0	0	16	376	0	*2190*
Total	*44595*	*15547*	*16119*	*22516*	*14758*	*9220*	*20638*	*24204*	*10230*	*13396*	*6467*	*18833*	*1419*	*12963*	*3864*	*5275*	*4009*	*4036*	*3660*	*4735*	*2337*	*1581*	*3561*	*4596*	*15380*	*15963*	*299903*

Table 3-65. Peak Period Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	403	363	558	438	304	386	545	356	276	138	7	29	1	35	10	14	9	31	45	55	9	1	1	140	260	286	*4699*
Kakaʻako	1125	238	544	683	484	387	786	288	202	102	5	32	0	35	11	6	7	45	32	40	8	1	3	215	313	233	*5824*
Mōʻiliʻili	2801	1000	704	816	1083	427	891	397	238	151	9	31	1	53	15	12	12	149	46	45	13	14	3	332	434	459	*10139*
Waikīkī	3138	929	1045	883	1564	344	865	1378	126	430	0	27	0	332	6	17	25	413	44	217	116	159	12	328	501	2864	*15763*
Kaimukī-Waiʻalae	1893	673	1181	1091	1209	228	471	195	134	84	7	27	3	42	9	7	5	267	11	38	11	2	3	374	458	400	*8823*
Palama-Liliha	2398	722	506	340	258	1109	1472	654	508	258	10	56	2	105	24	17	8	28	95	79	8	3	2	144	255	275	*9337*
Kalihi-Iwilei	952	501	338	267	172	486	426	501	375	187	6	43	0	39	14	13	10	30	35	35	6	2	3	96	143	191	*4870*
Airport-Pearl Harbor	342	78	63	172	148	145	227	446	241	168	4	22	2	96	35	9	4	10	11	15	4	4	0	14	94	108	*2463*
Salt Lake-Āliamanu	1184	686	249	207	160	320	783	1217	1299	669	17	87	2	208	52	30	19	14	38	38	14	3	9	53	379	116	*7853*
Pearl City-ʻAiea	1379	359	292	310	205	238	801	1282	871	2263	116	390	28	940	323	174	98	23	76	65	31	9	20	63	720	140	*11217*
ʻEwa	1424	564	513	1528	375	270	592	634	352	560	2109	3052	189	805	100	112	88	65	54	71	65	13	144	151	698	155	*14685*
Kapolei	861	293	303	1081	238	170	344	476	208	378	725	2984	331	455	73	74	59	64	36	49	43	17	335	97	391	431	*10515*
Makakilo	423	174	166	459	136	97	196	205	121	176	223	1292	198	191	29	34	23	24	24	28	30	6	121	60	240	51	*4729*
Waipahu-Waikele	1043	288	533	1782	225	176	380	472	267	723	708	866	91	1413	388	306	147	45	35	46	40	15	55	112	613	184	*10950*
Waiawa	695	189	324	1044	141	102	267	340	204	623	178	519	33	886	595	556	292	23	28	36	30	22	29	65	328	118	*7665*
Mililani	881	267	268	318	189	136	346	403	224	447	101	438	20	592	446	1359	855	34	33	34	35	51	28	70	460	91	*8125*
Wahiawa	469	165	152	203	110	79	195	225	125	189	51	230	12	245	137	698	848	19	15	22	28	79	25	49	295	66	*4729*
East Honolulu	1043	328	612	565	1004	127	261	160	99	71	8	42	3	42	7	9	4	1073	20	129	12	4	7	176	382	204	*6393*
Kāneʻohe	1177	271	212	200	148	331	419	279	202	146	13	51	3	62	18	15	11	20	1299	458	110	4	4	56	324	101	*5936*
Kailua	1582	313	241	231	171	315	369	246	155	128	12	49	3	63	17	12	10	58	363	1488	28	6	6	55	327	118	*6366*
Koʻolau Loa	168	54	47	97	34	30	48	57	24	32	4	22	0	10	4	8	7	6	45	15	753	31	0	16	69	51	*1632*
North Shore	371	153	134	175	86	70	154	145	87	79	21	80	3	93	43	123	196	21	18	19	214	527	7	47	215	60	*3142*
Waiʻanae	911	355	335	467	228	149	364	615	266	226	117	1108	78	260	51	63	53	40	32	52	18	9	1853	94	418	138	*8302*
Makiki-Mānoa	1806	597	704	600	558	343	605	254	154	77	8	26	3	67	8	11	8	64	26	37	7	11	3	365	665	343	*7349*
UH Mānoa	204	76	84	68	85	31	57	26	14	13	1	3	0	24	0	1	1	10	2	2	1	0	0	35	4	70	*812*
Ala Moana Center	69	36	38	71	20	11	30	8	5	2	0	1	0	1	0	1	0	2	2	1	0	0	0	6	9	0	*313*
Total	*28743*	*9672*	*10145*	*14096*	*9336*	*6505*	*11894*	*11260*	*6778*	*8319*	*4458*	*11509*	*1006*	*7096*	*2413*	*3681*	*2800*	*2577*	*2466*	*3116*	*1637*	*991*	*2670*	*3213*	*8997*	*7253*	*182632*

Table 3-66. Off Peak Period Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	567	448	472	566	166	192	861	610	152	92	10	30	1	146	15	4	2	20	23	28	4	1	2	78	536	632	*5656*
Kakaʻako	658	166	324	404	237	167	469	315	90	52	4	13	1	49	8	8	3	24	14	18	0	2	5	82	289	363	*3766*
Mōʻiliʻili	1390	539	384	615	605	185	525	515	101	88	2	22	2	38	6	3	3	71	17	19	12	17	3	145	449	602	*6359*
Waikīkī	2838	750	1016	1108	1405	269	875	3646	72	480	10	23	2	425	11	17	28	446	26	233	127	192	8	251	829	3648	*18733*
Kaimukī-Waiʻalae	743	325	539	495	606	115	218	145	54	38	4	16	1	12	7	5	3	107	15	41	2	2	1	144	246	393	*4278*
Palama-Liliha	1083	388	283	175	153	333	810	462	299	134	7	28	3	71	7	6	8	18	34	30	11	1	2	73	128	236	*4784*
Kalihi-Iwilei	976	357	274	310	84	169	673	758	250	156	9	37	2	184	22	4	5	23	25	11	1	0	1	26	325	360	*5042*
Airport-Pearl Harbor	512	120	110	288	161	145	611	1006	170	226	26	86	1	511	49	5	3	10	8	11	5	4	4	8	233	229	*4542*
Salt Lake-Āliamanu	505	566	112	83	62	141	440	698	557	354	14	49	6	80	26	10	6	8	32	25	6	3	2	24	195	79	*4083*
Pearl City-ʻAiea	539	173	132	136	91	124	401	767	459	1174	46	227	6	529	153	79	37	19	43	32	9	5	10	37	348	90	*5664*
ʻEwa	480	175	177	478	130	76	256	449	160	260	805	1604	72	564	50	53	30	24	22	39	18	6	41	42	257	80	*6347*
Kapolei	426	133	134	630	137	43	211	625	91	209	454	2304	141	533	47	34	26	35	18	20	8	12	94	30	176	458	*7030*
Makakilo	152	65	63	148	43	31	78	114	57	67	77	754	58	110	15	15	15	9	7	10	0	0	31	12	74	27	*2034*
Waipahu-Waikele	474	134	193	603	87	66	304	737	152	570	305	747	24	1074	348	115	50	12	14	15	13	6	14	24	309	121	*6513*
Waiawa	270	89	128	323	74	43	147	277	125	400	62	240	22	654	321	221	97	15	17	20	9	7	12	16	142	69	*3801*
Mililani	362	112	103	112	89	47	159	229	101	227	43	165	13	307	200	570	332	10	14	23	12	23	11	18	210	42	*3534*
Wahiawa	183	72	71	76	60	29	86	125	62	106	24	89	7	127	70	335	411	10	17	19	13	26	4	18	127	31	*2200*
East Honolulu	394	148	246	263	513	56	121	104	47	36	8	27	0	7	9	7	5	493	9	63	5	1	2	73	200	194	*3032*
Kāneʻohe	436	116	88	109	65	126	208	148	82	60	8	28	3	37	10	7	4	7	568	212	38	4	6	18	145	70	*2602*
Kailua	629	157	108	93	76	105	169	175	69	56	11	39	3	35	8	10	8	27	182	674	13	0	6	30	149	75	*2907*
Koʻolau Loa	75	27	32	70	25	12	37	58	23	19	6	24	3	8	5	5	7	6	29	13	313	16	2	8	34	48	*905*
North Shore	133	56	63	76	53	29	69	91	52	52	10	55	3	43	18	52	94	6	11	13	71	244	7	13	92	45	*1450*
Waiʻanae	340	154	139	220	119	76	174	317	145	144	56	684	39	116	32	29	27	23	34	31	6	4	618	35	180	108	*3852*
Makiki-Mānoa	751	294	350	240	304	115	296	213	67	49	2	12	0	54	5	1	3	21	11	14	5	13	2	149	343	338	*3653*
UH Mānoa	544	167	273	480	60	13	313	217	11	14	4	12	0	103	6	0	0	11	2	2	0	0	1	21	3	370	*2627*
Ala Moana Center	389	141	162	318	17	8	232	144	4	14	3	9	0	51	4	0	0	3	0	1	0	0	0	10	367	0	*1875*
Total	*15851*	*5875*	*5974*	*8420*	*5422*	*2715*	*8744*	*12944*	*3453*	*5077*	*2008*	*7324*	*413*	*5867*	*1451*	*1595*	*1208*	*1458*	*1194*	*1619*	*700*	*589*	*890*	*1384*	*6383*	*8710*	*117269*

Table 3-67. To and From Work Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	496	399	553	520	220	274	557	412	314	169	6	26	1	34	14	16	8	29	49	65	3	1	1	100	62	260	*4589*
Kakaʻako	1259	284	554	827	330	312	754	350	242	131	6	24	1	23	16	9	8	42	33	47	1	1	2	134	98	195	*5683*
Mōʻiliʻili	2959	1117	745	842	674	386	872	392	286	163	6	31	2	25	17	12	12	106	39	51	3	1	2	196	134	395	*9467*
Waikīkī	1738	839	656	452	473	202	455	193	138	77	4	14	1	15	10	8	4	62	19	28	2	1	0	147	104	321	*5963*
Kaimukī-Waiʻalae	2056	733	1015	1220	646	190	438	231	137	91	6	19	2	18	11	7	4	138	17	24	1	1	1	160	159	339	*7663*
Palama-Liliha	2423	694	459	383	135	386	1082	656	440	262	12	41	2	46	23	16	13	21	68	75	4	2	2	72	59	195	*7570*
Kalihi-Iwilei	1062	508	361	308	109	243	434	558	377	219	6	35	1	35	21	13	11	14	37	33	2	1	2	48	44	177	*4661*
Airport-Pearl Harbor	320	89	62	67	17	55	208	287	211	153	6	19	1	91	45	10	4	3	10	9	1	1	1	9	14	39	*1732*
Salt Lake-Āliamanu	1156	341	230	228	72	205	616	1190	847	528	19	75	5	120	59	27	17	9	36	36	3	2	4	31	49	101	*6005*
Pearl City-ʻAiea	1375	396	297	344	97	182	710	1298	691	1544	105	386	20	540	271	171	99	17	59	57	6	8	14	39	144	113	*8982*
ʻEwa	1612	612	551	1911	267	198	613	668	332	389	988	2527	133	408	82	107	81	48	42	56	18	11	119	81	560	172	*12583*
Kapolei	815	324	294	938	146	112	337	379	199	261	519	2825	211	315	69	79	62	28	28	34	10	7	202	47	303	97	*8639*
Makakilo	474	184	166	567	82	64	189	203	109	116	168	1038	81	112	25	32	25	16	14	17	5	3	62	24	170	53	*3999*
Waipahu-Waikele	1142	298	581	2276	129	105	315	451	222	488	306	737	47	700	243	219	126	21	23	29	9	13	23	38	258	206	*9004*
Waiawa	741	187	360	1296	78	67	220	330	167	455	123	434	28	531	349	369	216	12	19	21	5	19	14	25	157	132	*6358*
Mililani	890	311	271	379	123	104	320	446	218	438	103	372	23	299	272	812	571	21	25	30	10	54	18	36	266	90	*6502*
Wahiawa	497	180	156	224	69	59	176	243	121	218	54	202	12	136	114	499	537	13	13	18	10	65	12	28	156	59	*3874*
East Honolulu	1098	336	518	589	470	94	220	166	89	60	6	22	1	14	7	5	2	379	15	80	3	1	1	72	120	155	*4527*
Kāneʻohe	1207	290	204	213	66	220	382	312	182	134	7	34	2	30	16	12	8	11	560	268	41	4	1	27	65	75	*4371*
Kailua	1542	349	247	252	87	221	341	277	160	126	10	34	2	26	15	12	9	46	255	718	9	2	2	36	75	91	*4943*
Koʻolau Loa	168	46	40	56	17	19	38	39	18	15	2	7	0	4	3	4	6	3	40	10	425	26	0	5	35	15	*1040*
North Shore	402	147	130	181	56	46	133	147	75	76	15	56	2	50	40	101	159	10	12	10	114	262	4	18	130	45	*2419*
Waiʻanae	985	367	324	482	156	120	329	635	259	167	97	936	51	168	51	56	50	26	27	31	4	5	538	48	340	114	*6365*
Makiki-Mānoa	1890	636	593	675	328	231	504	250	170	97	5	18	1	17	9	10	3	41	27	37	2	1	1	140	108	234	*6029*
UH Mānoa	212	85	99	92	58	25	54	29	18	9	1	2	0	4	0	1	1	10	2	3	0	0	0	22	3	53	*783*
Ala Moana Center	98	57	55	97	29	16	46	12	8	5	0	1	0	1	0	1	0	4	2	2	0	0	0	12	11	0	*458*
Total	*28617*	*9809*	*9520*	*15417*	*4932*	*4136*	*10345*	*10155*	*6031*	*6392*	*2582*	*9915*	*630*	*3760*	*1785*	*2605*	*2035*	*1127*	*1470*	*1789*	*693*	*489*	*1027*	*1595*	*3623*	*3728*	*144208*

Table 3-68. Non-Home Based Direct Demand Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	326	185	155	359	0	0	510	352	0	23	5	18	0	116	8	0	0	0	0	0	0	0	0	0	413	357	*2826*
Kakaʻako	181	0	47	108	0	0	109	70	0	5	1	4	0	25	2	0	0	0	0	0	0	0	0	0	140	107	*798*
Mōʻiliʻili	149	47	39	146	0	0	82	57	0	4	1	3	0	20	1	0	0	0	0	0	0	0	0	0	226	144	*920*
Waikīkī	354	110	149	256	0	0	182	127	0	9	2	7	0	46	3	0	0	0	0	0	0	0	0	0	451	289	*1984*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Palama-Liliha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kalihi-Iwilei	522	113	90	193	0	0	366	441	0	28	6	22	0	142	10	0	0	0	0	0	0	0	0	0	261	217	*2411*
Airport-Pearl Harbor	330	72	64	138	0	0	453	643	0	85	20	72	0	458	32	0	0	0	0	0	0	0	0	0	190	133	*2689*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Pearl City-ʻAiea	24	5	5	10	0	0	29	85	0	0	4	17	0	108	8	0	0	0	0	0	0	0	0	0	13	9	*316*
ʻEwa	6	1	1	2	0	0	7	21	0	5	15	143	0	89	5	0	0	0	0	0	0	0	0	0	3	2	*301*
Kapolei	20	4	4	8	0	0	24	71	0	19	145	591	0	303	18	0	0	0	0	0	0	0	0	0	11	8	*1225*
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waipahu-Waikele	123	27	24	51	0	0	151	452	0	105	93	284	0	292	181	0	0	0	0	0	0	0	0	0	70	49	*1901*
Waiawa	9	2	2	4	0	0	11	32	0	7	5	16	0	181	0	0	0	0	0	0	0	0	0	0	5	3	*276*
Mililani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Wahiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
East Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kāneʻohe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kailua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waiʻanae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Makiki-Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
UH Mānoa	442	127	212	431	0	0	280	204	0	15	3	11	0	74	5	0	0	0	0	0	0	0	0	0	0	335	*2139*
Ala Moana Center	347	107	130	282	0	0	211	139	0	10	2	8	0	50	4	0	0	0	0	0	0	0	0	0	361	0	*1650*
Total	*2830*	*800*	*921*	*1988*	*0*	*0*	*2414*	*2693*	*0*	*316*	*302*	*1196*	*0*	*1904*	*277*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2143*	*1653*	*19436*

Table 3-69. To and From School/University Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	17	44	45	2	121	156	83	6	13	5	1	7	0	24	0	0	0	7	11	2	6	0	0	57	288	0	*894*
Kakaʻako	173	19	87	3	270	124	219	2	7	3	0	10	0	31	0	0	0	15	9	1	5	0	0	105	325	0	*1407*
Mōʻiliʻili	356	58	83	10	602	81	200	3	3	2	0	6	0	39	0	0	0	45	9	0	7	0	0	144	413	0	*2063*
Waikīkī	159	26	80	10	408	23	81	1	1	1	0	7	0	16	0	0	0	16	5	0	3	0	0	68	365	0	*1269*
Kaimukī-Waiʻalae	150	29	235	29	587	48	81	2	4	1	0	9	0	30	0	0	0	126	5	1	5	0	0	174	386	0	*1902*
Palama-Liliha	261	32	28	1	142	682	401	29	67	29	0	22	0	79	1	0	1	6	30	7	11	0	0	49	280	0	*2159*
Kalihi-Iwilei	84	53	26	1	71	266	81	27	65	24	0	12	0	37	1	0	0	6	11	3	4	0	0	35	136	0	*944*
Airport-Pearl Harbor	40	2	1	0	18	13	32	45	67	43	0	8	0	33	1	0	0	1	4	1	2	0	0	1	111	0	*424*
Salt Lake-Āliamanu	199	8	11	1	95	99	189	122	459	172	1	36	0	136	5	2	1	3	17	4	13	0	2	11	503	0	*2089*
Pearl City-ʻAiea	214	8	15	1	130	37	164	69	144	744	14	114	4	584	78	25	11	6	19	6	26	1	6	16	889	0	*3324*
ʻEwa	145	31	56	6	175	86	111	22	31	143	1064	835	63	440	11	11	9	22	14	10	53	3	46	72	369	0	*3828*
Kapolei	74	18	35	4	97	51	59	16	16	87	270	588	150	243	7	5	5	13	8	7	33	2	176	43	203	0	*2209*
Makakilo	47	13	25	2	67	36	38	9	13	56	60	274	109	124	3	3	3	8	6	5	20	1	68	30	135	0	*1154*
Waipahu-Waikele	116	32	56	6	140	85	93	24	31	100	425	274	39	692	139	114	40	22	13	10	35	5	32	71	584	0	*3178*
Waiawa	87	10	18	2	87	26	64	8	10	78	63	139	13	400	204	203	90	7	7	3	25	4	14	21	290	0	*1872*
Mililani	134	12	22	2	115	33	90	8	11	26	12	141	3	413	164	538	283	9	12	4	28	11	12	27	389	0	*2497*
Wahiawa	56	6	13	1	58	17	43	5	6	7	5	56	1	154	26	185	289	5	5	2	24	21	10	14	252	0	*1260*
East Honolulu	99	16	98	8	485	34	53	4	6	5	1	9	0	26	1	1	1	576	4	33	10	1	3	87	370	0	*1928*
Kāneʻohe	173	9	13	9	94	118	85	9	16	14	1	15	0	54	2	1	2	5	693	172	87	1	3	17	388	0	*1980*
Kailua	208	9	14	2	106	103	88	5	8	10	0	17	0	58	1	0	1	12	142	639	25	0	3	17	381	0	*1850*
Koʻolau Loa	11	1	2	0	9	4	4	1	1	1	0	1	0	4	0	0	0	1	5	1	354	1	0	3	55	0	*461*
North Shore	31	8	13	1	41	23	26	7	7	6	1	17	0	51	2	17	38	5	2	3	120	251	4	19	158	0	*852*
Waiʻanae	74	11	21	1	86	31	54	7	12	9	9	167	14	147	1	3	3	9	7	4	14	1	1192	25	220	0	*2122*
Makiki-Mānoa	206	26	116	5	285	105	147	2	4	2	0	8	0	28	0	0	0	19	6	2	8	0	0	202	796	0	*1968*
UH Mānoa	14	2	8	1	37	5	8	0	0	0	0	1	0	3	0	0	0	4	1	0	0	0	0	14	1	0	*97*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*3130*	*482*	*1122*	*110*	*4325*	*2286*	*2492*	*432*	*1002*	*1567*	*1927*	*2772*	*398*	*3846*	*646*	*1110*	*777*	*950*	*1045*	*917*	*919*	*303*	*1571*	*1321*	*8286*	*0*	*43735*

Table 3-70. To and From Shopping/Other Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	65	139	156	81	100	116	212	63	88	22	3	6	1	4	1	1	3	12	6	13	3	0	1	47	26	236	*1404*
Kakaʻako	129	64	129	130	106	86	152	34	37	11	1	6	0	3	0	4	1	10	3	7	1	1	2	49	33	202	*1203*
Mōʻiliʻili	527	269	157	148	326	122	208	41	45	22	3	10	1	5	1	2	3	45	8	11	3	0	3	111	76	424	*2571*
Waikīkī	730	428	433	155	468	68	136	33	37	19	4	20	1	4	3	2	4	28	4	7	3	2	2	122	100	755	*3567*
Kaimukī-Waiʻalae	407	218	430	305	487	97	157	46	42	26	3	13	1	5	4	4	3	89	4	9	5	2	1	167	137	426	*3091*
Palama-Liliha	757	365	284	126	126	340	696	250	274	92	4	19	3	13	5	7	3	18	28	26	3	1	1	91	42	303	*3875*
Kalihi-Iwilei	206	153	117	62	63	111	134	125	136	40	1	7	0	5	2	2	2	6	8	8	0	1	0	33	23	132	*1378*
Airport-Pearl Harbor	53	19	17	12	8	23	76	109	84	71	1	5	1	7	1	2	2	2	2	3	0	0	1	6	3	15	*523*
Salt Lake-Āliamanu	318	116	92	59	50	141	384	476	477	280	8	20	2	21	9	8	6	8	15	14	4	2	3	33	21	89	*2656*
Pearl City-ʻAiea	290	117	103	73	62	120	281	450	448	967	30	85	8	180	95	45	21	16	17	31	6	4	7	42	19	89	*3605*
ʻEwa	139	93	81	85	62	62	115	201	146	272	765	1088	61	403	49	44	27	17	19	40	11	5	19	40	23	57	*3925*
Kapolei	85	54	52	57	42	36	71	106	78	104	180	928	84	94	22	19	15	14	16	26	7	3	41	25	21	33	*2214*
Makakilo	53	42	38	38	30	28	47	76	56	69	69	702	61	61	15	14	10	9	10	16	4	2	21	19	10	25	*1525*
Waipahu-Waikele	132	63	63	51	41	50	122	186	155	533	161	285	26	463	150	73	27	13	13	22	8	3	12	27	9	48	*2737*
Waiawa	126	77	72	65	50	51	117	163	148	461	45	163	12	404	345	187	76	17	17	31	9	5	11	33	18	51	*2754*
Mililani	217	55	55	49	39	40	93	111	94	201	26	86	7	171	192	526	304	13	10	21	8	7	8	24	14	41	*2412*
Wahiawa	94	50	53	46	41	30	61	66	57	66	15	57	5	53	61	319	394	10	13	20	7	16	6	25	13	31	*1610*
East Honolulu	212	118	230	158	507	52	102	48	51	35	8	36	2	8	7	9	6	519	9	42	3	2	4	77	86	216	*2548*
Kāneʻohe	221	85	79	55	48	115	153	82	83	53	11	28	4	14	10	8	5	9	533	193	14	1	5	29	14	77	*1928*
Kailua	452	100	84	56	50	92	104	61	52	43	11	33	3	11	8	8	7	25	132	704	6	3	6	30	19	88	*2188*
Koʻolau Loa	39	32	29	28	24	18	37	35	27	28	8	36	2	9	5	7	8	7	21	17	242	5	2	15	9	23	*712*
North Shore	67	53	51	49	40	29	62	60	56	47	14	60	4	17	18	56	92	11	15	19	46	235	7	23	18	42	*1191*
Waiʻanae	156	128	123	116	96	73	147	151	140	124	64	675	51	59	30	33	27	27	31	48	6	6	677	55	34	81	*3160*
Makiki-Mānoa	443	216	247	147	234	114	203	53	44	24	4	8	2	2	3	2	2	21	4	12	2	1	3	159	95	418	*2464*
UH Mānoa	69	22	24	16	33	10	21	4	5	1	1	0	0	1	0	0	0	5	0	0	1	0	1	10	1	38	*263*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*5988*	*3076*	*3199*	*2168*	*3133*	*2022*	*3891*	*3030*	*2860*	*3612*	*1441*	*4377*	*340*	*2017*	*1037*	*1381*	*1046*	*953*	*938*	*1339*	*402*	*308*	*843*	*1293*	*866*	*3941*	*55504*

Table 3-71. Do not Originate/End at Work/Home Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	67	45	29	11	17	32	40	9	12	7	1	2	0	2	1	1	1	2	2	3	1	1	1	10	5	39	*342*
Kakaʻako	42	37	50	18	16	19	22	4	6	4	1	2	0	1	1	1	1	2	1	2	0	0	1	9	6	93	*340*
Mōʻiliʻili	39	35	61	30	38	17	17	5	6	4	1	3	0	1	1	1	1	5	1	2	1	1	1	19	15	86	*391*
Waikīkī	14	23	26	57	30	4	6	2	3	2	1	2	0	1	1	1	1	3	1	1	0	1	1	7	7	36	*232*
Kaimukī-Waiʻalae	23	19	40	31	95	8	12	4	5	4	1	3	0	2	1	1	1	22	1	2	1	1	1	16	21	28	*343*
Palama-Liliha	40	20	13	5	7	33	47	13	18	9	1	2	0	2	1	1	1	1	3	3	0	0	1	5	2	13	*243*
Kalihi-Iwilei	53	32	16	7	11	36	84	37	37	30	2	3	1	3	2	2	1	2	3	2	1	1	1	6	3	19	*394*
Airport-Pearl Harbor	15	7	5	3	5	14	40	30	49	18	2	4	1	10	5	2	1	1	2	13	1	1	2	2	1	5	*239*
Salt Lake-Āliamanu	16	8	6	3	5	16	35	59	67	42	3	6	1	11	5	3	2	2	3	9	1	1	2	2	2	6	*312*
Pearl City-ʻAiea	10	6	4	3	4	8	16	29	46	172	8	17	2	58	23	12	5	2	3	3	1	1	3	2	1	5	*445*
ʻEwa	2	2	1	1	1	1	2	3	3	10	80	63	4	30	3	3	1	1	1	1	1	1	2	1	1	2	*221*
Kapolei	3	3	3	2	3	2	4	6	6	17	64	293	27	34	6	5	3	2	2	3	1	1	10	1	1	3	*506*
Makakilo	1	0	0	0	0	0	1	1	1	2	4	28	4	3	1	1	0	0	0	0	0	0	1	0	0	1	*51*
Waipahu-Waikele	3	2	2	1	2	2	4	8	9	66	28	32	3	85	22	15	4	1	1	2	1	1	2	1	1	2	*300*
Waiawa	2	1	1	1	1	1	2	4	4	22	3	7	1	25	19	18	6	1	1	1	0	1	1	0	0	1	*124*
Mililani	2	2	1	1	1	1	2	3	3	10	2	5	1	16	18	52	30	1	1	1	1	2	1	1	1	1	*158*
Wahiawa	1	1	1	1	1	1	1	2	2	3	1	3	0	4	5	30	40	1	1	1	1	2	1	0	0	1	*105*
East Honolulu	3	3	5	3	22	1	2	1	2	2	1	2	0	1	1	1	1	41	1	2	0	0	1	2	3	4	*105*
Kāneʻohe	3	2	2	1	2	4	4	3	3	3	1	2	0	1	1	1	1	1	70	12	1	1	1	1	1	1	*121*
Kailua	6	4	2	2	2	4	3	3	3	4	2	4	1	2	1	2	1	2	16	81	1	1	1	1	1	3	*154*
Koʻolau Loa	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	18	1	0	0	0	1	*37*
North Shore	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	2	0	1	1	1	14	0	0	0	1	*34*
Waiʻanae	1	1	1	1	1	1	1	2	2	3	2	11	1	2	1	1	1	1	1	1	0	0	39	0	0	1	*77*
Makiki-Mānoa	14	12	20	7	13	9	7	2	3	2	1	1	0	1	0	0	0	2	1	1	0	0	0	13	9	21	*140*
UH Mānoa	11	8	14	7	17	4	6	2	2	2	0	1	0	1	0	0	0	2	1	1	0	0	0	10	3	13	*106*
Ala Moana Center	13	13	14	11	7	3	5	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	4	3	0	*82*
Total	*385*	*287*	*319*	*210*	*305*	*222*	*365*	*236*	*294*	*443*	*214*	*501*	*50*	*298*	*120*	*156*	*103*	*97*	*121*	*146*	*34*	*32*	*75*	*115*	*89*	*387*	*5603*

Table 3-72. Ground Access Air Passenger Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*106*
Kakaʻako	0	0	0	0	0	0	0	143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*143*
Mōʻiliʻili	0	0	0	0	0	0	0	272	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*272*
Waikīkī	0	0	0	0	0	0	0	2066	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2066*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*57*
Palama-Liliha	0	0	0	0	0	0	0	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*87*
Kalihi-Iwilei	0	0	0	0	0	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*70*
Airport-Pearl Harbor	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*17*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*66*
Pearl City-ʻAiea	0	0	0	0	0	0	0	112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*112*
ʻEwa	0	0	0	0	0	0	0	167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*167*
Kapolei	0	0	0	0	0	0	0	260	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*260*
Makakilo	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*30*
Waipahu-Waikele	0	0	0	0	0	0	0	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*88*
Waiawa	0	0	0	0	0	0	0	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*81*
Mililani	0	0	0	0	0	0	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*63*
Wahiawa	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*32*
East Honolulu	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*32*
Kāneʻohe	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*17*
Kailua	0	0	0	0	0	0	0	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*71*
Koʻolau Loa	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*25*
North Shore	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*12*
Waiʻanae	0	0	0	0	0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*48*
Makiki-Mānoa	0	0	0	0	0	0	0	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*76*
UH Mānoa	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*5*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*4003*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*4003*

Table 3-73. Visitor Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	92	30	13	0	3	18	0	4	0	0	0	0	0	0	0	2	0	0	1	1	0	4	2	26	*194*
Kakaʻako	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	*15*
Mōʻiliʻili	160	13	4	255	48	6	36	143	0	44	0	0	0	0	0	0	0	20	7	0	11	30	0	7	20	11	*814*
Waikīkī	2982	253	716	1060	1590	316	881	2602	19	802	0	0	0	676	0	23	43	750	40	414	234	346	17	235	303	5110	*19414*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	0	0	0	0	0	0	*44*
Palama-Liliha	0	0	5	0	0	0	56	82	8	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	*187*
Kalihi-Iwilei	0	0	1	7	1	0	0	2	10	1	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0	6	*54*
Airport-Pearl Harbor	96	8	24	241	261	185	29	321	0	25	0	0	0	10	0	0	0	14	0	0	5	7	0	3	8	145	*1381*
Salt Lake-Āliamanu	0	780	21	0	0	0	0	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*808*
Pearl City-ʻAiea	7	0	1	15	2	14	2	5	0	11	0	0	0	0	0	0	0	1	21	0	0	0	0	0	1	14	*95*
ʻEwa	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	1	*7*
Kapolei	291	22	49	701	88	11	61	263	0	98	0	63	0	0	0	0	0	42	0	0	0	17	0	11	28	748	*2492*
Makakilo	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*4*
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	0	0	0	0	256	0	0	0	0	0	0	0	0	0	0	0	0	*256*
Waiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mililani	0	0	22	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*27*
Wahiawa	3	0	0	7	1	0	0	2	0	1	0	0	0	25	0	0	0	0	0	0	0	1	0	0	0	7	*48*
East Honolulu	24	2	7	70	34	0	5	13	0	5	0	0	0	0	0	0	0	51	0	36	1	1	0	11	2	24	*285*
Kāneʻohe	10	1	3	30	3	0	2	5	0	2	0	0	0	0	0	0	0	1	12	25	5	2	0	0	1	18	*121*
Kailua	4	9	1	13	2	0	1	4	0	1	0	0	0	0	0	0	0	0	0	20	0	0	0	0	1	10	*67*
Koʻolau Loa	25	2	7	82	9	0	6	13	0	5	0	0	0	1	0	0	0	1	7	0	27	13	0	0	3	61	*263*
North Shore	4	1	1	19	2	0	1	9	0	1	0	0	0	16	0	0	0	0	0	0	4	9	0	0	1	17	*85*
Waiʻanae	34	2	6	87	7	1	7	88	0	66	0	3	0	0	0	0	0	1	0	0	0	0	25	0	3	50	*382*
Makiki-Mānoa	4	0	77	6	2	0	40	83	0	1	0	3	0	73	0	0	5	1	0	0	0	22	0	0	0	9	*325*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	*45*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*3644*	*1094*	*1037*	*2623*	*2062*	*554*	*1130*	*3655*	*43*	*1066*	*0*	*73*	*0*	*1138*	*0*	*23*	*48*	*908*	*87*	*543*	*289*	*449*	*45*	*272*	*374*	*6256*	*27413*

Table 3-74. A.M. Peak Two Hour Transit Trips (Origin to Destination Format) —2030 Project plus planned extensions

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	175	141	209	163	117	156	197	112	110	65	31	14	9	23	14	19	14	20	27	33	2	5	13	64	84	91	*1908*
Kakaʻako	357	80	175	221	154	124	236	86	72	33	9	17	3	19	8	6	4	19	12	16	4	1	2	66	102	63	*1889*
Mōʻiliʻili	837	304	212	248	326	124	263	110	74	50	9	12	5	23	9	7	4	45	12	11	4	4	10	106	130	118	*3057*
Waikīkī	710	244	263	197	344	83	195	234	39	82	28	14	9	84	25	9	10	77	14	38	19	27	8	81	127	471	*3432*
Kaimukī-Waiʻalae	542	198	341	325	337	73	138	60	40	27	5	10	3	13	3	6	2	85	2	15	4	1	2	100	138	114	*2584*
Palama-Liliha	720	210	154	99	77	312	444	209	145	85	6	21	3	32	13	5	3	10	28	28	3	0	2	43	77	75	*2804*
Kalihi-Iwilei	319	162	115	86	60	164	154	169	126	78	16	13	0	22	7	6	6	8	19	14	2	4	6	33	39	54	*1682*
Airport-Pearl Harbor	118	30	26	39	30	43	95	132	105	82	12	10	5	47	18	12	5	4	12	6	1	5	8	9	33	22	*909*
Salt Lake-Āliamanu	406	165	81	75	44	105	257	425	396	233	11	35	8	74	19	14	9	6	16	16	5	1	7	15	132	35	*2590*
Pearl City-ʻAiea	503	135	99	115	64	86	285	466	288	725	50	154	9	322	108	61	32	8	25	24	9	4	9	26	283	49	*3939*
ʻEwa	564	208	193	631	132	89	227	234	120	189	609	945	63	261	32	40	29	23	20	22	19	5	49	39	294	55	*5092*
Kapolei	283	112	93	349	72	53	119	139	64	127	253	992	120	161	34	30	24	17	13	13	11	4	119	28	152	81	*3463*
Makakilo	169	62	59	186	40	34	69	70	41	55	71	361	52	65	11	11	7	5	9	6	5	1	38	16	92	17	*1552*
Waipahu-Waikele	400	106	209	787	65	62	130	164	83	236	222	285	31	422	123	97	45	17	11	18	9	8	17	32	239	68	*3886*
Waiawa	269	67	127	457	48	30	95	121	61	200	59	163	7	270	163	161	86	9	8	13	8	10	11	17	130	45	*2635*
Mililani	338	104	97	120	71	50	127	152	71	156	36	141	6	193	133	382	255	8	13	9	12	15	12	19	205	29	*2754*
Wahiawa	190	55	58	75	38	25	69	88	41	66	18	74	5	82	43	205	253	4	5	6	8	22	10	12	133	20	*1605*
East Honolulu	291	96	171	159	266	44	70	46	21	20	4	9	2	12	1	2	3	289	5	36	3	0	6	43	129	57	*1785*
Kāneʻohe	334	76	57	61	34	102	117	78	53	41	6	12	2	20	8	4	1	3	359	132	30	1	1	15	112	23	*1682*
Kailua	448	86	72	64	47	91	108	73	37	38	5	11	2	19	8	5	1	17	107	415	7	1	3	15	96	27	*1803*
Koʻolau Loa	47	13	11	18	10	9	11	12	5	9	2	4	0	3	3	0	4	2	11	5	222	10	0	3	19	10	*443*
North Shore	112	42	43	50	27	25	39	41	28	20	3	25	2	26	13	33	57	3	4	4	59	148	1	9	74	14	*902*
Waiʻanae	272	112	90	131	67	42	106	175	73	65	33	307	28	84	13	19	12	14	9	10	5	0	524	26	135	37	*2389*
Makiki-Mānoa	513	168	198	175	146	94	171	72	46	26	1	7	1	19	1	3	5	22	11	10	2	2	1	91	213	80	*2078*
UH Mānoa	65	22	31	28	30	14	16	10	7	6	8	5	3	10	3	5	5	4	3	1	3	1	4	13	2	18	*317*
Ala Moana Center	36	22	29	40	18	13	14	4	6	3	2	2	1	3	3	2	1	5	2	2	0	1	2	11	5	0	*227*
Total	*9018*	*3020*	*3213*	*4899*	*2664*	*2047*	*3752*	*3482*	*2152*	*2717*	*1509*	*3643*	*379*	*2309*	*816*	*1144*	*877*	*724*	*757*	*903*	*456*	*281*	*865*	*932*	*3175*	*1673*	*57407*

Table 3-75. A.M. Peak Two Hour Home Based Work Transit Trips (Origin to Destination Format) —2030 Project plus planned extensions

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	66	60	106	91	50	56	89	78	66	44	20	14	5	19	11	13	7	12	17	22	2	3	9	29	11	21	*920*
Kakaʻako	215	41	91	146	63	58	136	70	48	29	8	8	2	7	6	5	5	9	8	12	0	1	4	26	19	11	*1028*
Mōʻiliʻili	568	201	120	143	122	72	164	81	59	34	7	9	2	13	7	5	4	21	9	11	1	1	3	34	25	37	*1752*
Waikīkī	329	144	109	61	82	41	86	40	26	19	23	13	7	31	18	6	3	13	6	8	1	2	4	24	18	23	*1137*
Kaimukī-Waiʻalae	353	125	163	201	103	35	77	40	25	18	4	5	1	4	3	3	1	22	1	5	1	0	2	25	28	33	*1280*
Palama-Liliha	435	124	83	67	26	65	217	130	78	52	5	10	1	11	7	4	3	4	14	15	1	1	1	13	12	20	*1398*
Kalihi-Iwilei	159	81	60	48	22	41	62	96	63	42	7	9	2	10	6	4	5	4	8	9	1	1	4	10	7	13	*775*
Airport-Pearl Harbor	45	14	11	8	3	10	25	56	35	30	8	7	3	29	13	7	3	2	6	3	0	1	6	3	2	2	*329*
Salt Lake-Āliamanu	241	69	49	46	15	42	116	265	154	110	7	22	2	30	13	8	6	2	8	9	0	1	3	6	9	12	*1246*
Pearl City-ʻAiea	343	96	72	79	23	45	174	317	142	300	29	93	5	114	48	32	19	3	12	14	2	2	4	8	38	17	*2033*
ʻEwa	448	164	145	547	74	51	152	183	82	100	176	535	28	90	17	27	22	11	11	14	5	3	29	17	150	35	*3117*
Kapolei	193	72	61	240	34	25	68	87	45	59	106	471	38	60	18	21	16	6	7	6	3	2	39	12	64	18	*1770*
Makakilo	131	48	45	162	20	17	46	54	26	29	35	201	15	25	6	8	6	3	4	4	1	1	11	5	45	11	*960*
Waipahu-Waikele	294	72	156	670	25	27	76	110	51	104	53	148	9	131	44	36	23	5	6	8	2	3	4	8	63	48	*2176*
Waiawa	205	51	102	408	19	16	58	89	39	107	28	103	4	110	61	63	40	3	3	7	2	3	4	6	42	34	*1609*
Mililani	244	85	71	99	38	28	84	125	57	101	27	94	5	58	44	140	98	3	6	8	2	9	5	10	71	17	*1529*
Wahiawa	139	48	42	60	16	14	46	67	28	49	13	54	2	28	20	85	96	3	2	6	1	13	4	8	41	12	*896*
East Honolulu	185	60	94	100	84	17	40	36	17	13	2	4	0	3	1	2	0	57	4	15	0	0	1	14	21	24	*794*
Kāneʻohe	227	55	40	37	12	41	74	63	35	27	2	7	1	5	4	4	2	2	91	46	7	1	0	6	13	9	*809*
Kailua	273	64	49	46	17	42	64	53	33	24	3	6	1	6	3	3	2	9	42	121	2	0	1	7	14	12	*897*
Koʻolau Loa	32	9	6	9	3	4	6	8	3	4	1	2	0	1	1	1	1	0	8	2	75	6	0	1	6	2	*192*
North Shore	82	29	27	35	9	10	26	30	16	14	3	13	1	12	8	21	32	2	2	3	24	46	1	3	25	7	*481*
Waiʻanae	201	73	62	90	32	23	65	138	49	38	22	194	12	40	11	12	12	4	6	6	1	0	82	8	65	17	*1264*
Makiki-Mānoa	339	114	103	122	58	44	94	51	33	20	1	3	0	5	2	2	1	7	5	7	0	0	1	22	20	27	*1081*
UH Mānoa	34	13	13	13	9	5	8	5	4	3	7	3	2	4	2	3	2	2	1	1	0	1	3	3	0	5	*145*
Ala Moana Center	1	0	2	1	1	1	1	0	1	1	1	1	0	2	1	1	0	1	0	1	0	0	1	1	0	0	*20*
Total	*5782*	*1914*	*1880*	*3530*	*961*	*831*	*2054*	*2272*	*1215*	*1370*	*599*	*2028*	*149*	*849*	*373*	*515*	*409*	*210*	*289*	*362*	*135*	*102*	*223*	*311*	*808*	*468*	*29638*

Table 3-76. Difference in Daily Total Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	0	26	26	348	-49	-101	348	446	-35	26	5	24	0	128	8	-1	-2	-9	-5	-12	0	0	0	-16	446	337	*1937*
Kakaʻako	58	-165	-42	125	-11	-8	145	228	13	24	2	16	1	45	4	1	1	0	0	-1	0	0	0	-3	183	76	*694*
Mōʻiliʻili	276	90	-107	115	-79	-3	174	402	13	61	3	17	1	46	2	0	-1	-1	2	2	5	10	0	-23	243	155	*1403*
Waikīkī	1688	167	48	94	290	22	591	3025	22	572	2	16	1	57	6	1	0	0	2	2	108	165	0	-233	603	1064	*8314*
Kaimukī-Waiʻalae	192	87	-6	27	-63	21	88	133	24	34	3	16	1	28	3	1	0	-4	2	1	1	0	0	-8	10	54	*648*
Palama-Liliha	81	85	44	74	40	67	38	271	33	74	4	29	1	60	5	2	1	2	4	0	1	0	0	5	96	85	*1101*
Kalihi-Iwilei	437	177	110	264	12	-48	123	510	-14	43	7	35	0	166	11	0	0	0	3	0	1	0	0	7	294	253	*2393*
Airport-Pearl Harbor	437	100	92	318	30	6	395	594	34	89	22	87	1	504	44	0	0	12	3	6	4	3	1	5	250	236	*3272*
Salt Lake-Āliamanu	217	116	66	109	38	34	192	581	206	43	11	66	3	118	16	6	3	3	8	8	3	1	3	11	214	44	*2120*
Pearl City-ʻAiea	787	256	193	263	144	111	465	667	268	318	31	230	13	404	7	12	6	16	38	37	16	2	6	35	577	104	*5004*
ʻEwa	947	417	409	1276	298	169	508	699	292	307	402	1335	66	500	56	53	37	44	36	42	36	8	51	88	657	116	*8849*
Kapolei	684	256	252	1130	233	103	302	793	168	292	278	828	37	549	59	43	33	59	26	31	26	18	41	54	399	540	*7235*
Makakilo	286	136	126	419	100	58	143	200	95	113	74	332	18	140	18	22	16	15	13	15	16	3	24	30	215	35	*2663*
Waipahu-Waikele	761	226	440	1637	169	104	413	858	191	302	139	593	26	565	239	46	23	24	20	21	21	5	11	56	619	189	*7698*
Waiawa	394	125	226	946	101	50	165	289	124	57	52	264	18	477	29	51	10	13	16	18	6	2	8	25	241	95	*3804*
Mililani	492	196	166	263	144	68	224	357	156	183	56	314	17	298	53	106	26	18	20	20	2	9	13	29	381	64	*3674*
Wahiawa	259	111	94	158	77	36	122	187	84	84	29	163	9	129	13	87	41	10	9	9	0	9	10	16	229	43	*2019*
East Honolulu	-66	48	45	66	22	-10	12	102	17	24	3	19	1	24	2	0	-2	-9	-2	-2	-1	1	-1	-10	24	57	*363*
Kāneʻohe	-17	37	21	69	19	-2	15	119	9	50	3	25	2	47	4	2	-1	0	-113	-15	0	0	0	3	140	41	*457*
Kailua	-32	37	19	58	13	-1	7	114	3	37	3	22	1	41	2	0	-3	0	-15	-143	0	0	-2	2	116	37	*317*
Koʻolau Loa	5	5	9	46	9	0	4	40	-2	11	1	9	0	5	1	0	0	0	0	0	-37	0	-3	0	27	40	*170*
North Shore	195	90	82	136	62	30	74	120	52	46	11	61	2	60	10	20	35	8	4	7	2	63	4	16	172	41	*1402*
Waiʻanae	492	230	205	371	154	77	208	538	195	128	39	230	15	161	30	30	27	17	18	14	4	2	226	36	372	96	*3915*
Makiki-Mānoa	98	19	4	47	6	-8	53	119	16	27	1	12	0	22	1	-1	-1	0	0	1	1	0	0	3	11	23	*457*
UH Mānoa	445	136	201	430	-23	0	284	216	2	16	3	12	0	76	5	0	0	-1	0	0	0	0	0	-16	-6	337	*2118*
Ala Moana Center	321	70	99	265	-7	0	213	143	0	10	2	8	0	51	4	0	0	0	0	0	0	0	0	-5	358	0	*1533*
Total	*9437*	*3080*	*2822*	*9055*	*1730*	*776*	*5306*	*11750*	*1967*	*2971*	*1186*	*4763*	*235*	*4704*	*630*	*481*	*249*	*217*	*89*	*60*	*216*	*303*	*394*	*106*	*6871*	*4162*	*73559*

Table 3-77. Difference in Peak Period Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	-122	-71	-33	15	-12	-45	-56	28	-22	10	1	10	-1	-1	-2	3	2	-11	-6	7	-1	-1	-1	2	41	16	*-251*
Kakaʻako	-20	-80	-15	39	-2	-2	50	46	8	10	0	12	-1	11	2	-3	2	0	4	3	5	-1	-2	3	32	5	*107*
Mōʻiliʻili	114	71	-28	-27	-21	21	54	97	26	30	2	8	1	23	4	1	4	-5	3	7	-1	5	3	-13	26	30	*439*
Waikīkī	663	26	-23	-76	150	15	226	707	11	261	-4	10	-1	9	-2	0	-1	-7	11	-1	58	69	4	-114	67	393	*2450*
Kaimukī-Waiʻalae	174	60	22	53	-28	12	75	52	10	30	3	16	2	31	-2	0	1	0	-4	-1	7	2	1	14	10	32	*570*
Palama-Liliha	92	64	33	44	31	62	44	142	21	52	0	27	-2	34	9	3	-7	2	8	7	-4	1	0	4	67	58	*792*
Kalihi-Iwilei	16	65	22	51	5	-7	-99	64	-17	2	-1	12	-2	0	-3	1	1	7	4	6	0	1	3	24	27	32	*213*
Airport-Pearl Harbor	89	21	16	97	12	5	-7	4	28	7	0	8	2	25	11	3	-1	7	4	1	2	2	-1	5	46	61	*444*
Salt Lake-Āliamanu	169	92	59	80	38	35	146	383	190	57	4	48	2	80	8	7	6	2	-3	-2	2	-1	3	9	144	32	*1592*
Pearl City-ʻAiea	596	167	138	185	102	73	318	383	213	285	29	133	17	237	14	12	10	7	23	28	16	3	3	22	388	72	*3475*
ʻEwa	723	338	308	994	238	134	368	416	213	212	315	865	59	268	42	41	35	26	31	33	27	4	39	65	470	81	*6347*
Kapolei	459	170	181	738	143	94	181	327	129	181	114	352	43	166	35	29	24	38	19	29	24	9	38	51	268	258	*4099*
Makakilo	217	103	95	322	85	44	107	136	75	85	66	223	15	89	11	18	6	13	11	13	21	4	13	30	159	27	*1990*
Waipahu-Waikele	493	152	320	1220	119	74	208	280	129	147	40	205	24	219	53	35	12	23	15	18	22	2	6	54	394	112	*4376*
Waiawa	288	92	158	730	67	37	107	156	85	59	44	186	5	216	23	33	12	7	10	15	11	4	4	28	170	60	*2606*
Mililani	354	145	125	209	105	55	150	234	120	143	33	243	8	218	40	109	34	16	14	13	4	2	6	29	252	51	*2713*
Wahiawa	185	75	75	118	43	30	102	125	55	68	25	134	5	85	13	91	77	9	2	0	-1	8	14	14	168	34	*1555*
East Honolulu	-39	34	45	32	28	-13	7	51	17	20	-2	14	3	25	-3	-1	-5	20	-1	0	-4	3	0	-16	8	28	*253*
Kāneʻohe	-3	33	16	31	10	-7	-8	61	20	40	0	22	1	30	3	5	1	2	-32	-4	-2	-1	-4	9	100	26	*351*
Kailua	-10	15	10	55	19	3	1	39	-1	32	-2	11	0	23	3	-2	1	0	-11	-51	1	0	0	2	86	33	*258*
Koʻolau Loa	4	9	-4	26	8	-1	-4	18	-4	13	-1	6	-2	4	-1	-1	1	-1	-1	0	-15	1	-2	1	15	21	*87*
North Shore	155	77	53	102	36	20	60	79	40	31	10	44	0	46	5	19	27	11	2	3	-2	59	2	18	127	28	*1052*
Waiʻanae	382	162	166	270	113	57	155	384	143	99	29	140	20	113	18	21	16	14	0	22	7	3	207	34	261	55	*2890*
Makiki-Mānoa	84	23	1	41	-4	2	39	44	12	11	4	13	1	17	0	0	2	10	-1	10	-2	-1	0	10	15	17	*347*
UH Mānoa	6	13	-8	-5	-3	8	3	11	-2	6	-1	0	0	-1	0	1	1	-2	0	1	1	0	0	-8	-2	23	*41*
Ala Moana Center	-4	-13	-15	0	0	3	2	2	-1	-1	0	1	0	0	0	1	0	0	1	1	0	0	0	-3	0	0	*-25*
Total	*5066*	*1843*	*1717*	*5342*	*1281*	*711*	*2230*	*4269*	*1500*	*1889*	*708*	*2741*	*201*	*1967*	*282*	*429*	*259*	*187*	*102*	*160*	*177*	*178*	*334*	*274*	*3338*	*1584*	*38769*

Table 3-78. Difference in Off Peak Period Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	123	97	59	334	-37	-56	403	418	-12	15	4	14	1	129	10	-4	-3	1	1	-19	0	1	1	-18	405	321	*2188*
Kakaʻako	79	-85	-26	86	-9	-6	95	181	5	15	2	3	1	35	2	4	-1	0	-4	-4	-6	1	3	-6	150	71	*587*
Mōʻiliʻili	162	19	-79	142	-57	-25	120	305	-13	31	0	9	1	22	-2	-1	-5	4	-1	-6	5	4	-3	-11	217	124	*964*
Waikīkī	1025	141	71	171	140	7	364	2318	12	312	6	7	1	48	7	0	2	7	-9	3	50	96	-4	-120	536	671	*5864*
Kaimukī-Waiʻalae	18	27	-27	-26	-35	8	13	81	14	4	0	1	0	-3	5	1	0	-4	6	3	-6	2	-1	-22	0	22	*80*
Palama-Liliha	-11	21	11	31	9	4	-6	129	12	21	4	2	3	26	-3	-2	8	-1	-4	-7	5	-1	1	1	29	27	*309*
Kalihi-Iwilei	421	112	88	213	7	-41	222	446	3	41	7	24	2	166	14	-1	-1	-6	-1	-6	1	-1	-3	-16	267	222	*2180*
Airport-Pearl Harbor	347	80	76	221	18	1	402	591	7	82	22	79	-1	479	34	-4	1	5	-1	5	2	2	2	0	204	175	*2827*
Salt Lake-Āliamanu	48	24	7	28	-1	-1	46	198	16	-14	7	18	1	38	8	-1	-3	2	11	9	1	2	0	2	70	11	*528*
Pearl City-ʻAiea	190	90	55	79	42	38	147	284	54	33	2	97	-4	167	-7	0	-4	9	14	8	0	-1	3	13	190	32	*1529*
ʻEwa	224	79	101	282	60	35	140	282	79	96	87	470	7	232	14	12	2	18	4	8	9	4	12	22	187	35	*2502*
Kapolei	225	86	72	393	90	9	120	466	39	111	164	476	-7	383	24	14	9	20	7	2	2	9	4	4	131	282	*3136*
Makakilo	69	33	32	97	15	14	36	64	20	28	8	109	3	51	7	3	10	2	2	2	-5	-2	11	-1	56	8	*672*
Waipahu-Waikele	268	74	120	418	50	30	204	577	62	155	99	388	3	346	185	10	11	1	5	3	-1	3	5	2	225	78	*3322*
Waiawa	106	33	68	216	34	13	58	133	39	-1	8	77	13	262	6	18	-2	6	6	2	-5	-1	5	-3	71	35	*1197*
Mililani	138	51	41	54	39	13	73	123	36	40	23	71	8	80	13	-3	-8	2	6	7	-3	7	7	0	129	13	*961*
Wahiawa	74	36	18	40	34	5	20	62	29	17	4	29	4	44	-1	-4	-36	1	8	9	2	1	-4	2	61	8	*465*
East Honolulu	-27	14	0	33	-6	3	5	51	0	4	5	5	-2	-1	4	1	3	-29	-1	-2	2	-2	-1	5	16	30	*109*
Kāneʻohe	-15	4	5	37	9	5	23	58	-12	10	3	2	1	17	1	-3	-2	-2	-81	-11	2	1	4	-6	40	15	*106*
Kailua	-23	22	9	3	-5	-3	6	75	3	5	5	11	1	18	-1	2	-3	-1	-4	-92	-1	0	-1	0	31	5	*60*
Koʻolau Loa	1	-4	13	21	1	1	8	23	2	-2	2	2	2	2	2	1	-1	1	1	0	-21	-1	-1	-1	13	20	*83*
North Shore	40	13	28	33	26	10	14	41	12	15	1	18	2	13	5	1	8	-3	2	3	5	4	1	-1	44	13	*350*
Waiʻanae	110	68	39	101	41	21	53	154	52	29	10	90	-5	49	12	9	10	3	18	-8	-3	0	18	2	112	41	*1026*
Makiki-Mānoa	14	-4	3	7	10	-10	14	75	5	15	-2	-1	-1	5	0	-1	-3	-10	2	-9	2	1	0	-6	-4	6	*110*
UH Mānoa	439	123	208	435	-20	-8	282	205	4	11	4	12	0	77	5	-1	-2	1	0	-1	-1	0	0	-8	-4	314	*2078*
Ala Moana Center	325	83	114	265	-7	-3	211	140	1	11	2	9	0	51	4	-1	0	0	-1	0	0	0	0	-2	358	0	*1560*
Total	*4372*	*1237*	*1105*	*3712*	*449*	*65*	*3076*	*7481*	*467*	*1083*	*477*	*2023*	*34*	*2736*	*348*	*52*	*-10*	*30*	*-13*	*-100*	*38*	*128*	*59*	*-168*	*3533*	*2579*	*34794*

Table 3-79. Difference in To and From Work Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	17	6	22	54	8	0	20	48	8	22	1	6	0	6	1	0	-1	-3	0	0	0	0	0	1	8	39	*265*
Kakaʻako	41	-8	27	77	15	13	70	65	21	23	1	8	0	5	2	1	1	1	0	1	0	0	0	3	14	22	*404*
Mōʻiliʻili	196	140	25	28	3	15	82	83	21	31	2	11	1	7	2	0	-1	3	2	3	0	0	0	5	14	51	*725*
Waikīkī	116	52	15	-2	23	9	59	45	22	19	1	6	0	4	2	1	0	2	2	3	0	0	0	-1	11	18	*408*
Kaimukī-Waiʻalae	234	99	60	91	49	25	77	77	23	31	3	10	1	8	3	1	0	10	2	2	0	0	0	6	13	46	*871*
Palama-Liliha	156	94	48	76	23	34	60	174	30	63	4	18	1	16	5	2	1	2	5	4	0	0	0	5	16	49	*887*
Kalihi-Iwilei	110	97	48	73	16	2	13	86	29	31	1	11	0	8	3	2	1	1	4	3	0	0	0	6	9	39	*593*
Airport-Pearl Harbor	100	35	26	32	8	17	34	22	65	31	2	10	1	34	13	1	1	1	4	4	0	0	0	4	7	15	*468*
Salt Lake-Āliamanu	226	109	65	104	22	32	160	485	162	101	9	44	3	48	15	6	3	3	7	7	1	1	1	8	23	35	*1679*
Pearl City-ʻAiea	640	226	165	226	62	83	332	488	235	312	27	158	9	136	26	17	7	10	28	29	4	1	4	22	96	63	*3404*
ʻEwa	879	399	377	1268	197	134	422	506	251	213	240	909	49	134	40	41	30	35	28	37	13	5	42	59	437	109	*6855*
Kapolei	460	225	199	680	109	74	212	276	146	148	159	660	47	119	35	37	28	21	19	25	7	4	30	33	240	60	*4050*
Makakilo	261	127	112	414	60	42	120	154	80	72	58	234	11	45	14	17	13	11	9	12	4	2	15	17	133	34	*2071*
Waipahu-Waikele	584	183	385	1581	90	65	197	298	150	187	56	219	14	131	51	36	18	14	13	17	5	3	5	25	194	133	*4654*
Waiawa	337	110	209	932	50	35	113	177	94	76	35	166	11	116	25	43	12	8	10	12	1	2	4	15	100	81	*2777*
Mililani	425	188	154	257	81	56	179	285	138	160	47	210	14	91	41	82	50	14	14	18	0	7	8	21	178	57	*2775*
Wahiawa	235	108	88	151	45	31	102	158	77	81	26	116	7	47	16	62	90	8	8	10	0	6	6	14	102	37	*1631*
East Honolulu	-57	36	43	31	19	-5	1	56	13	15	3	11	1	7	1	0	-1	14	-1	0	0	0	0	-5	1	30	*211*
Kāneʻohe	-13	31	15	51	9	2	13	90	6	38	2	16	1	11	2	1	0	0	0	0	0	0	0	2	20	16	*313*
Kailua	-18	32	14	50	9	3	13	59	3	29	3	12	1	8	1	0	-1	1	0	0	0	0	0	2	20	18	*262*
Koʻolau Loa	5	4	4	13	3	0	0	12	-2	4	1	3	0	2	0	0	0	0	0	0	0	1	0	1	11	3	*63*
North Shore	183	85	74	120	36	24	65	102	48	39	9	37	2	24	10	20	34	6	3	6	1	39	3	10	89	27	*1097*
Waiʻanae	440	218	189	312	101	66	175	462	178	93	32	125	11	58	25	23	21	17	15	18	3	2	99	29	242	63	*3017*
Makiki-Mānoa	116	37	21	54	15	2	42	61	15	23	1	8	0	6	1	-1	-1	1	1	1	0	0	0	6	4	11	*425*
UH Mānoa	24	18	13	13	3	3	8	8	3	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	-1	11	*108*
Ala Moana Center	16	5	4	13	4	3	10	5	2	2	0	1	0	1	0	0	0	1	0	0	0	0	0	0	3	0	*69*
Total	*5713*	*2658*	*2400*	*6699*	*1059*	*762*	*2582*	*4282*	*1819*	*1846*	*721*	*3010*	*185*	*1072*	*334*	*392*	*304*	*180*	*176*	*213*	*41*	*74*	*221*	*289*	*1982*	*1068*	*40080*

Table 3-80. Difference in Non-Home Based Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	-37	15	-11	278	-61	-102	310	315	-45	-1	4	16	0	112	6	-2	-1	-5	-6	-13	0	0	0	-21	393	248	*1391*
Kakaʻako	12	-146	-88	38	-34	-30	50	59	-11	-1	1	3	0	24	1	0	0	-2	-1	-2	0	0	0	-12	126	20	*6*
Mōʻiliʻili	-28	-81	-138	25	-80	-29	45	49	-11	-1	1	2	0	20	0	-1	0	-6	-1	-2	0	0	0	-25	191	44	*-27*
Waikīkī	273	27	31	109	-77	-9	165	122	-4	7	1	6	0	45	3	0	0	-4	-1	-1	0	0	0	-13	431	196	*1306*
Kaimukī-Waiʻalae	-67	-30	-87	-78	-162	-12	-16	-4	-4	-3	0	0	0	0	0	0	0	-23	0	-1	0	0	0	-18	-36	-33	*-576*
Palama-Liliha	-111	-38	-23	-11	-10	-52	-73	-18	-23	-9	0	0	0	-1	-1	-1	0	-1	-4	-4	0	0	0	-3	-5	-17	*-406*
Kalihi-Iwilei	300	50	48	178	-18	-63	105	355	-63	-2	5	21	0	139	8	-2	-1	-2	-3	-3	0	0	0	-3	254	189	*1491*
Airport-Pearl Harbor	267	56	51	129	-5	-22	336	517	-82	25	19	70	0	452	30	-2	-1	-1	-3	-1	0	0	0	-2	188	124	*2146*
Salt Lake-Āliamanu	-53	-11	-11	-5	-5	-20	-62	-104	-91	-81	-1	-2	0	-7	-2	-2	-1	-1	-2	-1	0	0	0	-1	-2	-8	*-471*
Pearl City-ʻAiea	3	-1	-1	8	-3	-6	5	-10	-82	-316	-2	2	-1	27	-29	-15	-5	0	-1	-1	0	0	-1	0	12	7	*-410*
ʻEwa	5	1	1	2	0	0	6	19	-1	-3	-70	61	-4	53	3	-1	0	0	0	0	0	0	0	0	3	2	*75*
Kapolei	17	4	3	7	0	-1	22	69	-2	3	57	-94	-40	260	15	-2	-1	0	0	0	0	0	-6	0	11	7	*328*
Makakilo	0	0	0	0	0	0	0	0	0	-1	-2	-35	-3	-3	0	0	-1	0	0	0	0	0	-1	0	0	0	*-46*
Waipahu-Waikele	119	25	23	50	0	-1	147	444	-7	10	62	243	-2	147	152	-16	-5	0	0	0	0	0	-1	0	70	49	*1507*
Waiawa	7	1	1	3	0	0	9	29	-2	-27	4	12	0	145	-19	-21	-10	0	0	0	0	-1	0	0	5	3	*140*
Mililani	-2	-1	0	0	0	-1	-1	-2	-2	-17	-1	-1	0	-18	-22	-72	-53	0	0	0	0	-1	0	0	0	0	*-196*
Wahiawa	-1	0	0	0	0	0	-1	-1	-1	-6	0	-1	0	-4	-8	-52	-105	0	0	0	0	-3	0	0	0	0	*-184*
East Honolulu	-9	-2	-8	-6	-26	-1	-1	0	0	0	0	0	0	0	0	0	0	-49	0	-1	0	0	0	-1	-2	-3	*-109*
Kāneʻohe	-7	-2	-2	-1	-1	-4	-4	-3	-2	-1	0	0	0	0	0	0	0	0	-114	-16	0	0	0	0	0	-1	*-157*
Kailua	-15	-3	-2	-1	-1	-3	-3	-1	-2	-1	0	0	0	0	0	0	0	-1	-15	-144	0	0	0	-1	0	-2	*-196*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-37	-1	0	0	0	0	*-40*
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	-3	0	0	0	-1	-22	0	0	0	0	*-29*
Waiʻanae	-1	0	0	0	-1	0	0	0	0	-1	0	-9	-1	-2	0	0	0	0	0	0	0	0	-37	0	0	0	*-53*
Makiki-Mānoa	-27	-15	-32	-11	-17	-5	-9	-2	-2	-1	0	0	0	0	0	0	0	-1	-1	0	0	0	0	-9	-14	-10	*-157*
UH Mānoa	414	113	183	415	-29	-6	272	203	-2	14	3	11	0	73	5	0	0	-1	0	0	0	0	0	-16	-6	318	*1964*
Ala Moana Center	303	64	94	251	-11	-3	202	137	-2	8	2	8	0	50	3	0	0	-1	0	0	0	0	0	-5	355	0	*1454*
Total	*1360*	*25*	*30*	*1378*	*-542*	*-370*	*1502*	*2174*	*-439*	*-403*	*81*	*311*	*-50*	*1509*	*145*	*-191*	*-187*	*-97*	*-153*	*-192*	*-39*	*-29*	*-49*	*-130*	*1974*	*1132*	*8750*

Table 3-81. Difference in To and From School/University Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	1	-2	3	0	0	1	1	0	0	0	0	1	0	9	0	0	0	0	0	0	0	0	0	2	42	0	*61*
Kakaʻako	-2	-4	6	0	2	3	4	0	0	0	0	2	0	16	0	0	0	1	0	0	0	0	0	4	41	0	*75*
Mōʻiliʻili	5	1	-2	0	-9	4	10	0	0	0	0	2	0	18	0	0	0	2	0	0	1	0	0	6	29	0	*68*
Waikīkī	5	-1	7	0	7	1	7	0	0	0	0	1	0	8	0	0	0	1	0	0	1	0	0	1	20	0	*58*
Kaimukī-Waiʻalae	9	0	7	1	12	4	9	0	0	0	0	3	0	19	0	0	0	6	0	0	1	0	0	3	26	0	*101*
Palama-Liliha	8	-1	2	0	19	66	4	1	3	4	0	7	0	43	0	0	0	1	2	0	1	0	0	2	80	0	*243*
Kalihi-Iwilei	6	0	2	0	7	4	4	0	4	3	0	2	0	17	0	0	0	1	1	0	0	0	0	3	28	0	*85*
Airport-Pearl Harbor	8	0	0	0	7	2	5	14	11	6	0	3	0	15	0	0	0	0	1	0	1	0	0	0	48	0	*122*
Salt Lake-Āliamanu	17	1	1	0	15	7	21	18	57	-1	0	16	0	69	1	0	0	1	2	0	2	0	0	2	189	0	*419*
Pearl City-ʻAiea	74	2	6	0	67	8	59	3	18	74	1	37	1	196	2	1	1	2	7	1	10	0	1	5	465	0	*1041*
ʻEwa	54	9	23	2	96	29	60	8	13	49	132	160	13	250	3	2	2	9	7	4	24	2	7	26	215	0	*1199*
Kapolei	33	6	15	2	55	18	29	6	6	29	33	139	24	143	2	1	1	5	5	3	18	1	14	15	125	0	*729*
Makakilo	21	4	11	1	37	13	18	4	5	23	11	43	9	85	1	1	1	3	3	2	12	1	8	11	81	0	*409*
Waipahu-Waikele	44	11	25	3	74	33	48	10	14	25	2	59	8	223	16	13	6	9	6	3	16	2	5	28	354	0	*1036*
Waiawa	31	2	6	1	41	8	25	2	3	5	6	41	3	161	11	11	5	3	4	1	5	1	2	7	134	0	*518*
Mililani	44	2	7	1	59	9	34	3	4	6	3	73	1	193	17	41	17	3	5	2	1	3	3	7	201	0	*739*
Wahiawa	23	1	4	1	29	4	19	1	2	2	1	32	0	80	3	65	52	1	2	1	0	6	3	3	127	0	*462*
East Honolulu	-13	-1	1	0	11	-3	-1	0	1	0	0	4	0	17	0	0	0	19	0	0	-1	0	0	1	24	0	*58*
Kāneʻohe	1	0	1	2	6	0	-7	1	0	3	0	5	0	33	0	0	0	0	0	0	0	0	0	1	117	0	*165*
Kailua	1	0	1	0	2	0	-7	1	1	2	0	3	0	31	0	0	0	0	0	0	0	0	0	1	94	0	*131*
Koʻolau Loa	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	14	0	*18*
North Shore	11	2	4	1	20	6	8	2	2	2	0	12	0	34	0	1	4	2	0	1	1	45	1	5	80	0	*247*
Waiʻanae	32	3	8	1	44	9	24	3	4	3	2	49	2	97	0	1	1	4	3	1	7	0	142	8	127	0	*575*
Makiki-Mānoa	6	-1	5	0	5	2	7	0	0	0	0	3	0	16	0	0	0	0	0	0	1	0	0	6	20	0	*72*
UH Mānoa	1	0	2	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	*7*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*419*	*35*	*145*	*16*	*608*	*231*	*384*	*77*	*150*	*237*	*191*	*699*	*61*	*1778*	*56*	*138*	*90*	*72*	*50*	*20*	*100*	*63*	*189*	*148*	*2681*	*0*	*8639*

Table 3-82. Difference in To and From Shopping/Other Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	9	5	10	4	1	0	12	6	2	2	0	1	0	0	0	0	0	-1	0	0	0	0	0	1	1	31	*85*
Kakaʻako	5	-2	11	9	5	4	18	5	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	22	*86*
Mōʻiliʻili	36	24	4	4	6	4	18	7	2	3	0	2	0	0	0	0	0	1	0	1	0	0	0	1	2	41	*157*
Waikīkī	42	23	6	1	25	1	16	5	3	4	0	2	0	0	0	0	0	1	0	0	0	0	0	-2	5	19	*153*
Kaimukī-Waiʻalae	16	17	13	11	31	3	17	8	4	5	0	3	0	1	0	1	0	3	0	0	0	0	0	1	6	37	*178*
Palama-Liliha	28	29	17	9	7	17	44	50	22	15	0	3	0	2	0	0	0	0	1	0	0	0	0	0	5	51	*301*
Kalihi-Iwilei	17	24	9	7	3	7	2	19	10	4	0	1	0	1	0	0	0	0	0	0	0	0	0	1	2	20	*127*
Airport-Pearl Harbor	7	3	3	2	2	4	8	10	24	12	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	4	*84*
Salt Lake-Āliamanu	27	16	10	9	5	12	66	116	65	18	2	6	0	5	1	1	0	1	1	0	0	0	1	2	3	15	*382*
Pearl City-ʻAiea	64	27	23	18	16	24	65	105	90	233	5	28	3	36	8	7	3	3	3	6	2	1	1	8	4	25	*807*
ʻEwa	10	7	8	4	6	6	19	40	29	46	86	193	8	60	9	10	4	1	1	1	0	1	1	3	2	5	*558*
Kapolei	7	7	6	6	5	4	8	25	16	25	20	90	5	18	5	5	4	1	2	3	1	0	2	2	3	3	*273*
Makakilo	4	4	3	4	3	3	5	17	10	18	7	86	2	13	4	4	2	1	1	1	0	0	1	1	1	2	*196*
Waipahu-Waikele	15	7	7	4	5	7	19	38	31	70	16	64	4	53	17	10	3	1	1	1	0	0	1	3	1	7	*385*
Waiawa	18	12	9	10	9	8	18	29	28	2	6	42	3	51	11	16	2	2	2	4	1	0	1	3	2	10	*302*
Mililani	25	6	5	5	4	4	11	20	16	33	6	31	2	29	15	49	11	1	1	1	0	0	2	1	1	7	*287*
Wahiawa	1	2	2	3	3	0	2	6	5	6	2	15	1	6	2	10	3	0	0	-1	0	0	1	0	0	3	*73*
East Honolulu	-6	13	6	3	7	0	10	8	3	4	0	5	0	1	0	0	-1	1	0	-1	0	0	-1	-6	0	17	*63*
Kāneʻohe	2	8	6	5	2	0	11	15	5	8	1	4	0	2	1	1	0	-1	0	0	0	0	0	0	2	14	*87*
Kailua	0	7	5	4	2	-1	3	8	0	6	0	5	0	1	1	0	-1	0	0	0	0	0	-1	0	2	14	*54*
Koʻolau Loa	0	1	1	2	1	0	1	4	0	3	0	5	0	1	0	0	0	0	0	0	0	0	-2	0	1	2	*20*
North Shore	0	2	3	4	5	0	1	6	2	4	2	12	1	2	0	1	0	0	0	0	0	0	0	1	2	3	*51*
Waiʻanae	1	7	5	5	5	2	6	20	13	23	5	64	2	7	4	7	5	-4	-1	-5	-6	0	21	-1	2	1	*189*
Makiki-Mānoa	1	-2	10	4	3	-5	12	9	2	3	0	1	0	0	0	0	0	-1	0	0	0	0	0	0	0	18	*57*
UH Mānoa	5	3	2	2	1	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	*24*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*334*	*250*	*184*	*139*	*163*	*104*	*394*	*576*	*384*	*549*	*159*	*662*	*33*	*293*	*81*	*123*	*37*	*11*	*13*	*13*	*-2*	*3*	*28*	*23*	*51*	*375*	*4978*

Table 3-83. Difference in Do not Originate/End at Work/Home Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	10	2	2	1	0	0	4	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	*31*
Kakaʻako	2	-5	3	2	1	2	3	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	11	*26*
Mōʻiliʻili	3	1	4	0	1	0	2	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	18	*36*
Waikīkī	1	1	0	1	2	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*10*
Kaimukī-Waiʻalae	1	2	1	1	7	0	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	4	*23*
Palama-Liliha	0	1	0	0	0	2	3	3	1	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	*17*
Kalihi-Iwilei	5	6	2	1	2	3	-1	6	6	6	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	4	*46*
Airport-Pearl Harbor	3	2	1	1	1	4	5	-3	15	3	0	2	0	3	1	0	0	0	0	2	0	0	0	0	0	1	*45*
Salt Lake-Āliamanu	1	1	1	1	1	2	7	15	13	7	1	2	0	3	1	1	0	0	0	1	0	0	1	0	0	1	*60*
Pearl City-ʻAiea	2	1	1	1	1	2	3	5	7	15	1	5	1	9	0	1	0	0	1	1	0	0	1	0	0	1	*59*
ʻEwa	0	0	0	0	0	0	0	1	1	2	15	12	0	4	1	1	0	0	0	0	0	0	0	0	0	0	*38*
Kapolei	1	1	1	1	1	1	1	2	2	5	10	33	2	9	2	2	1	0	0	1	0	0	1	0	0	1	*77*
Makakilo	0	0	0	0	0	0	0	0	0	1	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	*8*
Waipahu-Waikele	1	0	0	0	0	0	1	2	2	10	3	8	1	11	3	3	1	0	0	0	0	0	0	0	0	1	*50*
Waiawa	0	0	0	0	0	0	0	1	1	1	1	2	0	4	2	2	0	0	0	0	0	0	0	0	0	0	*16*
Mililani	0	0	0	0	0	0	0	0	0	1	1	2	0	2	2	6	1	0	0	0	0	0	0	0	0	0	*18*
Wahiawa	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	*6*
East Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Kāneʻohe	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*4*
Kailua	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*6*
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*2*
Waiʻanae	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	*5*
Makiki-Mānoa	0	0	1	0	0	-1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*3*
UH Mānoa	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	*12*
Ala Moana Center	2	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*10*
Total	*33*	*19*	*20*	*13*	*23*	*17*	*35*	*43*	*54*	*60*	*34*	*81*	*6*	*52*	*14*	*19*	*5*	*1*	*3*	*6*	*1*	*1*	*5*	*4*	*6*	*57*	*611*

Table 3-84. Difference in Ground Access Air Passenger Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*70*
Kakaʻako	0	0	0	0	0	0	0	97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*97*
Mōʻiliʻili	0	0	0	0	0	0	0	195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*195*
Waikīkī	0	0	0	0	0	0	0	1426	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*1426*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*51*
Palama-Liliha	0	0	0	0	0	0	0	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*60*
Kalihi-Iwilei	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*43*
Airport-Pearl Harbor	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*5*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*50*
Pearl City-ʻAiea	0	0	0	0	0	0	0	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*76*
ʻEwa	0	0	0	0	0	0	0	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*124*
Kapolei	0	0	0	0	0	0	0	201	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*201*
Makakilo	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*24*
Waipahu-Waikele	0	0	0	0	0	0	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*66*
Waiawa	0	0	0	0	0	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*51*
Mililani	0	0	0	0	0	0	0	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*51*
Wahiawa	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*22*
East Honolulu	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*27*
Kāneʻohe	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*14*
Kailua	0	0	0	0	0	0	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*46*
Koʻolau Loa	0	0	0	0	0	0	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*17*
North Shore	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*8*
Waiʻanae	0	0	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*35*
Makiki-Mānoa	0	0	0	0	0	0	0	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*49*
UH Mānoa	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*4*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2812*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*2812*

Table 3-85. Difference Visitor Transit Trips (Production to Attraction Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	0	0	0	11	2	0	1	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	*35*
Kakaʻako	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mōʻiliʻili	63	6	0	57	0	2	17	66	0	26	0	0	0	0	0	0	0	0	0	0	4	10	0	-11	8	0	*249*
Waikīkī	1252	65	-11	-14	310	20	342	1425	0	542	0	0	0	0	0	0	0	1	0	0	108	165	0	-218	136	830	*4952*
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Palama-Liliha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kalihi-Iwilei	0	0	0	4	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	*9*
Airport-Pearl Harbor	52	4	10	154	17	2	8	29	0	12	0	0	0	0	0	0	0	10	0	0	3	3	0	1	6	92	*402*
Salt Lake-Āliamanu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Pearl City-ʻAiea	4	0	1	10	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	7	*27*
ʻEwa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Kapolei	165	14	30	434	63	8	29	214	0	82	0	0	0	0	0	0	0	31	0	0	0	13	0	3	20	471	*1577*
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Waiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Mililani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Wahiawa	1	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	*10*
East Honolulu	19	2	2	38	10	0	4	11	0	5	0	0	0	0	0	0	0	6	0	0	1	1	0	0	1	13	*111*
Kāneʻohe	0	0	1	12	2	0	1	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	*31*
Kailua	0	0	1	5	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	*15*
Koʻolau Loa	0	0	3	32	5	0	2	7	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	2	36	*89*
North Shore	0	0	1	11	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	*27*
Waiʻanae	19	2	3	53	5	1	3	18	0	8	0	0	0	0	0	0	0	1	0	0	0	0	0	-1	2	32	*147*
Makiki-Mānoa	2	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	*9*
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*0*
Total	*1578*	*93*	*42*	*809*	*420*	*32*	*408*	*1786*	*0*	*682*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*51*	*0*	*0*	*116*	*191*	*0*	*-227*	*178*	*1530*	*7689*

Table 3-86. Difference A.M. Peak Two Hour Transit Trips (Origin to Destination Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	21	0	10	19	3	7	10	13	15	16	20	3	4	9	4	8	8	-4	-2	1	-3	-1	8	7	8	18	*202*
Kakaʻako	18	-10	2	25	1	-2	19	10	19	4	5	10	1	9	5	3	2	5	2	-3	4	-1	-5	0	17	13	*153*
Mōʻiliʻili	45	35	17	6	8	5	22	23	9	17	4	4	3	11	3	1	-1	-3	-2	1	1	0	8	0	8	17	*242*
Waikīkī	123	13	18	-6	34	7	44	112	7	50	19	7	6	23	19	3	5	3	9	-4	8	13	4	-18	11	62	*572*
Kaimukī-Waiʻalae	47	16	19	19	23	11	21	17	16	10	0	8	0	8	2	4	1	-1	-7	6	1	1	-1	-4	2	21	*240*
Palama-Liliha	64	31	28	13	15	38	52	63	18	27	0	9	2	12	9	1	-1	-3	3	10	-1	0	-1	6	23	27	*445*
Kalihi-Iwilei	38	28	26	20	7	0	3	34	13	17	10	4	-2	12	2	-1	1	2	8	0	0	2	1	4	11	11	*251*
Airport-Pearl Harbor	40	14	13	20	3	10	25	20	32	23	8	7	3	27	7	7	0	4	6	0	1	2	5	5	19	10	*311*
Salt Lake-Āliamanu	122	42	26	40	16	21	79	196	83	58	8	20	6	41	3	5	6	-3	4	2	0	-3	6	-2	60	16	*852*
Pearl City-ʻAiea	283	83	61	81	29	47	148	212	107	163	25	76	9	114	9	8	7	1	16	9	3	1	1	11	190	28	*1722*
ʻEwa	349	150	134	468	92	54	160	174	89	104	109	339	19	115	13	25	10	13	15	12	9	5	18	18	229	35	*2758*
Kapolei	171	82	59	268	49	33	77	102	44	68	59	208	27	77	15	20	11	9	9	9	5	2	14	11	117	53	*1599*
Makakilo	107	46	36	144	27	22	42	53	26	31	24	74	5	37	4	6	3	3	9	2	2	1	8	11	68	11	*802*
Waipahu-Waikele	235	66	141	616	36	32	88	110	48	84	17	97	10	107	19	16	8	9	5	13	5	3	5	16	172	51	*2009*
Waiawa	151	42	86	363	26	15	52	70	33	54	23	70	0	83	11	15	7	7	3	9	2	3	4	8	78	26	*1241*
Mililani	184	73	57	84	49	27	73	104	45	64	12	88	2	87	13	23	22	3	8	5	3	0	6	8	135	19	*1194*
Wahiawa	111	34	30	51	26	11	44	56	25	26	12	45	2	36	6	28	31	2	2	3	-1	3	3	3	93	17	*699*
East Honolulu	-31	11	14	10	0	5	-4	17	-3	1	2	4	2	6	-1	0	2	12	-3	3	0	-2	5	-13	13	13	*63*
Kāneʻohe	-7	3	6	16	-4	6	-1	25	1	13	5	9	1	6	5	0	-5	2	-13	0	-2	0	-3	5	42	5	*115*
Kailua	-3	-2	6	6	9	3	1	15	3	3	1	0	1	14	3	2	-2	-2	0	1	0	1	-2	0	19	8	*85*
Koʻolau Loa	0	1	1	1	4	3	-3	1	-1	6	1	2	0	2	2	-1	1	-1	-1	0	-2	1	-2	-1	7	3	*24*
North Shore	51	22	29	30	17	11	18	24	15	6	2	17	2	18	2	3	9	-2	1	1	0	15	1	-1	44	4	*339*
Waiʻanae	126	67	43	78	37	17	54	119	42	40	9	41	14	46	2	8	3	10	2	1	3	-1	66	13	92	20	*952*
Makiki-Mānoa	24	2	17	12	-2	6	21	16	3	7	-3	4	-1	7	1	1	1	1	5	2	-2	-1	0	1	19	5	*146*
UH Mānoa	7	4	2	4	3	5	2	7	-1	2	6	4	2	5	1	4	3	-2	1	-1	3	0	1	-2	-1	4	*63*
Ala Moana Center	5	0	4	1	4	6	4	0	3	2	1	1	1	1	2	1	1	1	0	0	0	1	0	1	0	0	*40*
Total	*2281*	*853*	*885*	*2389*	*512*	*400*	*1051*	*1593*	*691*	*896*	*379*	*1151*	*119*	*913*	*161*	*190*	*133*	*66*	*80*	*82*	*39*	*45*	*150*	*87*	*1476*	*497*	*17119*

Table 3-87. Difference A.M. Peak Two Hour Home Based Work Transit Trips (Origin to Destination Format) —2030 Project plus planned extensions versus 2030 No Build Alternative

Production District	Attraction District																										
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	*Total*
Downtown	2	-2	6	8	1	2	3	6	6	12	12	7	4	9	5	6	4	-2	-1	0	0	1	4	1	-1	4	*97*
Kakaʻako	5	0	5	11	2	2	13	9	4	6	5	4	2	4	1	3	2	-1	0	1	0	0	2	1	3	2	*88*
Mōʻiliʻili	29	26	5	4	0	2	13	17	4	5	4	4	2	8	3	2	0	-1	1	-1	0	1	2	-1	3	6	*139*
Waikīkī	22	7	6	-3	4	4	9	10	2	7	16	9	5	23	14	4	2	1	2	1	0	1	2	-1	1	0	*147*
Kaimukī-Waiʻalae	7	7	-1	7	8	3	8	9	2	6	2	3	1	2	1	2	0	1	-3	2	0	0	1	0	1	2	*73*
Palama-Liliha	27	18	9	10	5	9	35	39	3	15	3	5	1	5	4	2	-1	-1	1	2	0	1	0	-1	4	4	*198*
Kalihi-Iwilei	19	14	6	9	5	2	5	18	7	11	5	4	1	4	2	2	2	0	0	2	1	1	2	1	0	2	*124*
Airport-Pearl Harbor	21	6	6	4	1	4	8	19	16	12	6	6	2	17	6	4	2	0	4	0	0	1	4	1	1	2	*152*
Salt Lake-Āliamanu	80	28	20	26	6	11	46	148	37	42	5	17	2	16	4	3	3	0	2	2	-1	0	2	1	5	5	*510*
Pearl City-ʻAiea	210	66	47	59	17	27	106	173	61	112	16	54	3	48	6	7	4	2	5	9	1	1	2	4	29	12	*1083*
ʻEwa	296	123	112	411	65	39	114	151	67	65	49	231	12	40	9	14	11	7	8	11	2	3	15	13	125	25	*2020*
Kapolei	129	55	44	191	27	19	49	68	35	37	42	114	8	27	11	12	9	5	5	5	3	1	7	9	55	15	*980*
Makakilo	90	38	34	129	16	13	33	44	21	20	14	44	3	12	4	4	3	3	4	3	1	0	2	4	38	8	*585*
Waipahu-Waikele	189	51	117	538	18	20	56	81	37	48	15	56	3	36	8	8	3	4	4	5	2	1	1	6	53	37	*1394*
Waiawa	121	36	71	328	14	10	38	57	24	36	12	51	1	33	4	7	4	3	1	5	2	0	3	4	30	24	*918*
Mililani	158	64	51	77	32	18	56	95	42	49	16	64	3	22	6	15	9	2	3	6	1	-1	3	6	55	14	*867*
Wahiawa	91	34	29	46	13	9	32	49	20	21	7	37	1	13	2	6	17	2	0	4	-1	3	2	5	31	11	*488*
East Honolulu	-45	-1	6	0	5	-3	-4	11	2	4	1	1	0	0	-1	0	0	2	0	1	-1	0	1	-2	-1	8	*-14*
Kāneʻohe	-6	4	4	8	1	1	4	19	-1	8	1	4	1	2	2	2	0	-1	-1	0	-1	-1	0	2	4	1	*57*
Kailua	-4	3	4	8	4	1	2	9	5	4	1	2	0	3	0	0	0	1	-2	0	0	-1	1	1	3	3	*47*
Koʻolau Loa	-2	1	-1	0	1	1	-1	2	0	2	1	1	0	1	0	0	0	-1	0	0	-1	0	0	1	1	1	*7*
North Shore	38	17	17	24	6	6	13	22	11	8	2	9	1	7	2	3	7	1	0	1	0	6	0	1	17	4	*222*
Waiʻanae	96	47	36	60	22	15	35	100	36	23	10	26	4	15	5	4	6	2	3	5	0	0	14	4	47	10	*623*
Makiki-Mānoa	-1	-1	3	5	-2	0	5	9	3	3	0	1	0	2	0	0	0	0	0	0	0	0	0	0	1	2	*32*
UH Mānoa	1	4	1	2	2	2	0	1	1	1	5	2	2	3	1	2	1	0	0	1	0	1	2	-1	0	1	*34*
Ala Moana Center	0	0	0	0	0	0	0	0	0	1	1	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	*9*
Total	*1572*	*646*	*636*	*1959*	*270*	*216*	*679*	*1168*	*446*	*558*	*251*	*757*	*60*	*358*	*99*	*113*	*89*	*30*	*37*	*64*	*9*	*19*	*71*	*63*	*507*	*204*	*10878*

Chapter 4 Ridership on Transit Facilities

This section describes the projected ridership effects on the transit facilities for the year 2030 Alternatives.

4.1 Transit Line Volumes

Tables 4-1 through 4-4 display the transit route summaries for the year 2030 No Build, TSM, and the Project and Project plus planned extensions, respectively. This information includes the projected number of transit boardings and passenger miles by route for the peak, off-peak, and 24-hour periods (complete tables with routes by direction and maximum load points are available in Appendix A). The No Build Alternative would handle 314,200 daily boardings on local buses, express buses, and ferry. This alternative would result in 1,760,200 passenger miles of daily bus/ferry travel. The TSM Alternative is projected to experience 335,400 daily bus and ferry boardings, resulting in 1,844,700 passenger miles of daily bus/ferry travel.

The Project will handle 116,300 daily fixed guideway boardings, resulting in 1,076,500 passenger miles of daily travel on the fixed guideway. Additionally, this alternative will handle 335,000 daily boardings on buses, resulting in a daily total of 1,423,100 passenger-miles of bus travel.

The Project plus planned extensions would handle 148,300 daily fixed guideway boardings, resulting in 1,349,100 passenger miles of daily travel on the fixed guideway. Additionally, there would be 309,100 daily boardings on buses, resulting in a daily total of 1,305,600 passenger-miles of bus travel.

4.2 Station Volumes by Access Modes

Tables 4-5 through 4-8 summarizes the daily fixed guideway mode of arrival and departure at each of the stations for the Project and Project plus planned extensions in both production to attraction (P/A), and origin to destination (O/D) format. To convert the P/A format table to O/D format, the total mode arrival and the total mode of departure trips from the P/A table are summed and divided by two for each station which is then multiplied by the proportion of trips for each mode from the P/A table with the exception of the drive access modes (kiss-and-ride and park-and-ride) which are just divided by two from the P/A table.

The summaries for mode of access will be based on the origin to destination formatted tables. For both the Project and Project plus planned extensions, the primary mode of access to the stations overall was via bus, indicating the integration with and reliance on bus connections to the fixed guideway line to serve the greater study corridor.

The Project plus planned extensions shows that approximately 50 percent of the fixed guideway riders daily would access the system by transferring from a feeder bus while 60 percent will do the same for the Project. Between 11 and 13 percent of these bus-to-rail transfers will occur at the Downtown station with the Project and Project plus planned extensions respectively. Other significant transfer stations in the Project will be Ala Moana Center, UH West Oʻahu, East Kapolei, Pearl Highlands, and Pearlridge. Bus transfers would greatly decrease at the East Kapolei Station under the Project plus planned extensions since this station would no longer be the terminus of the fixed guideway system.

Under the Project, almost 30 percent of fixed guideway riders access stations via walking daily. This percentage increases to 40 percent under the Project plus planned extensions. Nearly 11 percent of walking trips with the Project access the fixed guideway system at Ala Moana Center, although trips will be relatively equally distributed throughout the system. Under the Project plus planned extensions, mode of access via walking is highest at UH Manoa, and Ala Moana Center. Between 9.6 and 10.6 percent of all riders would access the system via automobile (either via kiss-and-ride drop off, park-and-ride lots, or spillover parking) under both the Project and Project plus planned extensions.

Regarding mode of departure, the primary mode used for the Project and Project plus planned extensions will be walking. This is because most of the large employment areas will be concentrated along the fixed guideway alignments, while residential housing areas will be more evenly spread throughout the island. Under the Project, nearly 60 percent of fixed guideway riders will depart via walking. This percent would grow significantly under the Project plus planned extensions to almost 74 percent. More riders will depart fixed guideway stations via bus under the Project, which reflects the fact that the Project will rely more heavily on integration with the bus system, particularly at its termini stations.

4.3 Fixed Guideway Link Volumes

The projected link volumes between the transit stations for the Project and Project plus planned extensions are listed in Tables 4-9 and 4-10.

The heaviest daily volumes will be found between the following stations:

- Project: Lagoon Drive and Middle Street
- Project plus planned extensions: Kapālama and Iwilei

These links are forecasted to carry 69,200 daily rail riders for the Project and 75,000 daily rail riders for the Project plus planned extensions.

The maximum one-way peak-hour volume will be found between Aloha Stadium (Kamehameha Highway) and Pearl Harbor:

- Volume will reach 8,100 passengers during the peak hour in the peak direction (Koko Head-bound) under the Project. Under the Project plus planned extensions, volume would reach 8,500 passengers during the peak hour in the peak direction.
- The a.m. peak-hour link volumes on the rail transit line are graphically displayed in Figures 4-1 and 4-2. These figures show that eastbound trains will carry the greatest number of passengers in the morning. On the ‘Ewa side of the transit corridor, the peak direction (Koko Head-bound) will account for more than 90 percent of the ridership. Peak direction ridership will drop off dramatically after the Downtown stops, and the volume entering the Downtown area will be over 90 percent of the volume near the Pearl Highlands Station (Kamehameha Highway/Kuala Street). This will be reflective of the high number of riders traveling from ‘Ewa and Central O‘ahu to the Primary Urban Center and accessing the stations on the Leeward side by either feeder bus or park-and–ride lots.

4.4 Station-to-Station Volumes

Tables 4-11 and 4-12 display the ridership projections for each station-to-station pair for the daily transit trips. These matrices show that the largest station-to-station interchange volumes will be those between the Pearl Highlands Station, Downtown, Ala Moana Center, and UH Mānoa.

Table 4-1. Transit Boardings and Passenger-Miles by Route—2030 No Build Alternative

Route	Description	Change from 2007	Transit Boardings			Passenger Miles		
			Peak	Off-Peak	24-Hour	Peak	Off-Peak	24-Hour
A	*CityExpress!* UH West Oahu-UH Mānoa	Extended	6265	5612	11877	52023	44391	96414
B	*CityExpress!* Kalihi-Waikiki	No Change	974	2175	3149	4097	7382	11479
C	*CountryExpress!* Mākaha-Downtown	Headway improved	5718	4377	10095	118583	93492	212075
D	*CountryExpress!* Wahiawa-UH Mānoa	New Route	4564	2117	6681	82667	36489	119156
E	*CountryExpress!* Ewa-Waikiki	Headway improved	4384	2021	6405	80835	34225	115060
441X	Koa Ridge-Waiawa-Downtown	New Route	139	0	139	2074	0	2074
1L	Limited Stop Hawaii Kai-Downtown	No Change	4390	1764	6154	35083	15297	50380
1	Kaimukī-Kalihi	No Change	8458	5780	14238	24076	16427	40503
2	Waikiki-School-Middle	No Change	12860	6391	19251	27766	14267	42033
3	Kaimukī-Salt Lake	No Change	11331	6273	17604	37523	20927	58450
4	Downtown-UH Mānoa-Waikiki	Restructured	6081	2010	8091	14073	3993	18066
5	Ala Moana-Mānoa	No Change	1386	577	1963	3145	1227	4372
6	Pauoa-Woodlawn	No Change	3729	4603	8332	8728	11627	20355
7	Kalihi Valley	No Change	2212	761	2973	3615	1566	5181
8	Waikiki-Ala Moana	No Change	1669	1951	3620	2883	3426	6309
9	Pālolo Valley-Pearl Harbor	No Change	7624	1912	9536	23702	5699	29401
10	Kalihi-ʻĀlewa Heights	No Change	269	115	384	446	188	634
11	Makalapa-Hālawa-Aiea Heights	No Change	834	345	1179	5000	1428	6428
13	Waikiki-Liliha	No Change	6167	4287	10454	12906	9485	22391
14	St. Louis-Kahala-Maunaalani	No Change	1825	803	2628	4233	1755	5988
15	Makiki-Pacific Heights	No Change	283	76	359	425	133	558
16	Moanalua Valley	No Change	194	0	194	467	0	467
17	Nuʻuanu-Ala Moana-Makiki	Restructured	6083	1769	7852	10584	3336	13920
18	University-Ala Moana	Restructured	567	205	772	673	185	858
19	Waikiki-Airport-Hickam	Headway improved	3587	3991	7578	10691	15235	25926
20	Waikiki-Pearlridge	Headway improved	5037	3609	8646	14649	12477	27126
22	Beach Bus	No Change	115	430	545	217	1593	1810
23	Hawaii Kai-Sea Life Park	Headway improved	3919	3515	7434	23773	20215	43988
31	Tripler-Māpunapuna	No Change	419	66	485	1083	284	1367
32	Kalihi-Pearlridge	No Change	1972	547	2519	5361	1192	6553
40/40A	Honolulu-Mākaha	Headway improved	12708	6150	18858	66202	31336	97538
41	Kapolei-Ewa Beach	No Change	1215	788	2003	3594	2017	5611
42	Ewa Beach-Waikiki	Headway improved	7609	4131	11740	25692	14017	39709
43	Waipahu-Honolulu-Ala Moana	No Change	1191	796	1987	3744	2995	6739
50	Mililani-Kapolei	New Route	2398	404	2802	7730	1194	8924
51	Honolulu-Wahiawa Heights	Restructured	9741	4468	14209	49572	22560	72132
52	Wahiawa-Circle Isle	Span of Service Increased	3228	2633	5861	40491	43879	84370
53	Honolulu-Pacific Palisades	No Change	2576	1208	3784	12063	5443	17506
54	Honolulu-Pearl City	No Change	2322	1702	4024	10668	7277	17945
55	Kaneohe-Circle Isle	Span of Service Increased	3364	2914	6278	43820	36949	80769
56	Honolulu-Kailua-Kaneohe	No Change	3984	1733	5717	29774	13489	43263
57/57A	Kailua-Waimanalo-Sea Life Park	No Change	5808	2942	8750	48074	24461	72535
65	Honolulu-Kahaluʻu	No Change	4806	841	5647	39202	6656	45858
70	Lanikai-Maunawili	No Change	805	580	1385	2080	1585	3665
71	Pearlridge-Newtown	No Change	449	0	449	926	0	926
73	Leeward Community College	No Change	754	206	960	791	244	1035
74	Aiea-Hālawa Heights	No Change	332	0	332	852	0	852
76	Waialua	No Change	478	288	766	1112	663	1775
77	Waimanalo-Kaneohe	No Change	191	98	289	503	452	955
80/80A	Hawaii Kai Park & Ride Express	No Change	543	0	543	3937	0	3937
80B	Upper Aina Haina Express	No Change	13	0	13	9	0	9
81	Waipahu Express	No Change	136	0	136	1497	0	1497
82	Hawaii Kai Park & Ride Express	No Change	78	0	78	868	0	868
83/83A	Wahiawa/Waialua Express	No Change	700	0	700	13216	0	13216
84/84A	Mililani Express	No Change	152	0	152	1359	0	1359
85/85A	Windward Express	No Change	198	0	198	696	0	696
86/86A	Windward-Pearl Harbor Express	No Change	99	0	99	699	0	699
88/88A	North Shore/Kahaluʻu Express	No Change	413	0	413	6988	0	6988
89	Waimanalo-Kailua Express	No Change	50	0	50	659	0	659
90	Pearl City Express	No Change	86	0	86	1199	0	1199
92	Makakilo City Express	No Change	193	0	193	4248	0	4248
93/93A	Waianae Coast Express	No Change	936	0	936	27541	0	27541
95	Hawaii Kai-Pearl Harbor Express	No Change	9	0	9	18	0	18
96	Waipiʻo Gentry Express	No Change	20	0	20	239	0	239
97	Village Park Express	No Change	798	0	798	13147	0	13147
98/98A	Mililani/Wahiawa/Kunia Express	No Change	90	0	90	1309	0	1309
101	Ewa Gentry Express	No Change	126	0	126	2339	0	2339
102	Villages of Kapolei Express	No Change	138	0	138	2876	0	2876
103	Paiwa-Waikele Express	No Change	105	0	105	1317	0	1317
203	Kalihi via School Street Express	No Change	7	0	7	42	0	42
231	Hawaii Kai-Hahaʻione Valley	No Change	9	11	20	3	4	7
232	Hawaii Kai-Koko Marina	No Change	18	116	134	12	152	164
233	Kāhala Mall-Aina Haina	No Change	284	131	415	365	152	517
234	Waiaiae Nui-Waiʻalae Iki	Headway improved	36	70	106	64	138	202
401	Waianae Valley	No Change	198	116	314	372	216	588
402	Lualualei Homestead	No Change	217	114	331	625	320	945
403	Nānākuli-Māʻili-Waianae	No Change	262	123	385	581	280	861
411	Makakilo Heights-UH West Oahu	Extended	2315	1505	3820	5380	3849	9229
412	Panana-Kapolei	Delete Route	0	0	0	0	0	0
413	Campbell Industrial Park	Span of Service Increased	844	598	1442	1858	1408	3266
414	Palahiʻa-Makakilo-Kapolei	No Change	456	127	583	720	234	954
415	Ocean Pointe-Ewa-Waipahu	New Route	1239	803	2042	4372	3233	7605
416	West Kapolei-Makaiwa Hills	New Route	1599	1553	3152	3871	3829	7700
418	Kalaeloa	New Route	457	332	789	919	612	1531
419	West Kapolei	New Route	732	521	1253	1341	1004	2345

Route	Description	Change from 2007	Transit Boardings			Passenger Miles		
			Peak	Off-Peak	24-Hour	Peak	Off-Peak	24-Hour
421	Hoʻopili-UH West Oʻahu-East Kapolei	New Route	994	180	1174	1925	337	2262
422	Hoʻopili-UH West Oʻahu-East Kapolei	New Route	489	44	533	747	52	799
423	Ewa Beach	New Route	474	246	720	1742	921	2663
432	East-West Waipahu	No Change	50	68	118	55	102	157
433	Waikele/Waipiʻo	Extended	1275	1323	2598	3507	3753	7260
434	Village Park-Royal Kunia	Extended	1296	881	2177	3542	2167	5709
441	Waiawa	New Route	2205	1072	3277	5745	3332	9077
501	Mililani Mauka-Mililani Transit Center	Headway Improved	936	189	1125	1970	423	2393
502	Mililani-Lanikuhana	New Route	583	318	901	926	567	1493
503	Mililani-Launani Valley	No Change	23	12	35	28	11	39
504	Mililani South-Mililani Transit Center	Delete Route	0	0	0	0	0	0
511	Wahiawa Heights	New Route	436	292	728	714	508	1222
512	Wahiawa-Kilani-Whitmore Village	New Route	342	168	510	945	457	1402
513	Wahiawa-Schofield	New Route	2019	1165	3184	2825	9233	12058
Feeder Service to TheBoat								
F2	Aloha Tower-UH Mānoa	No Change	70	0	70	183	0	183
F3	Aloha Tower-Waikiki	No Change	67	0	67	205	0	205
F41	Kalaeloa-Villages of Kapolei	No Change	58	0	58	229	0	229
F93	Kalaeloa-Waianae Coast	No Change	97	0	97	572	0	572
F411	Kalaeloa-Makakilo	No Change	13	0	13	40	0	40
F415	Kalaeloa-Ocean Pointe	New Route	31	0	31	69	0	69
TheBoat								
900		No Change	0	0	0	0	0	0
901		No Change	63	0	63	73	0	73
910		No Change	69	0	69	780	0	780
Totals			*202,160*	*112,042*	*314,202*	*1,129,779*	*630,452*	*1,760,231*

Table 4-2. Transit Boardings and Passenger-Miles by Route—2030 TSM Alternative

Route	Description	Change from 2007	Transit Boardings			Passenger Miles		
			Peak	Off-Peak	24-Hour	Peak	Off-Peak	24-Hour
A	CityExpress! Middle Street-UH Mānoa	Extended; Headway Improved	8626	4635	13261	65162	38412	103574
B	CityExpress! Kalihi-Waikiki	No Change	2277	2251	4528	8055	7547	15602
C	CountryExpress! Mākaha-UH West Oahu	Headway Improved	7057	5539	12596	152644	106518	259162
D	CountryExpress! Wahiawa-Pearl Highlands	New Route	5951	1773	7724	103255	32594	135849
E	CountryExpress! Ewa-Waikiki	Headway improved	5061	2923	7984	77851	42554	120405
434X	Royal Kunia Express	New Route	219	0	219	3848	0	3848
441X	Waiawa Express	New Route	98	0	98	1279	0	1279
1L	Limited Stop Hawaii Kai-Downtown	Headway Improved	5895	1839	7734	43773	15812	59585
1	Kaimukī-Kalihi	No Change	7252	5739	12991	18787	16494	35281
2	Waikiki-School-Middle	No Change	8796	5223	14019	18828	11792	30620
3	Kaimukī-Salt Lake	No Change	10943	5862	16805	36307	19244	55551
4	Downtown-UH Mānoa-Waikiki	Restructured	5460	1825	7285	12341	3638	15979
5	Ala Moana-Mānoa	No Change	1388	575	1963	3119	1249	4368
6	Pauoa-Woodlawn	No Change	3858	4524	8382	8516	11387	19903
8	Waikiki-Ala Moana	No Change	1941	2053	3994	3391	3586	6977
9	Pālolo Valley-Pearl Harbor	No Change	7871	1950	9821	23486	5746	29232
11	Makalapa-Hālawa-Aiea Heights	No Change	1099	337	1436	5986	1756	7742
13	Liliha-Downtown	No Change	8173	6399	14572	20442	16293	36735
14	St. Louis-Kāhala-Maunaalani	No Change	1717	1019	2736	3809	2276	6085
15	Makiki-Pacific Heights	No Change	267	83	350	401	127	528
17	Nuʻuanu-Ala Moana-Makiki	Restructured	6061	1750	7811	10667	3387	14054
18	University-Ala Moana-Waikiki	Restructured	2402	578	2980	3715	709	4424
19	Waikiki-Airport-Hickam	Headway Improved	3276	3731	7007	9924	14559	24483
20	Waikiki-Pearlridge	Headway improved	3310	2801	6111	9414	9436	18850
22	Beach Bus	No Change	52	286	338	135	1280	1415
23	Hawaii Kai-Sea Life Park	No Change	2681	2557	5238	18729	17333	36062
31	Kalihi-Pearlridge	Restructured	1509	249	1758	2791	243	3034
40/ 40A	Honolulu-Mākaha	Headway Improved	14282	5529	19811	69648	25616	95264
41	Kapolei-Ewa Beach	Restructured	1923	736	2659	5263	1833	7096
42	Ewa Beach	Reoriented; Headway Improved	6202	3709	9911	19589	12282	31871
43	Waipahu-Honolulu-Ala Moana	No Change	392	422	814	829	1483	2312
50	Mililani-Waipahu	New Route	4272	3584	7856	15666	12773	28439
51	Wahiawa-Pearlridge	Reoriented	9778	6669	16447	48961	35019	83980
52	Wahiawa-Circle Isle	No Change	3212	2290	5502	35154	38682	73836
54	Honolulu-Pearlridge	Restructured	2199	1339	3538	14611	8744	23355
55	Kaneohe-Circle Isle	Span of Service Increased	3391	2934	6325	44318	36857	81175
56	Honolulu-Kailua-Kaneohe	No Change	3936	1731	5667	29172	13683	42855
57/ 57A	Kailua-Waimanalo-Sea Life Park	No Change	5737	2906	8643	48100	24491	72591
65	Honolulu-Kahaluʻu	No Change	4811	811	5622	39393	6638	46031
70	Lanikai-Maunawili	No Change	809	586	1395	2066	1599	3665
76	Waialua	No Change	478	294	772	1114	683	1797
77	Waimanalo-Kaneohe	No Change	186	108	294	501	455	956
80/	Hawaii Kai Park & Ride Express	No Change	474	0	474	3338	0	3338
80A								
80B	Upper Aina Haina Express	No Change	10	0	10	6	0	6
81	Waipahu Express	No Change	105	0	105	1134	0	1134
82	Hawaii Kai Park & Ride Express	No Change	74	0	74	816	0	816
83/ 83A	Wahiawa-Waialua Express	No Change	515	0	515	9862	0	9862
84/ 84A	Mililani Express	No Change	118	0	118	985	0	985
85/ 85A	Windward Express	No Change	171	0	171	628	0	628
86/ 86A	Windward-Pearl Harbor Express	No Change	95	0	95	644	0	644
88/ 88A	North Shore-Kahaluʻu Express	No Change	417	0	417	6915	0	6915
89	Waimanalo-Kailua Express	No Change	50	0	50	614	0	614
90	Pearl City Express	No Change	65	0	65	891	0	891
91	Ewa Beach Express	No Change	217	0	217	3591	0	3591
92	Makakilo City Express	No Change	127	0	127	2763	0	2763
93/ 93A	Waianae Coast Express	No Change	877	0	877	25876	0	25876
95	Hawaii Kai-Pearl Harbor Express	No Change	9	0	9	18	0	18
96	Waipiʻo Gentry Express	No Change	18	0	18	162	0	162
97	Village Park Express	No Change	365	0	365	6158	0	6158
98	Wahiawa-Mililani Park & Ride	Headway Improved	146	0	146	1982	0	1982
98A	Kunia Village-Mililani-Waikiki	No Change	78	0	78	1073	0	1073
101	Ewa Gentry Express	No Change	112	0	112	1984	0	1984
102	Villages of Kapolei Express	No Change	110	0	110	2226	0	2226
103	Paiwa-Waikele Express	No Change	61	0	61	695	0	695
203	Kalihi via School Street Express	No Change	9	0	9	50	0	50
231	Hawaii Kai-Hahaʻione Valley	No Change	4	15	19	1	6	7
232	Hawaii Kai-Koko Marina	No Change	24	108	132	19	140	159
233	Kāhala Mall-Aina Haina	No Change	319	137	456	424	164	588
234	Waiaiae Nui-Waiʻalae Iki	Headway Improved	26	61	87	38	116	154
301/ 302	Moanalua Valley-Salt Lake-Airport-Tripler	New Route	2931	1953	4884	8733	6095	14828
303	Kalihi Valley Homes	New Route	417	154	571	391	151	542
304	ʻĀlewa Heights	New Route	1033	225	1258	1649	442	2091
305	Sand Island-Kalihi Kai	New Route	2092	769	2861	3614	1626	5240
306	Lagoon Drive-Māpunapuna	New Route	28	35	63	17	15	32
401	Waianae Valley	Headway Improved	482	126	608	944	241	1185
402	Lualualei Homestead	Headway Improved	294	129	423	855	361	1216
403	Nānākuli- Māʻili- Waianae	Headway Improved	449	137	586	957	305	1262
411	Makakilo Heights-UH West Oahu	Extended; Headway Improved	3297	1487	4784	7301	3773	11074
412	Panana-Kapolei	Delete Route	0	0	0	0	0	0
413	Campbell Industrial Park	Span of Service Increased	889	603	1492	1972	1381	3353
414	Palahiʻa-Makakilo-Kapolei	No Change	308	104	412	448	199	647
415	Ocean Pointe-Ewa-Waipahu	New Route	2137	793	2930	6266	2744	9010
416	Makaiwa Hills	New Route	1639	1697	3336	4007	4137	8144

Route	Description	Change from 2007	Transit Boardings			Passenger Miles		
			Peak	Off-Peak	24-Hour	Peak	Off-Peak	24-Hour
418	Kalaeloa	New Route	244	304	548	381	551	932
419	West Kapolei	New Route	693	486	1179	1280	901	2181
421	Hoʻopili-UH West Oʻahu-East Kapolei	New Route	1736	693	2429	3322	1393	4715
422	Hoʻopili-UH West Oʻahu-East Kapolei	New Route	1468	207	1675	2031	314	2345
423	Ewa Beach	New Route	436	230	666	1656	795	2451
432	East-West Waipahu	No Change	23	47	70	20	21	41
433	Waikele/Waipiʻo	Extended; Headway Improved	983	512	1495	2619	1510	4129
434	Village Park-Royal Kunia	Extended; Headway Improved	1707	822	2529	4361	2223	6584
435	Leeward Community College	New Route	375	296	671	410	428	838
441	Waiawa	New Route	2173	970	3143	5576	2894	8470
501	Mililani Mauka-Mililani Transit Center	Headway Improved	948	532	1480	1940	1068	3008
502	Mililani-Lanikuhana	New Route	482	369	851	812	575	1387
503	Mililani-Launani Valley	No Change	25	5	30	28	5	33
504	Mililani South-Mililani Transit Center	Delete Route	0	0	0	0	0	0
511	Wahiawa Heights	New Route	452	236	688	736	380	1116
512	Wahiawa-Kilani-Whitmore Village	New Route	356	187	543	993	508	1501
513	Wahiawa-Schofield	New Route	2061	1203	3264	2860	1633	4493
541	Hālawa Heights-Makalapa	New Route	1487	686	2173	2557	1303	3860
542	Aiea Heights-Pearlridge	New Route	696	349	1045	1731	986	2717
543	Kaonohi-Pearlridge	New Route	457	254	711	986	504	1490
544	Kilinoe-Pearlridge	New Route	77	57	134	26	35	61
545	Newtown-Pearlridge	New Route	463	236	699	1161	602	1763
546	Kaahumanu-Pearlridge	New Route	329	180	509	433	259	692
547	Pacific Palisades	New Route	1208	386	1594	2918	1235	4153
548	Pearl City	New Route	1807	602	2409	4016	1479	5495
549	Pearlridge-Salt Lake	New Route	187	111	298	281	467	748
Feeder Service to TheBoat								
F2	Aloha Tower-UH Mānoa	No Change	66	0	66	172	0	172
F3	Aloha Tower-Waikiki	No Change	64	0	64	195	0	195
F41	Kalaeloa-Villages of Kapolei	No Change	69	0	69	217	0	217
F93	Kalaeloa-Waianae Coast	No Change	83	0	83	425	0	425
F411	Kalaeloa-Makakilo	No Change	12	0	12	38	0	38
F415	Kalaeloa-Ocean Pointe	New Route	10	0	10	23	0	23
TheBoat								
F900		No Change	0	0	0	0	0	0
F901		No Change	59	0	59	68	0	68
F910		No Change	54	0	54	610	0	610
Totals			*216,730*	*118,642*	*335,372*	*1,195,969*	*648,775*	*1,844,744*

Table 4-3. Transit Boardings and Passenger-Miles by Route—2030 Project

Route	Description	Change from 2007	Transit Boardings			Passenger Miles		
			Peak	Off-Peak	24-Hour	Peak	Off-Peak	24-Hour
A	CityExpress! Middle Street-UH Mānoa	Reoriented	3208	1280	4488	9875	3592	13467
C	CountryExpress! Mākaha-UH West Oahu	Reoriented; Headway Improved	336	1889	2225	4024	21325	25349
D	CountryExpress! Wahiawa-Pearl Highlands	New Route	1885	697	2582	10286	4351	14637
1L	Limited Stop Hawaii Kai-Downtown	Headway Improved	6039	1798	7837	43962	15506	59468
1	Kaimukī-Kalihi	No Change	7107	6729	13836	18164	17921	36085
2	Waikiki-School-Middle	No Change	14514	6801	21315	31359	17091	48450
3	Kaimukī-Downtown	Restructured	3721	2511	6232	9887	6408	16295
4	Downtown-UH Mānoa-Waikiki	Restructured	4029	2026	6055	9291	4466	13757
5	Ala Moana-Mānoa	Headway Improved	1853	705	2558	3968	1544	5512
6	Pauoa-Woodlawn	Headway Improved	3326	5897	9223	7834	16672	24506
7	Ala Moana-UH Mānoa	New Route	9426	459	9885	17651	535	18186
8	Waikiki-Ala Moana	Headway Improved	17757	11209	28966	43234	27167	70401
9	Pālolo Valley-Ala Moana	Reoriented; Headway Improved	3660	1229	4889	8213	3101	11314
13	Liliha-Downtown	Reoriented; Headway Improved	1954	1083	3037	2766	1672	4438
14	St. Louis-Kāhala- Maunaalani	No Change	1750	951	2701	3739	2148	5887
15	Makiki-Pacific Heights	No Change	260	218	478	328	244	572
17	Nuʻuanu-Ala Moana-Makiki	Restructured	6206	2007	8213	11045	3798	14843
18	University-Ala Moana-Waikiki	Restructured	3252	887	4139	4481	1081	5562
19	Waikiki-Airport-Hickam	Reoriented; Headway Improved	5116	5954	11070	16197	21805	38002
22	Beach Bus	No Change	51	281	332	123	1188	1311
23	Hawaii Kai-Sea Life Park	No Change	2283	2503	4786	16544	17483	34027
31	Salt Lake	Restructured	2218	1526	3744	3379	2212	5591
40/ 40A	Honolulu-Mākaha	Headway Improved	12189	8894	21083	63769	69210	132979
41	Kapolei-Ewa Beach	Restructured	2762	944	3706	6727	2452	9179
42	Ewa Beach	Reoriented; Headway Improved	4608	1659	6267	19179	7978	27157
50	Mililani-Waipahu	New Route	3104	2011	5115	7832	5238	13070
51	Wahiawa-Pearlridge	Reoriented	4318	4431	8749	18977	28280	47257
52	Wahiawa-Circle Isle	No Change	3472	3158	6630	51242	63861	115103
54	Honolulu-Pearlridge	Restructured	1513	868	2381	9800	5730	15530
55	Kaneohe-Circle Isle	Span of Service Increased	3511	2992	6503	46663	40611	87274
56	Honolulu-Kailua-Kaneohe	No Change	4063	1763	5826	31312	13961	45273
57/ 57A	Kailua-Waimanalo-Sea Life Park	No Change	6013	2910	8923	51950	25564	77514
65	Honolulu-Kahaluʻu	No Change	4853	858	5711	39826	7346	47172
70	Lanikai-Maunawili	No Change	779	550	1329	1978	1510	3488
76	Waialua	No Change	123	424	547	182	988	1170
77	Waimanalo-Kaneohe	No Change	174	91	265	472	389	861
80	Hawaii Kai Park & Ride Express	No Change	380	0	380	3268	0	3268
82	Hawaii Kai Park & Ride Express	No Change	93	0	93	1092	0	1092
83/ 83A	Wahiawa-Mililani Express	Reoriented; Headway Improved	6135	0	6135	55027	0	55027
84/ 84A	Mililani Express	Reoriented; Headway Improved	2335	0	2335	13109	0	13109
85/ 85A	Windward Express	No Change	249	0	249	1212	0	1212
86/ 86A	Windward-Pearl Harbor Express	No Change	193	0	193	1435	0	1435
88/ 88A	North Shore-Kahaluʻu Express	No Change	633	0	633	9099	0	9099
89	Waimanalo-Kailua Express	No Change	28	0	28	333	0	333
93	Waianae Coast-UH West Oahu	Reoriented; Headway Improved	5362	0	5362	71222	0	71222
98	Mililani Mauka-Pearl Highlands	Reoriented; Headway Improved	1621	0	1621	9428	0	9428
98A	Kunia Village-Royal Kunia-Waipahu	Reoriented; Headway Improved	474	0	474	1153	0	1153
231	Hawaii Kai-Hahaʻione Valley	No Change	7	10	17	2	3	5
232	Hawaii Kai-Koko Marina	No Change	27	110	137	20	141	161
233	Kāhala Mall-Aina Haina	No Change	331	136	467	443	167	610
234	Waiaiae Nui-Waiʻalae Iki	Headway Improved	31	74	105	33	146	179
301	Kalihi-Aloha Stadium	New Route	1860	669	2529	4067	1493	5560
302	Tripler-Airport	New Route	970	473	1443	2251	1168	3419
303	Kalihi Valley Homes	New Route	812	303	1115	877	327	1204
304	ʻĀlewa Heights	New Route	834	569	1403	1511	983	2494
305	Sand Island-Kalihi Kai	New Route	1518	722	2240	3229	1689	4918
306	Lagoon Drive-Māpunapuna	New Route	283	195	478	198	131	329
311	Moanalua Valley-Salt Lake-Airport	New Route	2673	1216	3889	7296	3654	10950
312	Pearl Harbor	New Route	3066	57	3123	3375	43	3418
313	Hickam Air Force Base	New Route	705	63	768	1758	134	1892
314	Ford Island-Arizona Memorial	New Route	845	531	1376	846	541	1387
401	Waianae Valley	Headway Improved	613	154	767	1230	294	1524
402	Lualualei Homestead	Headway Improved	356	149	505	975	439	1414
403	Nānākuli-Māʻili-Waianae	Headway Improved	558	162	720	1192	355	1547
411	Makakilo Heights-UH West Oahu	Extended; Headway Improved	4770	1901	6671	11704	4960	16664
412	Panana-Kapolei	Delete Route	0	0	0	0	0	0
413	Campbell Industrial Park	Headway & Span Improved	618	470	1088	1473	1042	2515
414	Palahiʻa-Makakilo-Kapolei	No Change	208	77	285	299	158	457
415	Ocean Pointe-Ewa-Waipahu	New Route	2172	825	2997	6079	3114	9193
416	Makaiwa Hills	New Route	5273	2976	8249	16347	10879	27226
418	Kalaeloa	New Route	228	276	504	324	487	811
419	West Kapolei	New Route	2353	739	3092	6903	2322	9225
421	Hoʻopili-UH West Oahu-East Kapolei	New Route	2773	750	3523	5055	1517	6572
422	Hoʻopili-UH West Oahu-East Kapolei	New Route	1001	581	1582	1168	824	1992
432	East-West Waipahu	No Change	240	125	365	243	126	369
433	Waikele/Waipiʻo	Extended; Headway Improved	1250	568	1818	4712	2081	6793
434	Village Park-Royal Kunia	Extended; Headway Improved	2878	1024	3902	6361	2531	8892

Route	Description	Change from 2007	Transit Boardings			Passenger Miles		
			Peak	Off-Peak	24-Hour	Peak	Off-Peak	24-Hour
441	Waiawa	New Route	2676	1122	3798	7047	3287	10334
501	Mililani Mauka-Mililani Transit Center	Headway Improved	353	603	956	733	1402	2135
502	Mililani-Lanikuhana	New Route	74	451	525	81	665	746
503	Mililani-Launani Valley	No Change	86	8	94	121	8	129
504	Mililani South-Mililani Transit Center	Delete Route	0	0	0	0	0	0
511	Wahiawa Heights	New Route	207	268	475	358	440	798
512	Wahiawa-Kilani-Whitmore Village	New Route	182	179	361	474	483	957
513	Wahiawa-Schofield	New Route	1715	1241	2956	2530	1595	4125
541	Hālawa Heights-Makalapa	New Route	2021	876	2897	4554	2064	6618
542	Aiea Heights-Pearlridge	New Route	914	443	1357	2277	1125	3402
543	Kaonohi-Pearlridge	New Route	613	310	923	1291	628	1919
544	Kilinoe-Pearlridge	New Route	307	182	489	151	97	248
545	Newtown-Pearlridge	New Route	567	292	859	1515	765	2280
546	Kaahumanu-Pearlridge	New Route	580	294	874	708	395	1103
547	Pacific Palisades	New Route	1617	660	2277	4524	1971	6495
548	Pearl City	New Route	2525	939	3464	5542	3901	9443
Feeder Service to TheBoat								
F2	Aloha Tower-UH Mānoa	No Change	45	0	45	120	0	120
F3	Aloha Tower-Waikiki	No Change	41	0	41	115	0	115
F41	Kalaeloa-Villages of Kapolei	No Change	130	0	130	325	0	325
F93	Kalaeloa-Waianae Coast	No Change	174	0	174	643	0	643
F411	Kalaeloa-Makakilo	No Change	71	0	71	244	0	244
F415	Kalaeloa-Ocean Pointe	New Route	9	0	9	25	0	25
Fixed Guideway—Airport Alternative								
	Koko Head-Bound	New Route	54973	28179	83152	636401	264098	900499
	Ewa-Bound	New Route	17064	16124	33188	89241	86730	175971
TheBoat								
900		No Change	0	0	0	0	0	0
901		No Change	46	0	46	53	0	53
910		No Change	11	0	11	124	0	124
Totals			*295,190*	*158,269*	*453,459*	*,641,805*	*875,831*	*2,517,636*

Table 4-4. Transit Boardings and Passenger-Miles by Route—2030 Project plus planned extensions

Route	Description	Change from 2007	Transit Boardings			Passenger Miles		
			Peak	Off-Peak	24-Hour	Peak	Off-Peak	24-Hour
C	CountryExpress! Mākaha-UH West Oahu	Reoriented; Headway Improved	433	1750	2183	4641	15982	20623
D	CountryExpress! Wahiawa-Pearl Highlands	New Route	1897	749	2646	10399	4863	15262
1L	Limited Stop Hawaii Kai-Downtown	Headway Improved	5630	1735	7365	27665	7328	34993
1	Kaimukī-Kalihi	No Change	10026	6909	16935	27880	18542	46422
2	Waikiki-School-Middle	No Change	13021	7386	20407	25537	16370	41907
3	Kaimukī-Downtown	Restructured	5496	3094	8590	12680	7639	20319
4	Downtown-UH Mānoa-Waikiki	Restructured	6430	2559	8989	12778	4715	17493
5	Ala Moana-Mānoa	Headway Improved	1451	571	2022	3452	1320	4772
6	Pauoa-Woodlawn	Headway Improved	3722	3469	7191	8652	8625	17277
8	Waikiki-Ala Moana	Headway Improved	5400	4779	10179	10721	9184	19905
9	Pālolo Valley-Ala Moana	Reoriented; Headway Improved	1990	896	2886	4487	2082	6569
13	Liliha-Downtown	Reoriented; Headway Improved	1955	1153	3108	2860	1763	4623
14	St. Louis-Kahala-Maunalani	No Change	1803	1027	2830	3992	2321	6313
15	Makiki-Pacific Heights	No Change	280	540	820	366	715	1081
17	Nuʻuanu-Ala Moana-Makiki	Restructured	6566	2143	8709	11687	4116	15803
18	University-Ala Moana-Waikiki	Restructured	666	732	1398	792	931	1723
19	Waikiki-Airport-Hickam	Reoriented; Headway Improved	6750	6713	13463	16734	21303	38037
22	Beach Bus	No Change	69	546	615	160	2081	2241
23	Hawaii Kai-Sea Life Park	No Change	3663	3443	7106	20537	20539	41076
31	Salt Lake	Restructured	2450	1679	4129	3665	2369	6034
40/40 A	Honolulu-Mākaha	Headway Improved	11546	8650	20196	56166	61313	117479
41	Kapolei-Ewa Beach	Restructured	2767	952	3719	6479	2313	8792
42	Ewa Beach	Reoriented; Headway Improved	4705	1720	6425	19258	8362	27620
50	Mililani-Waipahu	New Route	1833	2066	3899	4478	5369	9847
51	Wahiawa-Pearlridge	Reoriented	4243	4598	8841	18656	30044	48700
52	Wahiawa-Circle Isle	No Change	3519	3141	6660	53916	65457	119373
54	Honolulu-Pearlridge	Restructured	1485	807	2292	9262	5270	14532
55	Kaneohe-Circle Isle	Span of Service Increased	3611	3093	6704	50009	43472	93481
56	Honolulu-Kailua-Kaneohe	No Change	4086	1762	5848	31563	14156	45719
57/57 A	Kailua-Waimanalo-Sea Life Park	No Change	6101	2928	9029	52551	25686	78237
65	Honolulu-Kahaluʻu	No Change	4882	856	5738	40218	7601	47819
70	Lanikai-Maunawili	No Change	757	566	1323	1910	1565	3475
76	Waialua	No Change	133	435	568	215	1011	1226
77	Waimanalo-Kaneohe	No Change	171	97	268	481	382	863
80	Hawaii Kai Park & Ride Express	No Change	462	0	462	3224	0	3224
82	Hawaii Kai Park & Ride Express	No Change	109	0	109	1299	0	1299
83/83 A	Wahiawa-Mililani Express	Reoriented; Headway Improved	6301	0	6301	56778	0	56778
84/84 A	Mililani Express	Reoriented; Headway Improved	2395	0	2395	13468	0	13468
85/85 A	Windward Express	No Change	269	0	269	1356	0	1356
86/86 A	Windward-Pearl Harbor Express	No Change	174	0	174	1312	0	1312
88/88 A	North Shore-Kahaluʻu Express	No Change	673	0	673	9601	0	9601
89	Waimanalo-Kailua Express	No Change	31	0	31	381	0	381
93	Waianae Coast-UH West Oahu	Reoriented; Headway Improved	5139	0	5139	69585	0	69585
98	Mililani Mauka-Pearl Highlands	Reoriented; Headway Improved	1663	0	1663	9669	0	9669
98A	Kunia Village-Royal Kunia-Waipahu	Reoriented; Headway Improved	496	0	496	1207	0	1207
231	Hawaii Kai-Hahaʻione Valley	No Change	7	16	23	2	6	8
232	Hawaii Kai-Koko Marina	No Change	25	109	134	20	178	198
233	Kāhala Mall-Aina Haina	No Change	338	144	482	456	182	638
234	Waiaiae Nui-Waiʻalae Iki	Headway Improved	46	85	131	49	162	211
301	Kalihi-Aloha Stadium	New Route	1879	709	2588	3975	1471	5446
302	Tripler-Airport	New Route	989	505	1494	2265	1233	3498
303	Kalihi Valley Homes	New Route	850	331	1181	914	376	1290
304	ʻĀlewa Heights	New Route	1333	608	1941	2332	1088	3420
305	Sand Island-Kalihi Kai	New Route	1522	696	2218	3282	1741	5023
306	Lagoon Drive-Māpunapuna	New Route	420	291	711	287	185	472
311	Moanalua Valley-Salt Lake-Airport	New Route	2856	1222	4078	7897	3821	11718
312	Pearl Harbor	New Route	3153	50	3203	3469	41	3510
313	Hickam Air Force Base	New Route	712	91	803	1753	152	1905
314	Ford Island-Arizona Memorial	New Route	861	525	1386	860	536	1396
401	Waianae Valley	Headway Improved	613	160	773	1230	306	1536
402	Lualualei Homestead	Headway Improved	368	159	527	1018	472	1490
403	Nanakuli-Maili-Waianae	Headway Improved	1183	184	1367	5985	404	6389
411	Makakilo Heights-UH West Oahu	Extended; Headway Improved	4294	1689	5983	10090	3990	14080
412	Panana-Kapolei	No Change	0	0	0	0	0	0
413	Campbell Industrial Park	Headway & Span Improved	603	277	880	1387	466	1853
414	Palahiʻa-Makakilo-Kapolei	No Change	385	187	572	477	257	734
415	Ocean Pointe-Ewa-Waipahu	New Route	2262	868	3130	5630	2880	8510
416	Makaiwa Hills	New Route	5133	2821	7954	8371	5313	13684
418	Kalaeloa	New Route	220	229	449	248	398	646
419	West Kapolei	New Route	2293	677	2970	4324	1466	5790
421	Hoʻopili-UH West Oahu-East Kapolei	New Route	2547	669	3216	4664	1282	5946
422	Hoʻopili-UH West Oahu-East Kapolei	New Route	667	471	1138	906	701	1607
432	East-West Waipahu	No Change	237	147	384	241	150	391

Route	Description	Change from 2007	Transit Boardings			Passenger Miles		
			Peak	Off-Peak	24-Hour	Peak	Off-Peak	24-Hour
433	Waikele/Waipiʻo	Extended; Headway Improved	3015	612	3627	10702	2316	13018
434	Village Park-Royal Kunia	Extended; Headway Improved	2999	1080	4079	6561	2744	9305
441	Waiawa	New Route	2714	1155	3869	7209	3418	10627
501	Mililani Mauka-Mililani Transit Center	Headway Improved	343	603	946	727	1399	2126
502	Mililani-Lanikuhana	New Route	65	459	524	76	675	751
503	Mililani-Launani Valley	No Change	95	9	104	130	9	139
504	Mililani South-Mililani Transit Center	Headway Improved	0	0	0	0	0	0
511	Wahiawa Heights	New Route	206	279	485	360	458	818
512	Wahiawa-Kilani-Whitmore Village	New Route	195	172	367	512	463	975
513	Wahiawa-Schofield	New Route	1750	1241	2991	2594	1609	4203
541	Hālawa Heights-Makalapa	New Route	1996	913	2909	4537	2137	6674
542	Aiea Heights-Pearlridge	New Route	938	457	1395	2356	1156	3512
543	Kaonohi-Pearlridge	New Route	610	315	925	1296	627	1923
544	Kilinoe-Pearlridge	New Route	324	192	516	157	106	263
545	Newtown-Pearlridge	New Route	578	299	877	1518	778	2296
546	Kaahumanu-Pearlridge	New Route	588	299	887	719	390	1109
547	Pacific Palisades	New Route	1631	664	2295	4579	2008	6587
548	Pearl City	New Route	2561	944	3505	5587	3919	9506
Feeder Service to TheBoat								
F2	Aloha Tower-UH Mānoa	No Change	48	0	48	115	0	115
F3	Aloha Tower-Waikiki	No Change	34	0	34	79	0	79
F41	Kalaeloa-Villages of Kapolei	No Change	157	0	157	358	0	358
F93	Kalaeloa-Waianae Coast	No Change	183	0	183	594	0	594
F411	Kalaeloa-Makakilo	No Change	235	532	767	611	1344	1955
F415	Kalaeloa-Ocean Pointe	New Route	9	0	9	25	0	25
Fixed Guideway—Airport Alternative								
	Koko Head-Bound	New Route	60567	35260	95827	732706	340082	1072788
	Ewa-Bound	New Route	26560	25934	52494	139047	137307	276354
TheBoat								
900		No Change	1	0	1	0	0	0
901		No Change	43	0	43	49	0	49
910		No Change	6	0	6	67	0	67
Totals			*291,496*	*168,883*	*460,379*	*,718,130*	*956,991*	*2,675,121*

Table 4-5. Daily Project Station Volumes by Mode of Arrival and Departure (Production to Attraction Format)

Station	Mode of Arrival						Mode of Departure		
	Walk	Bus	Kiss & Ride	Formal Park & Ride	Informal Park & Ride	Total	Walk	Bus	Total
East Kapolei	699	8116	759	2855	0	12429	379	1731	2110
UH West O‘ahu	929	7891	510	1354	0	10684	1240	543	1783
Ho‘opili	2452	171	462	0	98	3183	401	6	407
West Loch	1055	5873	1006	0	225	8159	1063	1388	2451
Waipahu Transit Center	766	2950	456	0	90	4262	694	1215	1909
Leeward Community College	1928	0	79	0	16	2023	4383	0	4383
Pearl Highlands	2579	9290	1184	6222	0	19275	1150	810	1960
Pearlridge	640	5919	468	0	113	7140	1897	2678	4575
Aloha Stadium (Kamehameha Hwy)	647	1072	218	3223	0	5160	1702	977	2679
Pearl Harbor	1812	1260	261	0	59	3392	5249	2256	7505
Airport	1719	1123	86	0	22	2950	9211	484	9695
Lagoon Drive	714	1991	193	0	47	2945	2058	1105	3163
Middle Street	351	2172	274	0	65	2862	1303	1461	2764
Kalihi	1928	709	397	0	94	3128	4056	66	4122
Kapālama	1059	0	112	0	19	1190	3271	0	3271
Iwilei	719	1604	1030	0	243	3596	1790	1352	3142
Chinatown	1016	0	16	0	0	1032	2071	0	2071
Downtown	2093	4183	21	0	0	6297	12777	2475	15252
Civic Center	1947	0	66	0	1	2014	5853	4	5857
Kaka‘ako	1658	79	36	0	0	1773	4594	271	4865
Ala Moana Center	2278	8292	1772	0	504	12846	8873	23503	32376
Total	*28989*	*62695*	*9406*	*13654*	*1596*	*116340*	*74015*	*42325*	*116340*

Table 4-6. Daily Project Station Volumes by Mode of Arrival and Departure (Origin to Destination Format)

Station	Mode of Arrival						Mode of Departure		
	Walk	Bus	Kiss & Ride	Formal Park & Ride	Informal Park & Ride	Total	Walk	Bus	Total
East Kapolei	422	5041	380	1428	0	7270	1247	6023	7270
UH West O‘ahu	550	4752	255	677	0	6234	4201	2033	6234
Ho‘opili	1387	128	231	0	49	1795	1765	30	1795
West Loch	673	4017	503	0	113	5305	2254	3051	5305
Waipahu Transit Center	552	2260	228	0	45	3086	1092	1994	3086
Leeward Community College	2853	303	40	0	8	3203	3203	0	3203
Pearl Highlands	1498	5417	592	3111	0	10618	6189	4429	10618
Pearlridge	491	5076	234	0	57	5858	2437	3420	5858
Aloha Stadium (Kamehameha Hwy)	791	1408	109	1612	0	3920	1979	1940	3920
Pearl Harbor	2754	2535	131	0	30	5449	3838	1610	5449
Airport	3363	2906	43	0	11	6323	6011	312	6323
Lagoon Drive	702	2232	97	0	24	3054	2029	1025	3054
Middle Street	324	2320	137	0	33	2813	1355	1458	2813
Kalihi	2175	1204	199	0	47	3625	3567	58	3625
Kapālama	1834	332	56	0	10	2231	2231	0	2231
Iwilei	725	2008	515	0	122	3369	1892	1477	3369
Chinatown	1245	299	8	0	0	1552	1552	0	1552
Downtown	2831	7933	11	0	0	10775	9013	1762	10775
Civic Center	3019	883	33	0	1	3936	3933	2	3936
Kaka‘ako	2651	650	18	0	0	3319	3133	186	3319
Ala Moana Center	3683	17790	886	0	252	22611	6275	16336	22611
Total	*34520*	*69492*	*4703*	*6827*	*798*	*116340*	*69196*	*47144*	*116340*

Table 4-7. Daily Project plus planned extensions Station Volumes by Mode of Arrival and Departure (Production to Attraction Format)

Station	Mode of Arrival						Mode of Departure		
	Walk	Bus	Kiss & Ride	Formal Park & Ride	Informal Park & Ride	Total	Walk	Bus	Total
West Kapolei	633	6093	339	613	0	7678	1110	1006	2117
Kapolei Transit Center	248	1479	206	0	50	1984	519	1517	2036
Kalaeloa	1093	0	82	0	18	1193	1029	0	1029
Fort Barrette Road	217	0	44	0	10	271	262	0	262
Kapolei Parkway	311	1343	569	2995	0	5218	434	303	736
East Kapolei	881	2274	112	0	23	3290	447	202	648
UH West Oʻahu	1097	7067	291	1675	0	10131	1512	289	1801
Hoʻopili	2697	177	454	0	89	3417	506	12	518
West Loch	1217	5537	1054	0	233	8041	1107	1264	2371
Waipahu Transit Center	805	3308	471	0	91	4674	709	1269	1978
Leeward Community College	1980	0	80	0	15	2074	4496	0	4496
Pearl Highlands	2755	9732	1194	6448	0	20129	1230	870	2101
Pearlridge	662	6314	475	0	116	7566	2080	2741	4821
Aloha Stadium (Kamehameha Highway)	681	1105	222	3291	0	5299	2146	1004	3150
Pearl Harbor Naval Base	1853	1306	267	0	57	3484	5649	2328	7978
Honolulu International Airport	1498	1246	92	0	22	2858	8418	555	8973
Lagoon Drive	1014	2093	198	0	48	3354	3421	1382	4802
Middle Street	379	2380	286	0	68	3113	1429	1717	3146
Kalihi	2142	836	305	0	69	3351	4615	332	4946
Kapālama	1288	0	194	0	39	1521	4274	0	4274
Iwilei	1350	1160	731	0	185	3426	2329	1192	3521
Chinatown	1101	0	27	0	0	1128	3632	0	3632
Downtown	2463	5307	19	0	0	7789	15054	2977	18031
Civic Center	2390	0	58	0	1	2449	6954	0	6954
Kakaʻako	2040	84	553	0	146	2823	5374	238	5612
Ala Moana Center	2409	1511	567	0	167	4654	11644	1483	13128
McCully	713	513	222	0	56	1505	415	157	573
Date Street	1312	261	265	0	73	1911	787	1227	2014
Mōʻiliʻili	659	2100	1380	0	359	4497	596	2554	3150
UH Mānoa	2580	43	234	0	58	2915	11368	268	11636
Convention Center	3415	132	11	0	4	3562	3281	806	4087
Kālaimoku Street	2753	2959	119	0	20	5851	6595	1419	8014
Liliuokalani Avenue	3882	2864	334	0	86	7166	4973	814	5786
Total	*50516*	*69225*	*11453*	*15022*	*2105*	*148321*	*118395*	*29926*	*148321*

Table 4-8. Daily Project plus planned extensions Station Volumes by Mode of Arrival and Departure (Origin to Destination Format)

Station	Mode of Arrival						Mode of Departure		
	Walk	Bus	Kiss & Ride	Formal Park & Ride	Informal Park & Ride	Total	Walk	Bus	Total
West Kapolei	402	4019	169	307	0	4897	2577	2321	4897
Kapolei Transit Center	229	1652	103	0	25	2010	519	1491	2010
Kalaeloa	976	85	41	0	9	1111	1111	0	1111
Fort Barrette Road	218	22	22	0	5	267	267	0	267
Kapolei Parkway	215	980	284	1498	0	2977	1437	1540	2977
East Kapolei	520	1382	56	0	12	1969	1369	600	1969
UH West Oʻahu	659	4324	146	837	0	5966	4875	1090	5966
Hoʻopili	1551	145	227	0	44	1967	1925	42	1967
West Loch	777	3786	527	0	116	5206	2350	2856	5206
Waipahu Transit Center	571	2474	235	0	45	3326	1159	2167	3326
Leeward Community College	2932	306	40	0	8	3285	3285	0	3285
Pearl Highlands	1601	5693	597	3224	0	11115	6201	4914	11115
Pearlridge	510	5389	237	0	58	6194	2671	3523	6194
Aloha Stadium (Kamehameha Highway)	902	1566	111	1646	0	4225	2367	1858	4225
Pearl Harbor Naval Base	2891	2678	134	0	29	5731	4087	1644	5731
Honolulu International Airport	2896	2963	46	0	11	5915	5557	358	5915
Lagoon Drive	1139	2816	99	0	24	4078	2908	1170	4078
Middle Street	361	2592	143	0	34	3130	1438	1692	3130
Kalihi	2545	1417	152	0	34	4149	3863	285	4149
Kapālama	2400	381	97	0	20	2897	2897	0	2897
Iwilei	1400	1615	366	0	92	3474	2274	1199	3474
Chinatown	2069	298	14	0	0	2380	2380	0	2380
Downtown	3372	9529	10	0	0	12910	10759	2151	12910
Civic Center	3769	903	29	0	1	4702	4702	0	4702
Kakaʻako	3257	611	276	0	73	4217	4041	177	4217
Ala Moana Center	4516	4007	283	0	84	8891	7903	988	8891
McCully	473	427	111	0	28	1039	745	294	1039
Date Street	1308	485	133	0	36	1962	771	1191	1962
Mōʻiliʻili	634	2320	690	0	179	3823	742	3082	3823
UH Mānoa	5734	1395	117	0	29	7276	7106	169	7276
Convention Center	3140	677	6	0	2	3824	3094	730	3824
Kālaimoku Street	2691	4172	59	0	10	6932	5736	1197	6932
Liliuokalani Avenue	3158	3109	167	0	43	6476	5538	938	6476
Total	*59814*	*74217*	*5726*	*7511*	*1052*	*148321*	*108653*	*39668*	*148321*

Table 4-9. Project Link Volumes

A Station	B Station	Am Peak Hour			Daily		
		Volume A to B (eastbound)	Volume B to A (westbound)	Two-way Volume	Volume A to B (eastbound)	Volume B to A (westbound)	Two-way Volume
East Kapolei	UH West Oʻahu	1,546	321	1,867	12,429	2,110	14,539
UH West Oʻahu	Hoʻopili	3,131	545	3,675	22,973	3,753	26,726
Hoʻopili	West Loch	3,550	518	4,068	25,465	3,469	28,934
West Loch	Waipahu Transit Center	4,450	769	5,218	32,497	4,793	37,290
Waipahu Transit Center	Leeward Community College	4,856	793	5,649	35,556	5,499	41,055
Leeward Community College	Pearl Highlands	4,784	1,002	5,786	35,379	7,682	43,061
Pearl Highlands	Pearlridge	7,346	678	8,024	50,497	5,485	55,982
Pearlridge	Aloha Stadium (Kamehameha Hwy)	7,608	813	8,421	54,082	6,505	60,587
Aloha Stadium (Kamehameha Hwy)	Pearl Harbor	8,083	768	8,852	57,425	7,367	64,792
Pearl Harbor	Airport	7,836	990	8,826	56,148	10,203	66,351
Airport	Lagoon Drive	7,443	1,121	8,564	52,967	13,767	66,734
Lagoon Drive	Middle Street	7,497	1,250	8,746	54,098	15,116	69,214
Middle Street	Kalihi	7,418	1,153	8,572	53,631	14,551	68,182
Kalihi	Kapālama	7,280	1,208	8,488	53,230	15,144	68,374
Kapālama	Iwilei	7,047	1,256	8,303	51,648	15,643	67,291
Iwilei	Chinatown	6,877	1,082	7,959	50,810	14,351	65,161
Chinatown	Downtown	6,719	1,074	7,793	49,812	14,392	64,204
Downtown	Civic Center	5,212	1,049	6,261	40,375	13,910	54,285
Civic Center	Kakaʻako	4,627	1,046	5,673	36,234	13,612	49,846
Kakaʻako	Ala Moana Center	4,237	1,004	5,241	32,376	12,846	45,222

Table 4-10. Project plus planned extensions Link Volumes

A Station	B Station	Am Peak Hour			Daily		
		Volume A to B (eastbound)	Volume B to A (westbound)	Two-way Volume	Volume A to B (eastbound)	Volume B to A (westbound)	Two-way Volume
West Kapolei	Kapolei Transit Center	564	276	840	7,614	2,099	9,713
Kapolei Transit Center	Kalaeloa	865	547	1,412	9,490	4,027	13,517
Kalaeloa	Fort Barrette Road	923	597	1,520	10,042	4,416	14,458
Fort Barrette Road	Kapolei Parkway	934	608	1,542	10,121	4,486	14,607
Kapolei Parkway	East Kapolei	1,697	575	2,272	14,535	4,456	18,991
East Kapolei	UH West Oʻahu	2,100	617	2,717	17,387	4,688	22,075
UH West Oʻahu	Hoʻopili	3,439	748	4,187	26,550	5,591	32,141
Hoʻopili	West Loch	3,815	692	4,507	28,868	5,035	33,903
West Loch	Waipahu Transit Center	4,730	878	5,608	35,286	5,830	41,116
Waipahu Transit Center	Leeward Comm College	5,155	871	6,026	38,459	6,329	44,788
Leeward Comm College	Pearl Highlands	5,074	1,073	6,146	38,107	8,378	46,485
Pearl Highlands	Pearlridge	7,704	722	8,427	53,451	5,844	59,295
Pearlridge	Aloha Stadium (Kamehameha Highway)	7,980	861	8,841	57,241	6,912	64,153
Aloha Stadium (Kamehameha Highway)	Pearl Harbor Naval Base	8,454	825	9,279	60,546	8,086	68,632
Pearl Harbor Naval Base	Honolulu Intl Airport	8,198	1,059	9,258	59,267	11,263	70,530
Honolulu Intl Airport	Lagoon Drive	7,955	1,201	9,156	57,298	15,358	72,656
Lagoon Drive	Middle Street	7,863	1,346	9,209	57,475	16,971	74,446
Middle Street	Kalihi	7,789	1,274	9,063	57,113	16,642	73,755
Kalihi	Kapālama	7,637	1,379	9,016	56,905	18,016	74,921
Kapālama	Iwilei	7,429	1,487	8,917	55,592	19,433	75,025
Iwilei	Chinatown	7,325	1,445	8,770	55,427	19,363	74,790
Chinatown	Downtown	7,170	1,521	8,691	54,462	20,881	75,343
Downtown	Civic Center	5,732	1,734	7,465	46,547	23,122	69,669
Civic Center	Kakaʻako	5,157	1,801	6,958	42,847	23,889	66,736
Kakaʻako	Ala Moana Center	4,842	1,768	6,609	39,849	23,657	63,506
Ala Moana Center	Convention Center	4,034	1,711	5,745	31,671	23,882	55,553
Branch to UH Mānoa							
Convention Center	McCully	1,928	958	2,885	16,694	10,203	26,897
McCully	Date Street	1,876	821	2,697	16,375	8,960	25,335
Date Street	Mōʻiliʻili	1,599	628	2,227	14,623	7,310	21,933
Mōʻiliʻili	UH Mānoa	1,202	107	1,310	11,539	2,891	14,430
Branch to Waikiki							
Convention Center	Kālaimoku Street	1,820	631	2,451	13,339	12,562	25,901
Kālaimoku Street	Liliuokalani Avenue	713	375	1,088	5,738	7,106	12,844

Table 4-11. Project Daily Station-to-Station Volumes

Origin	Destination																					
	East Kapolei	UH West O'ahu	Ho'opili	West Loch	Waipahu Transit Center	Leeward Community College	Pearl Highlands	Pearlridge	Aloha Stadium (Kamehameha Hwy)	Pearl Harbor	Airport	Lagoon Drive	Middle Street	Kalihi	Kapālama	Iwilei	Chinatown	Downtown	Civic Center	Kaka'ako	Ala Moana Center	*Total*
East Kapolei	0	88	52	273	146	359	277	442	260	548	700	129	244	288	300	349	322	1573	585	379	5115	*12429*
UH West O'ahu	52	0	92	334	132	403	274	433	140	567	583	163	248	283	278	337	181	1498	602	398	3686	*10684*
Ho'opili	308	239	0	174	58	161	96	155	39	115	136	33	51	72	58	73	33	337	115	74	856	*3183*
West Loch	129	166	51	0	180	442	251	339	110	312	422	106	179	175	183	231	100	1058	318	226	3181	*8159*
Waipahu Transit Center	253	206	39	189	0	374	102	193	68	186	242	47	68	74	89	75	42	432	134	75	1374	*4262*
Leeward Community College	56	133	48	143	81	0	218	160	51	268	181	46	31	63	53	28	17	156	56	37	197	*2023*
Pearl Highlands	703	461	48	578	272	877	0	840	239	897	987	257	359	437	412	530	302	2656	905	516	6999	*19275*
Pearlridge	146	133	25	146	60	374	109	0	125	694	755	202	227	256	205	194	97	887	304	197	2004	*7140*
Aloha Stadium (Kamehameha Hwy)	42	39	9	80	50	120	85	360	0	347	621	174	214	287	195	185	92	849	250	165	996	*5160*
Pearl Harbor	22	30	10	53	31	293	78	163	55	0	548	89	94	155	113	94	55	405	120	263	721	*3392*
Airport	24	26	5	38	26	175	44	148	99	371	0	71	79	169	140	93	81	438	125	110	688	*2950*
Lagoon Drive	15	15	1	17	11	63	24	91	27	115	118	0	54	117	106	87	64	432	136	864	588	*2945*
Middle Street	47	36	2	44	20	75	67	195	74	364	277	280	0	119	81	53	38	344	151	103	492	*2862*
Kalihi	18	14	1	19	7	67	20	77	70	243	247	190	61	0	79	127	72	588	235	168	825	*3128*
Kapālama	4	8	1	12	4	42	15	26	15	90	109	72	22	60	0	30	19	214	95	82	270	*1190*
Iwilei	58	36	4	44	25	60	62	133	52	332	433	299	96	264	50	0	54	503	194	170	727	*3596*
Chinatown	9	7	0	9	6	13	6	34	17	84	89	68	39	61	19	0	0	65	44	54	408	*1032*
Downtown	113	75	8	94	49	223	85	225	117	523	605	314	124	346	232	108	58	0	443	363	2192	*6297*
Civic Center	7	8	1	12	4	44	13	42	17	101	160	98	57	141	158	139	41	300	0	89	582	*2014*
Kaka'ako	10	9	3	11	26	39	12	35	18	87	178	76	52	122	109	119	43	266	83	0	475	*1773*
Ala Moana Center	94	54	7	181	721	179	122	484	1086	1261	2304	449	465	633	411	290	360	2251	962	532	0	*12846*
Total	*2110*	*1783*	*407*	*2451*	*1909*	*4383*	*1960*	*4575*	*2679*	*7505*	*9695*	*3163*	*2764*	*4122*	*3271*	*3142*	*2071*	*15252*	*5857*	*4865*	*32376*	*116340*

Table 4-12. Project plus planned extensions Daily Station-to-Station Volumes

	West Kapolei	Kapolei Transit Center	Kalaeloa	Fort Barrette Road	Kapolei Pkwy	East Kapolei	UH West O'ahu	Ho'opili	West Loch	Waipahu Transit Center	Leeward Community College	Pearl Highlands	Pearlridge	Aloha Stadium (Kamehameha Hwy)	Pearl Harbor Naval Base	Honolulu International Airport	Lagoon Drive	Middle Street	Kalihi	Kapālama	Iwilei	Chinatown	Downtown	Civic Center	Kaka'ako	Ala Moana Center	McCully	Date St	Mō'ili'ili	UH Mānoa	Convention Center	Kālaimoku St	Liliuokalani Avenue	*Total*
West Kapolei	0	66	211	50	52	23	101	38	150	81	170	158	227	219	367	401	147	134	143	151	136	292	637	267	178	1287	27	98	201	436	206	421	539	*7614*
Kapolei Transit Center	25	0	131	24	30	20	12	21	64	29	91	57	80	26	66	67	40	40	40	42	41	28	213	75	64	109	7	32	54	168	50	129	92	*1967*
Kalaeloa	134	155	0	39	37	47	95	24	43	13	79	22	26	12	31	29	13	10	16	17	14	4	70	28	18	36	2	12	20	48	21	41	27	*1183*
Fort Barrette Road	18	25	34	0	1	6	18	2	8	2	14	6	8	5	7	12	3	3	2	6	4	3	19	5	4	11	0	2	5	13	7	10	6	*269*
Kapolei Pkwy	241	292	97	10	0	40	67	43	94	54	124	87	143	50	173	158	94	83	106	111	111	69	660	262	146	290	21	77	149	386	143	486	307	*5174*
East Kapolei	96	71	70	15	23	0	71	23	76	36	147	88	139	37	113	131	65	61	83	71	79	41	396	141	86	193	21	61	74	262	86	242	165	*3263*
UH West O'ahu	125	95	123	24	110	42	0	104	266	139	335	250	368	130	496	419	270	214	248	227	253	144	1320	546	321	639	56	162	303	874	280	692	471	*10046*
Ho'opili	173	194	58	15	85	89	201	0	170	53	150	99	142	44	116	110	58	56	65	62	60	26	316	110	78	137	16	40	73	195	78	192	127	*3388*
West Loch	162	140	49	14	58	65	148	49	0	168	384	235	344	99	280	279	145	167	145	165	172	82	976	284	223	526	41	123	226	749	275	738	463	*7974*
Waipahu Transit Center	160	161	34	16	50	68	191	39	168	0	395	105	179	75	178	175	109	82	62	86	63	58	433	134	83	274	24	59	77	370	123	372	232	*4635*
Leeward Community College	44	27	47	8	25	29	103	46	118	73	0	215	154	51	242	113	69	28	58	50	23	21	131	47	33	72	1	11	10	87	27	59	35	*2057*
Pearl Highlands	460	464	82	20	133	103	341	48	530	266	848	0	821	236	914	724	501	380	453	424	397	302	2662	880	484	1347	94	315	487	1928	598	1676	1043	*19961*
Pearlridge	105	93	20	6	33	28	108	24	140	58	361	106	0	148	679	601	367	256	252	211	133	102	913	319	188	419	19	92	157	993	208	202	162	*7503*
Aloha Stadium (Kamehameha Hwy)	27	33	6	3	12	3	38	6	71	50	116	94	359	0	344	418	374	214	280	189	171	101	833	258	159	295	16	39	78	396	106	96	70	*5255*
Pearl Harbor Naval Base	15	10	12	3	8	7	30	10	52	34	258	76	157	56	0	429	170	92	158	116	87	39	395	116	257	146	7	30	267	251	51	67	49	*3455*
Honolulu International Airport	12	15	5	1	5	6	17	4	23	15	114	37	129	74	280	0	83	78	154	126	89	82	425	142	85	268	7	35	35	221	76	97	94	*2834*
Lagoon Drive	12	7	3	1	5	4	16	2	19	22	78	31	107	41	162	131	0	57	133	119	95	69	452	140	867	221	6	35	43	236	59	84	69	*3326*
Middle Street	29	24	5	0	8	9	34	4	35	23	67	56	208	91	344	267	288	0	124	91	54	41	353	156	100	210	11	38	58	187	58	65	47	*3085*
Kalihi	16	9	4	0	3	2	11	2	13	6	67	24	78	59	237	221	200	57	0	80	120	60	515	225	168	347	8	44	84	313	119	122	109	*3323*
Kapālama	4	2	2	1	1	1	5	1	7	3	39	13	28	17	88	92	82	27	64	0	34	24	265	103	82	177	5	18	31	126	48	71	47	*1508*
Iwilei	21	13	4	1	5	2	14	0	28	11	37	36	72	32	234	265	252	101	238	60	0	43	353	195	146	483	16	81	82	214	102	152	104	*3397*
Chinatown	2	4	0	0	2	1	4	0	10	2	14	7	23	17	77	79	85	32	65	19	10	0	52	37	41	197	6	33	29	99	49	71	52	*1119*
Downtown	83	45	7	5	18	20	67	8	62	56	181	89	197	116	472	544	394	147	352	236	104	47	0	383	305	1124	33	196	136	1088	308	503	398	*7724*
Civic Center	8	3	2	1	1	1	8	1	9	4	39	10	39	17	101	132	99	66	145	154	134	30	272	0	75	337	12	53	79	228	106	147	116	*2429*
Kaka'ako	11	4	1	0	0	4	8	2	7	28	36	17	44	17	102	183	93	63	144	129	128	53	416	116	0	324	9	57	103	243	119	197	141	*2799*
Ala Moana Center	13	11	3	1	3	8	15	2	87	14	80	34	95	61	214	320	202	99	298	195	168	109	768	351	173	0	11	63	96	417	140	326	238	*4615*
McCully	5	4	1	0	3	1	4	2	17	1	14	13	23	21	63	64	42	28	69	62	92	55	336	139	82	163	0	11	35	112	30	0	0	*1492*
Date St	7	8	0	1	1	2	3	0	7	3	18	9	31	14	56	63	51	51	83	91	107	55	469	148	99	264	8	0	30	107	109	0	0	*1895*
Mō'ili'ili	36	13	2	1	6	7	26	4	19	15	51	40	94	34	175	197	170	77	186	140	171	108	850	370	312	861	57	56	0	36	345	0	0	*4459*
UH Mānoa	4	3	3	0	2	1	5	2	31	25	71	10	27	16	97	98	80	38	146	108	86	53	484	199	170	447	26	52	4	0	603	0	0	*2891*
Convention Center	11	5	2	0	1	1	6	1	10	44	27	11	71	187	216	365	78	59	162	171	112	249	553	237	176	213	1	72	98	756	0	477	401	*4773*
Kālaimoku St	25	4	1	0	4	1	4	1	5	164	28	12	160	639	542	1044	62	133	212	259	130	545	571	199	159	359	0	0	0	0	405	0	134	*5802*
Liliuokalani Avenue	15	19	1	0	5	2	15	1	12	469	25	36	208	483	445	767	76	185	219	270	114	667	772	284	203	1242	0	0	0	0	359	212	0	*7106*
Total	*2099*	*2019*	*1020*	*260*	*730*	*643*	*1786*	*514*	*2351*	*1961*	*4458*	*2083*	*4781*	*3124*	*7911*	*8898*	*4762*	*3118*	*4905*	*4238*	*3492*	*3602*	*17880*	*6896*	*5565*	*13018*	*568*	*1997*	*3124*	*11539*	*5294*	*7947*	*5738*	*148321*

Chapter 5 Preliminary Assessment of Transit User Benefits Results

Transit user benefits are the incremental cost per hour for a user. User benefits maps are used to show which areas will gain or lose utility from a project. Transit-user benefits generally represent the amount of travel-time savings a transit user will experience with a given transit alternative in comparison to a baseline alternative. Positive user benefits result from improved convenience, speed, comfort, or financial savings to travelers who will use a transit system with those improvements. For example, if transit priority measures increase transit speeds, transit users benefit from travel time savings. Similarly, bus shelters, improved security at transit stations, and other types of service improvements provide positive benefits to transit users.

This chapter assesses the transit user benefits results for each alternative compared to two baseline alternatives—the No Build Alternative and the TSM Alternative. It describes the analysis distinctions, the system, and district level summaries of user benefits.

5.1 Analysis Distinctions

There are two highlights of the analysis that are described here. The first is the reason for the two baselines in the user benefits analysis examined here—the No Build Alternative and theTSM Alternative—and the second is a discussion about fixed guideway non-included attributes.

5.1.1 No Build and TSM as Baselines

For the transit user benefits analysis examined here, the Project and the Project plus planned extensions were compared against two baselines—the TSM Alternative and the No Build Alternative. The TSM Alternative used in this project is the FTA official Baseline Alternative. For the New Starts program, FTA requires that the user benefits be based on comparing the build alternative to the baseline alternative that represents the best that can be done to transit service in the study corridor without building a fixed guideway transit facility. In this analysis, the TSM Alternative is used as the New Starts Baseline Alternative. The user benefit analysis also compared the Project with the No Build Alternative since the Final EIS is based on this comparison.

5.1.2 Representation of Fixed Guideway Non-included Attributes

Through research and industry applications, it has been identified that there are additional benefits of a fixed guideway system that are not evidenced in other transit modes. Research has indicated that there are positive attributes, both perceived and real, that are associated with use of a fixed guideway system and make the system relatively more attractive than general bus transit. These benefits include such things as improved safety, security, visibility, hours of operation, comfort, and reliability and are not captured by the standard travel demand forecasting process; hence they have been termed “non-included” attributes. To account for these attributes in this analysis, FTA has approved an additional factor equivalent to a 14.5-minute savings of in-vehicle time. The factor was only incorporated for riders taking the fixed guideway based on the experience in several regions where existing rail transit service is part of the transit system and where these systems have been recently surveyed. A 5.5-minute savings of in-vehicle time was incorporated for riders using feeder buses to the fixed guideway.

5.2 System Level Summary of Transit User Benefits

The system level summary of user benefits is captured in three ways. First, calculations are applied to quantify the user benefits for the Project and Project plus planned extensions compared to both the No Build Alternative and the TSM Alternative. Second, thematic maps are used to graphically illustrate the user benefits or disbenefits of each alternative for every Transportation Analysis Zone (TAZ) islandwide. Finally, a district-to-district summary is presented to show the user benefits or disbenefits for the 26 transportation districts islandwide.

Tables 5-1 and 5-3 present the quantitative summary features of each of the alternatives. Table 5-1 provides data comparing the Project and Project plus planned extensions to the No Build Alternative, and Table 5-2 provides data comparing the Project and Project plus planned extensions to the TSM Alternative. Table 5-3 presents the transit user benefits by trip purpose. The “to and from work” purpose comprises over 50 percent of the total daily user benefits for both build alternatives compared to No Build and TSM. The user benefits of the Project and Project plus planned extensions compared to the No Build Alternative are higher than the user benefits of the Project and Project plus planned extensions compared to the TSM Alternative. This is because the TSM Alternative was developed to replicate the amount of bus service a fixed guideway system would provide in the fixed guideway corridor.

Table 5-1. Summary of Transit User Benefits by Alternative Compared to the No Build Alternative

Alternative	User Benefits Per Existing Rider	User Benefits Per New Rider	Annual Hours of Capped Benefits
Project	13.0	20.5	22,617,262
Project plus planned extensions	15.2	19.8	27,801,950

Table 5-2. Summary of Transit User Benefits by Alternative Compared to the TSM Alternative

Alternative	User Benefits Per Existing Rider	User Benefits Per New Rider	Annual Hours of Capped Benefits
Project	11.5	18.3	20,773,434
Project plus planned extensions	13.6	17.8	26,133,479

Table 5-3. Summary of Daily Transit User Benefits (in minutes) by Trip Purpose

Trip Purpose	Project		Project plus planned extensions	
	vs. No Build	vs. TSM	vs. No Build	vs. TSM
To and from work	2,257,634	2,172,871	2,609,155	2,541,573
Non-home based direct demand	197,982	197,982	256,530	256,530
To and from school/college	693,473	626,903	757,963	695,871
To and from shopping/other	654,958	498,732	855,310	705,479
Do not originate/end at work/home	53,955	41,459	70,680	58,681
Ground access air passenger	91,577	89,852	112,265	110,871
Visitor	215,011	197,278	457,368	443,046
Total	*4,164,589*	*3,825,077*	*5,119,271*	*4,812,051*

5.2.1 Transit User Benefits Thematic Maps

Figures 5-1 through 5-68 present the transit-user benefits by purpose and total for the Project and Project plus planned extensions compared to both the No Build Alternative and the TSM Alternative. The maps show the island broken into 764 TAZs, which were evaluated for the benefits that were assessed for each TAZ as a production and attraction. Two separate maps are generated for each alternative pair comparison—one map with the user benefits for TAZs as productions (from) and one map with the user benefits for TAZs as attractions (to). A total user benefits map adding the production and attraction benefits is also shown for each alternative pair comparison.

The user benefits measure is presented in minutes on these maps. Areas that will experience positive user benefits as a result of the alternative considered are shown in shades of green. Three shades of green are presented to illustrate significant benefits which are the top 40 percent of all zones with positive benefits (in dark green), medium benefits representing the next 30 percent of zones with positive benefits (in medium green), and small but non-trivial benefits representing the next 10 percent of zones with positive benefits (in light green). All remaining zones with positive benefits are shown in white. These are considered marginal or negligible benefits. Likewise, zones that will experience negative user benefits are shown with three shades of red. The three shades of red illustrate significant negative benefits in dark red, medium negative benefits in medium red, and small but non-trivial benefits in light red. Zones that will have negligible or trivial disbenefits are shown in white. The breakpoints for the negative user benefits are established by using the corresponding breakpoints for the positive benefits.

When considering the maps, it is important to recognize the variance in range for the most positive benefits. The major benefits have differing minimum and maximum outside values. The range of values for green, white, and red vary slightly between each alternative vs. the No Build and the TSM depending on the benefit changes. This provides additional insight while interpreting the maps and can illustrate a higher degree of major benefit or disbenefit depending on the range. For example, the range of dark green for Figure 5-1 (Project vs. No Build) is from 24,157 to 213,964 minutes, whereas the range of dark green for Figure 5-35 (Project plus planned extensions vs. No Build) is from 27,911 to 227,591 minutes. Based simply on the maximum positive benefit, the Project plus planned extensions would have a 6-percent higher maximum compared to the Project. The positive benefit seen in Figure 5-35 is greater than that seen in Figure 5-1.

Also, Figures 5-35 and 5-52, the Project plus planned extensions total benefits vs. No Build and TSM, reveal very little difference in the range of values of benefits. This shows that the Project plus planned extensions would provide significant benefit to the entire transit corridor regardless of what baseline alternative is used for comparison.

Figures 5-2, 5-19, 5-36, and 5-53 show the total user benefits from each of the areas (i.e., benefits from origins). Substantial (dark green) positive benefits will come from the Leeward and Central areas of the island, where significant numbers of people commute.

Also of note is the consistent positive user benefit to access major employment centers within the corridor (Figures 5-3, 5-20, 5-37, and 5-54). The maps that show “to” TAZs illustrate a positive benefit of varying degrees for areas in Downtown, Waikīkī, Ala Moana, Honolulu International Airport, and Pearl Harbor. This is an indication that both the Project and Project plus planned extensions will improve access to places people want to go.

When comparing the Project and the Project plus planned extensions, the benefits and disbenefits are relatively consistent, and the Project will provide very substantial benefits, despite being 8 miles shorter than the Project plus planned extensions.

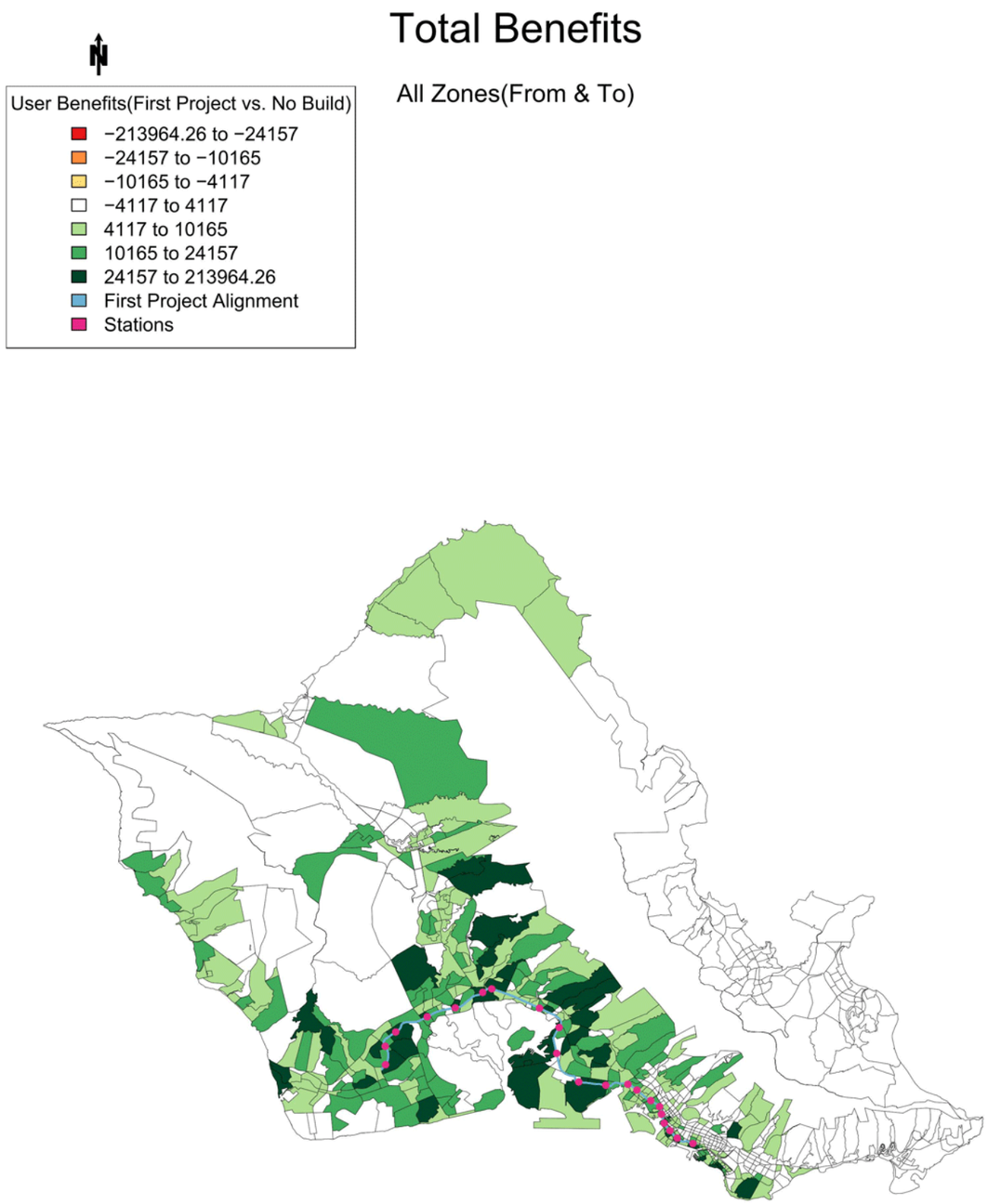

Figure 5-1. Total User Benefits (Froms + Tos)—Project vs. No Build

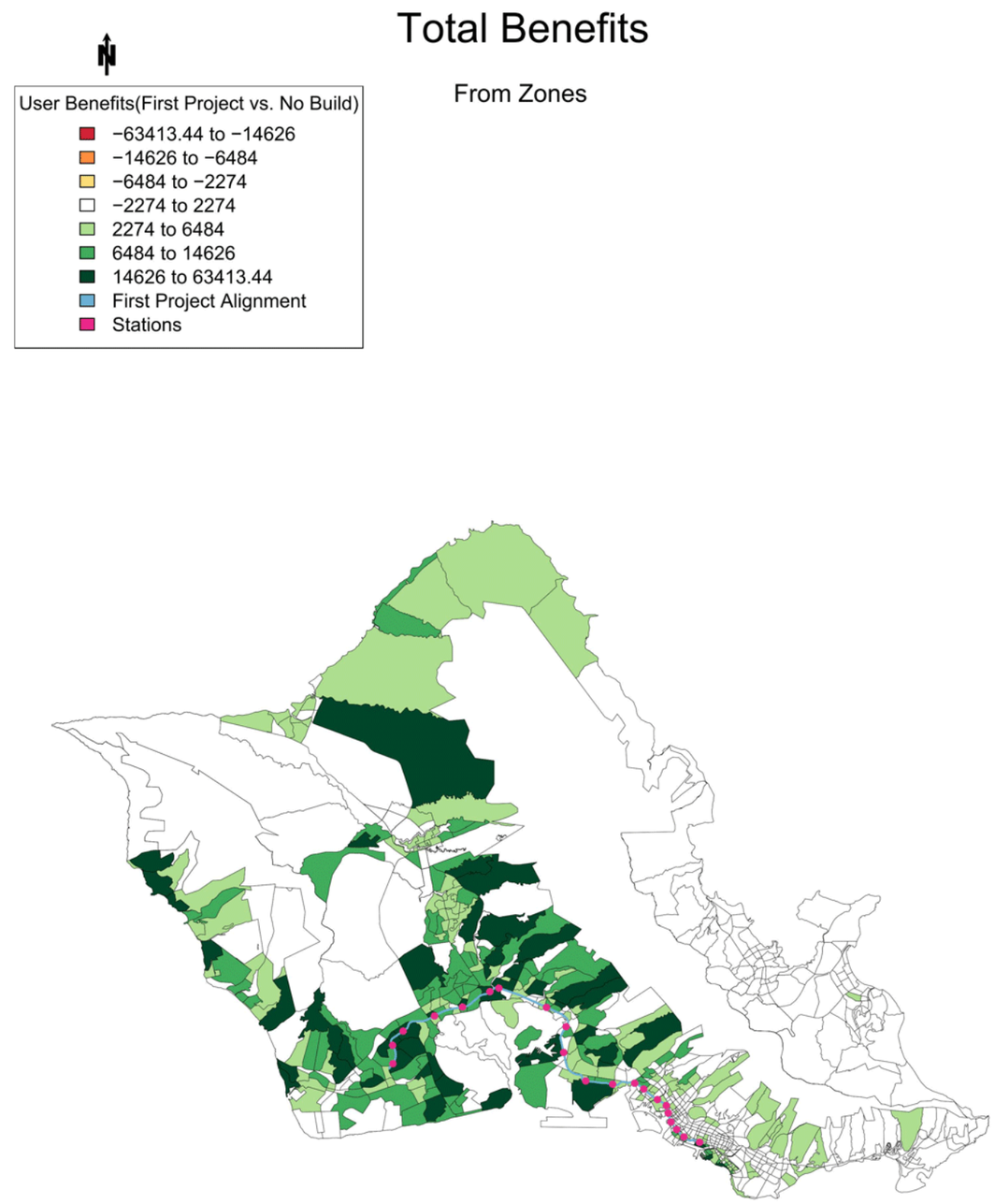

Figure 5-2. Total User Benefits (From Zones)—Project vs. No Build

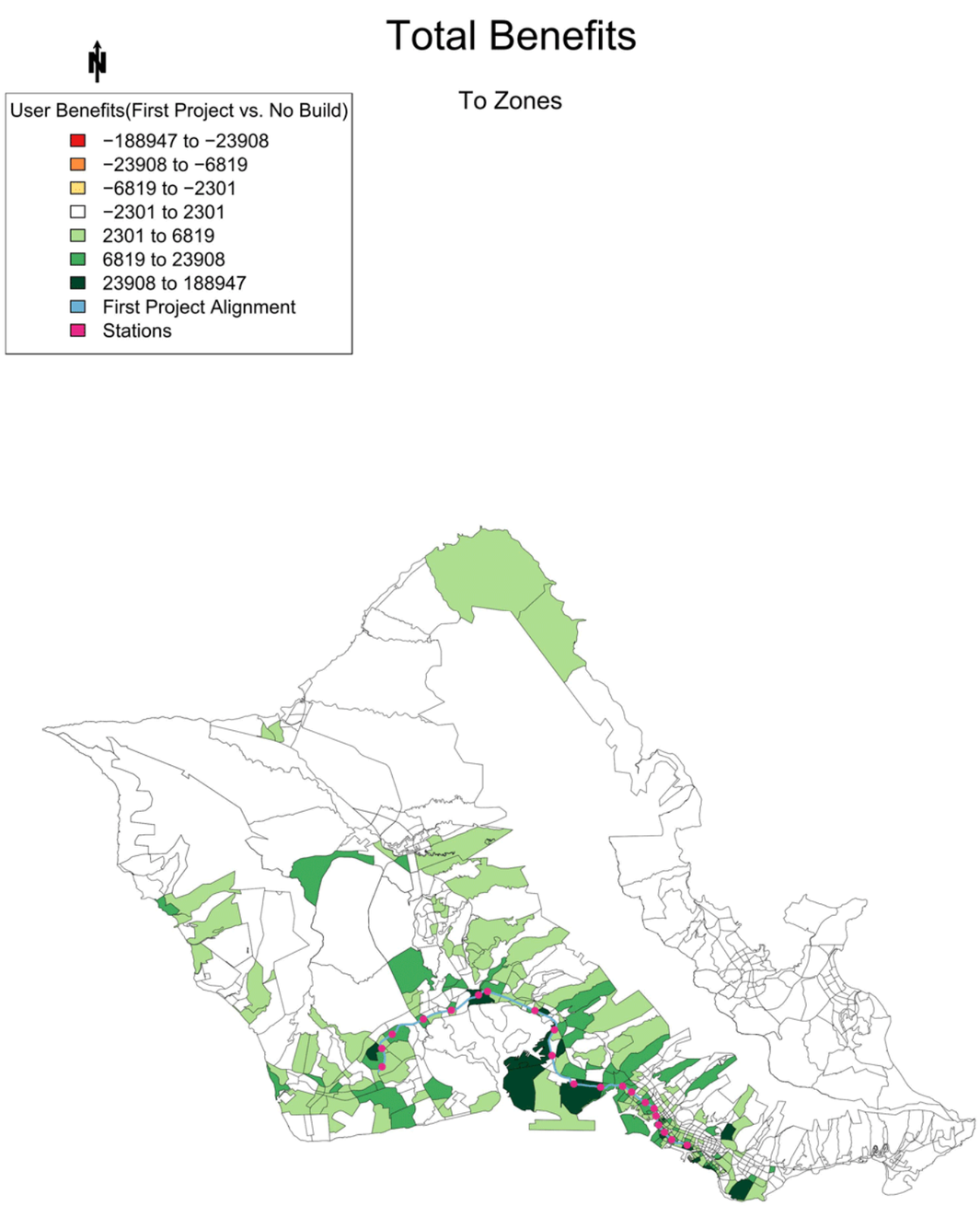

Figure 5-3. Total User Benefits (To Zones)— Project vs. No Build

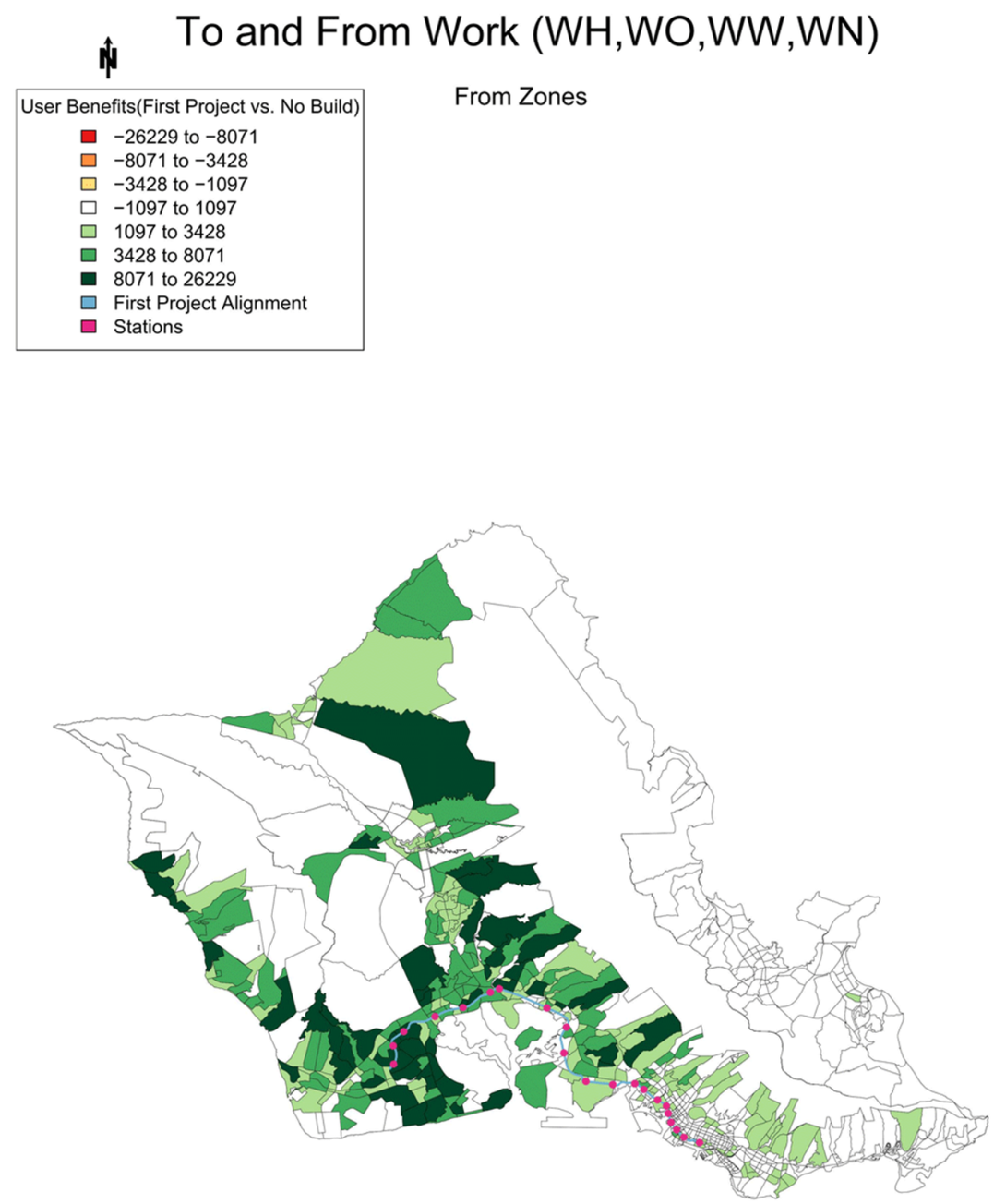

Figure 5-4. To and From Work User Benefits (From Zones)— Project vs. No Build

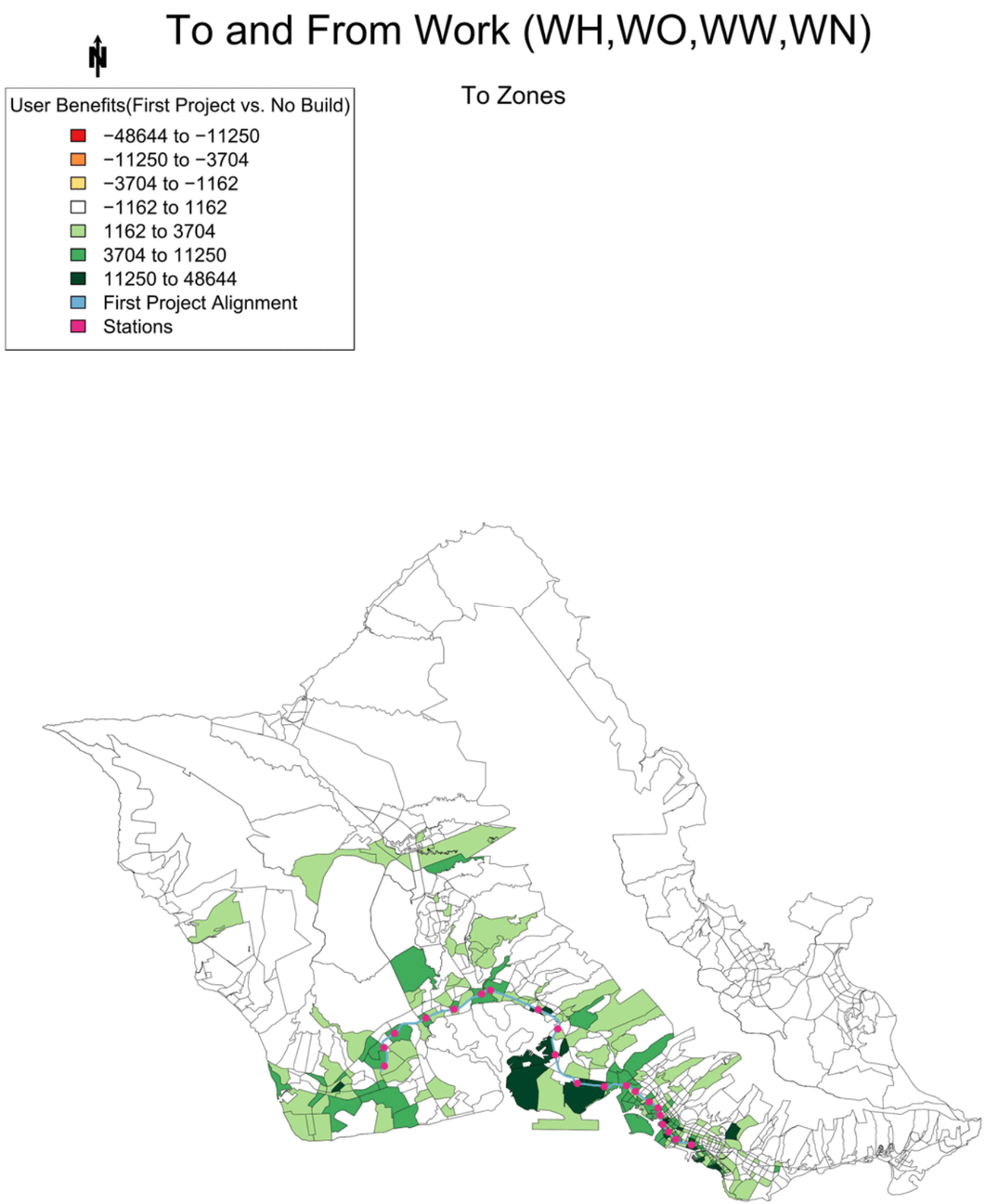

Figure 5-5. To and From Work User Benefits (To Zones)—Project vs. No Build

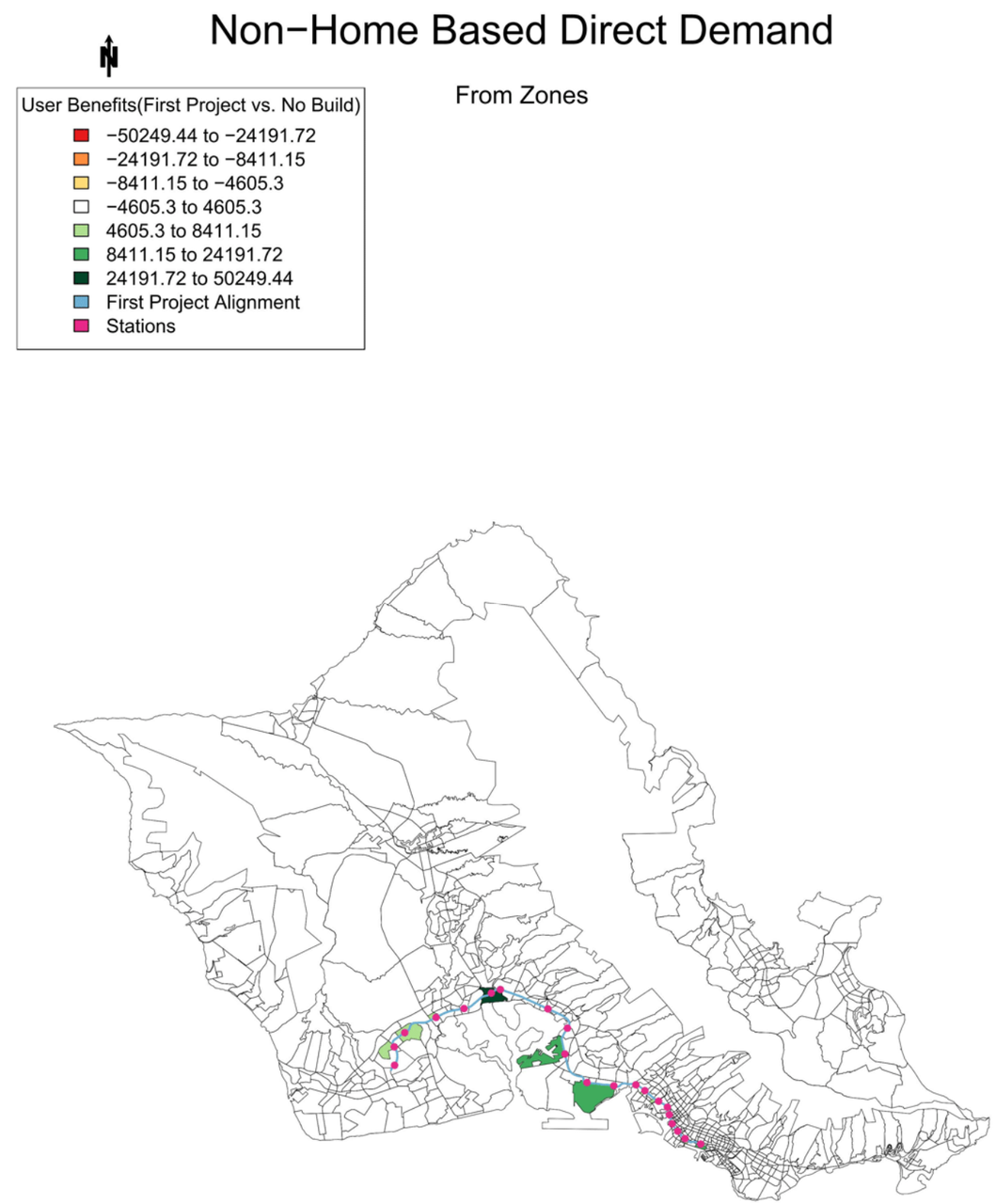

Figure 5-6. Non-Home Based Direct Demand User Benefits (From Zones)—Project vs. No Build

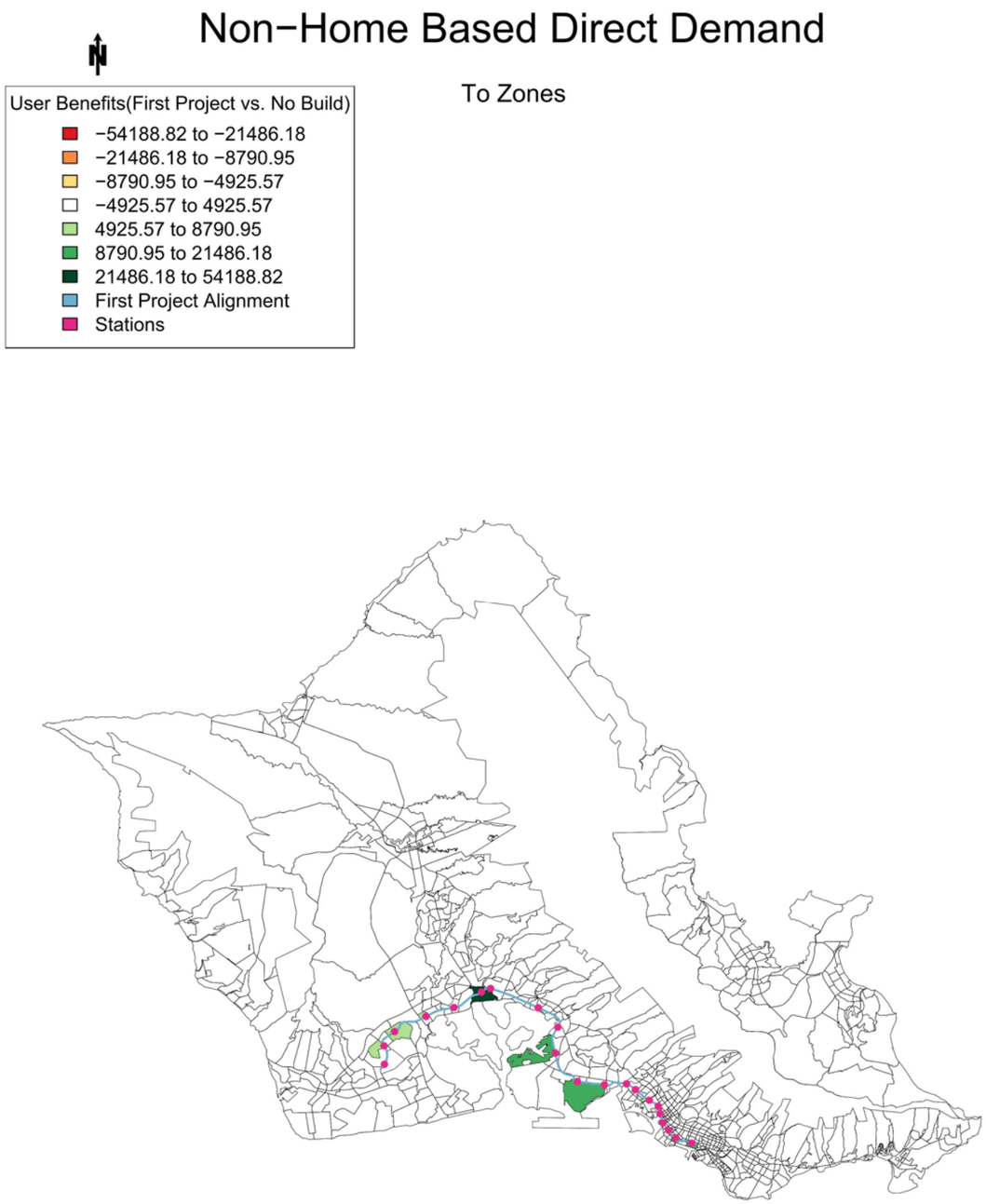

Figure 5-7. Non-Home Based Direct Demand User Benefits (To Zones)—Project vs. No Build

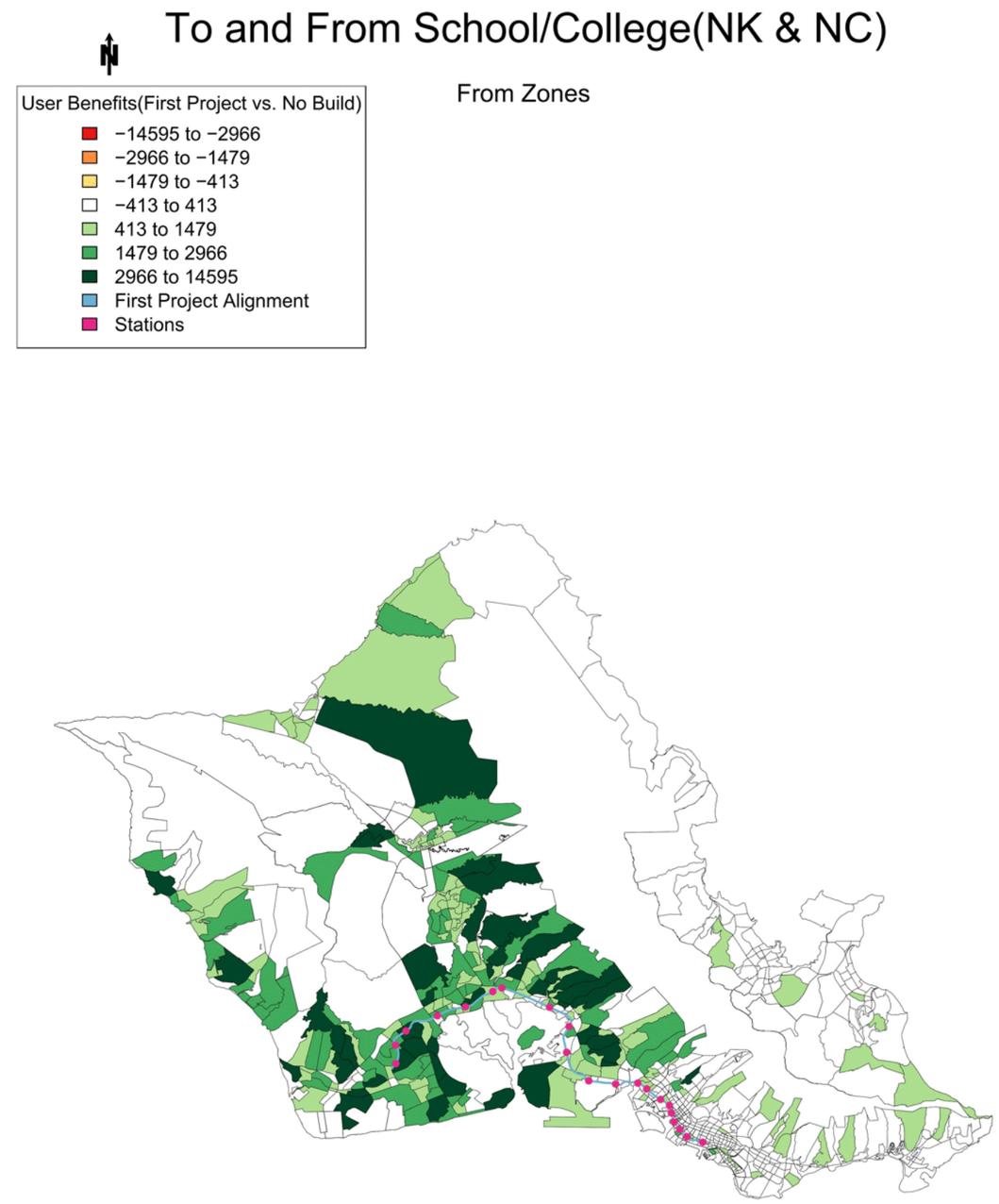

Figure 5-8. To and From School/College User Benefits (From Zones)—Project vs. No Build

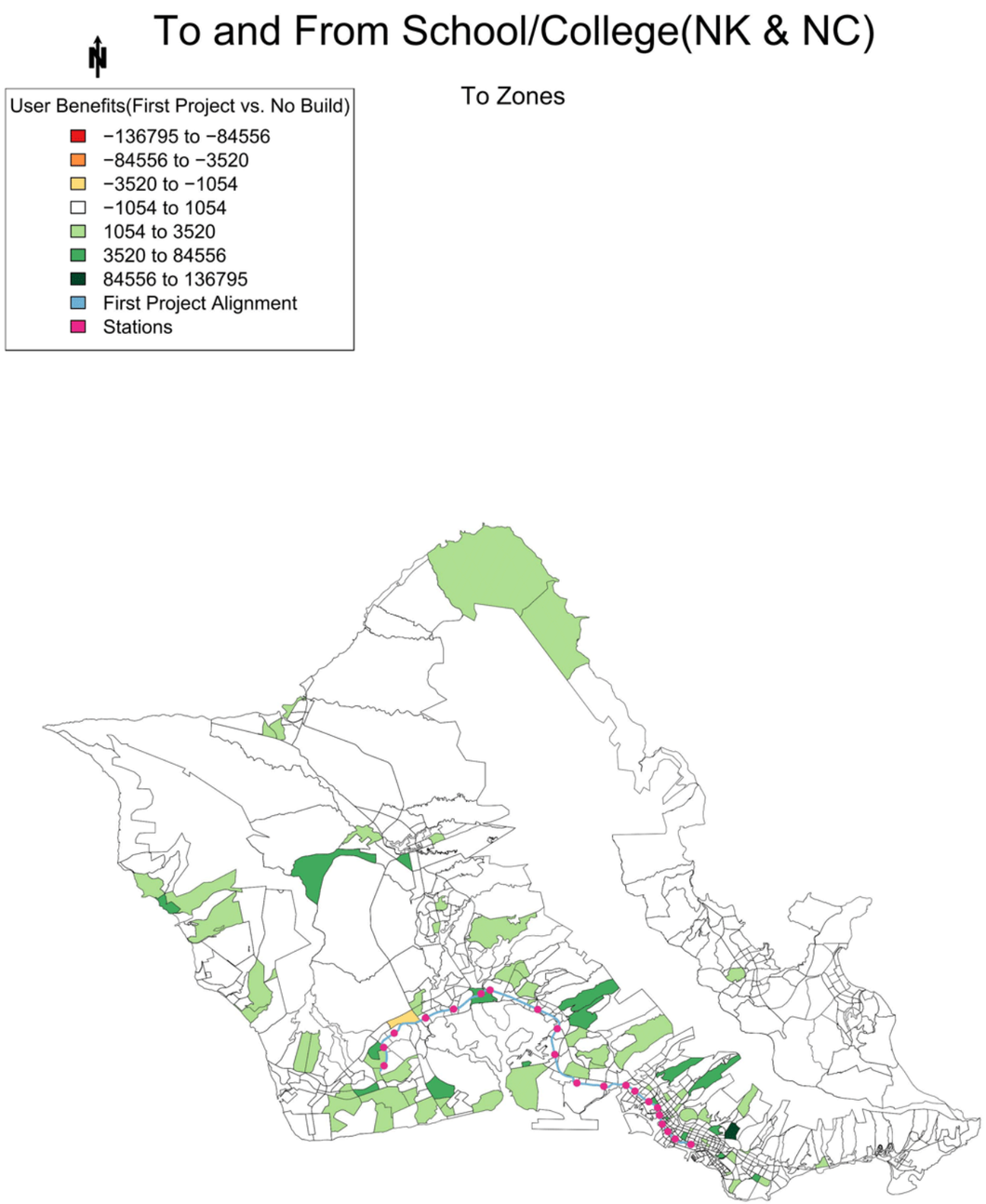

Figure 5-9. To and From School/College User Benefits (To Zones)—Project vs. No Build

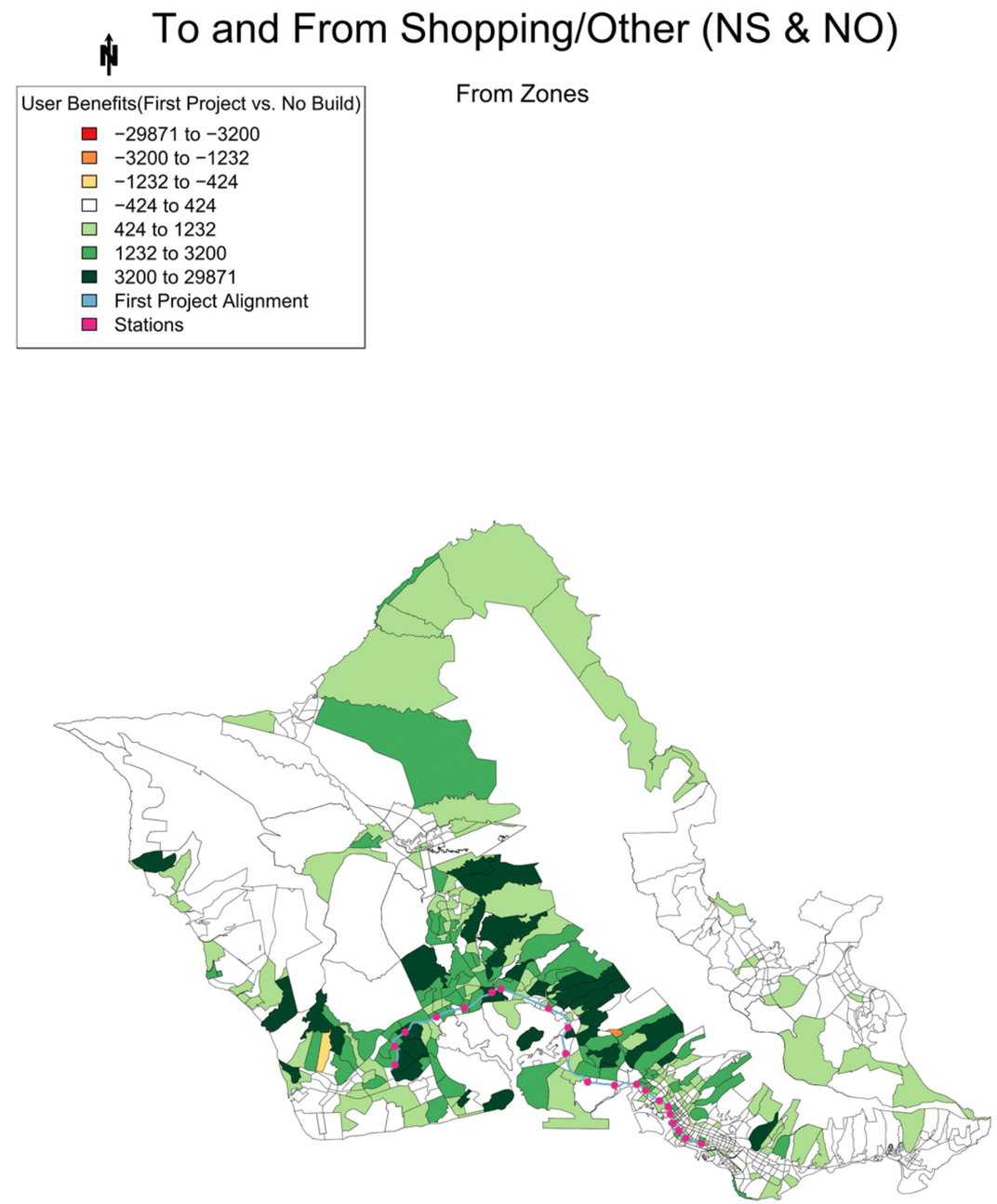

Figure 5-10. To and From Shopping/Other User Benefits (From Zones)—Project vs. No Build

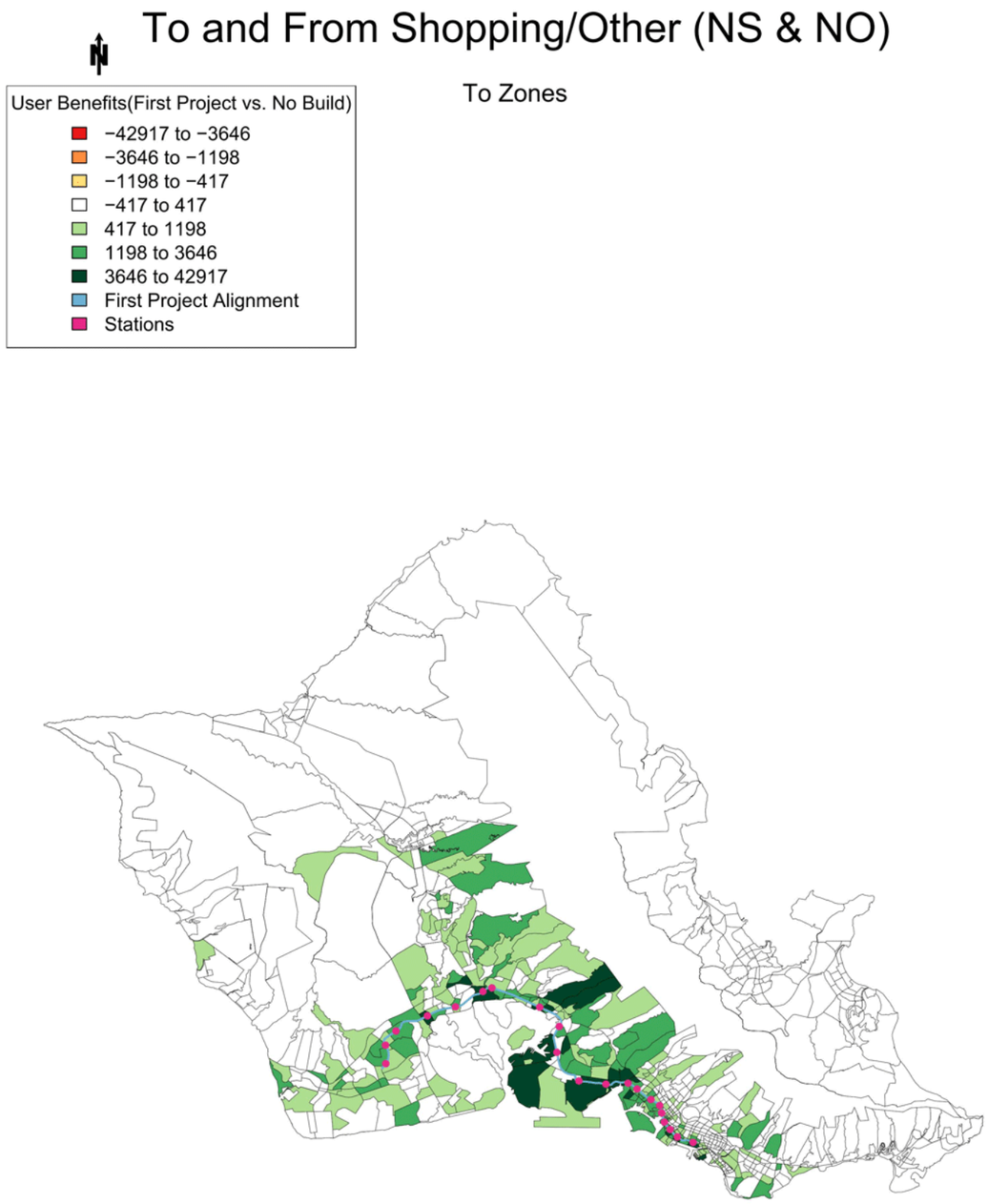

Figure 5-11. To and From Shopping/Other User Benefits (To Zones)—Project vs. No Build

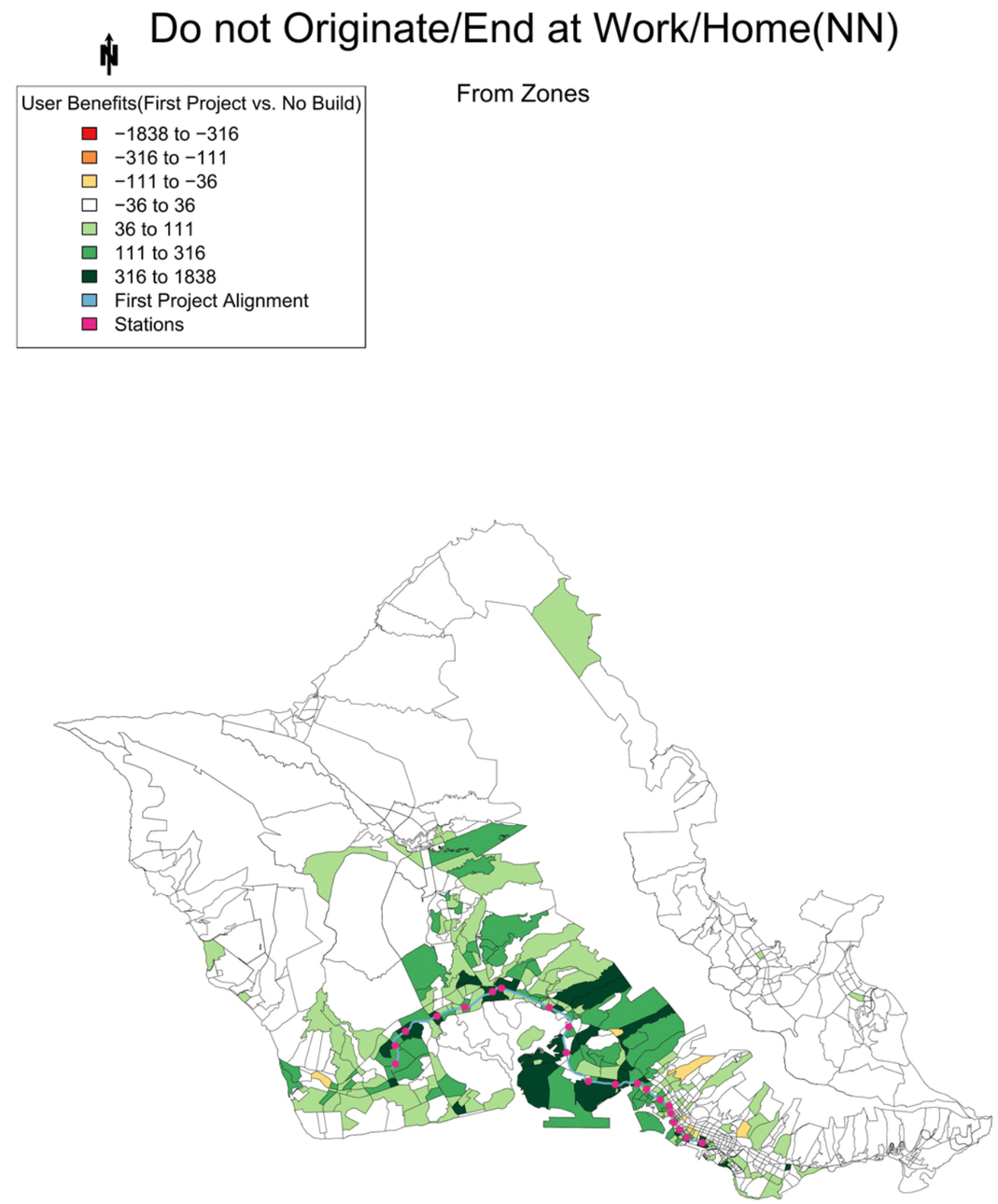

Figure 5-12. Do not Originate/End at Work/Home User Benefits (From Zones)—Project vs. No Build

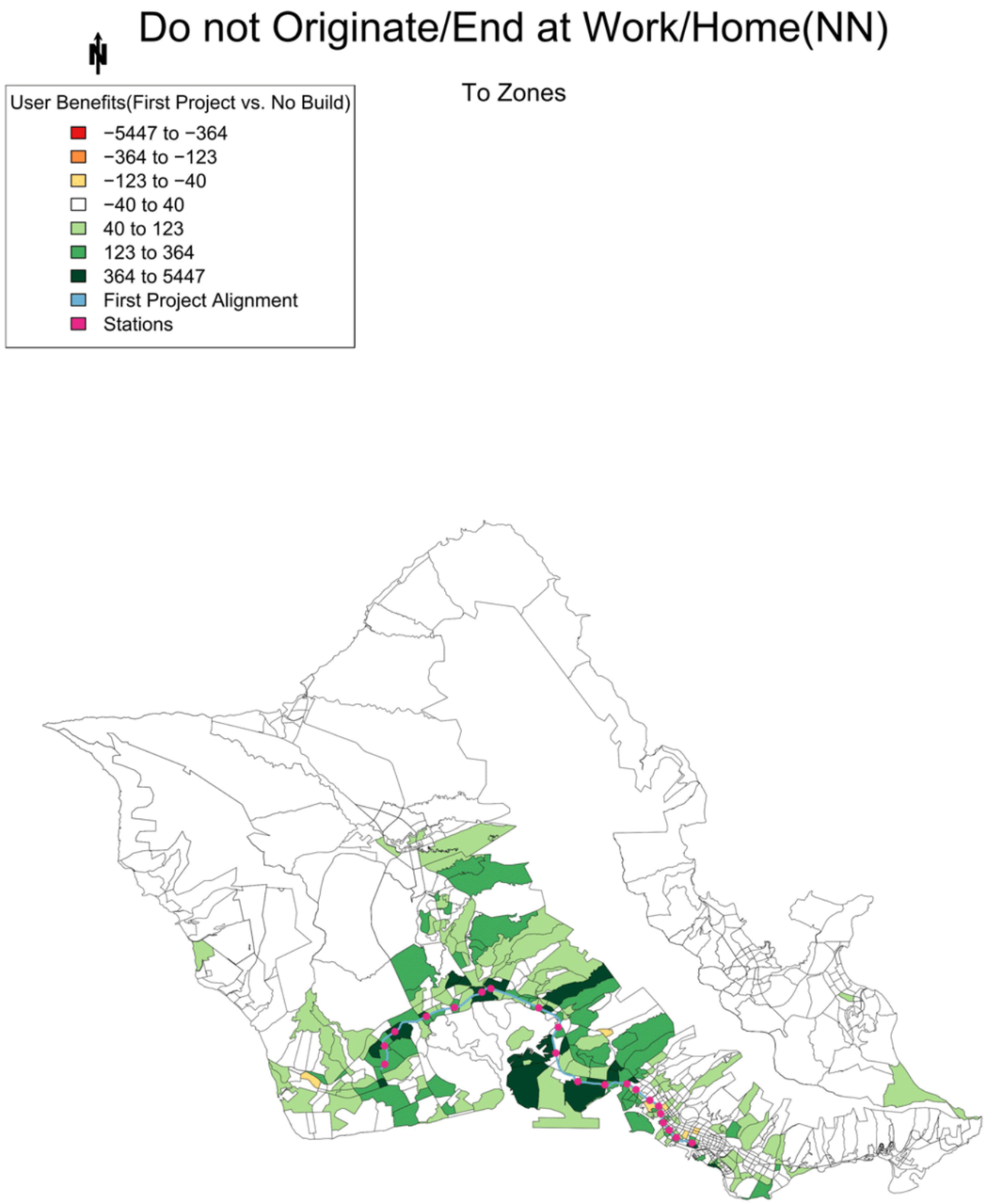

Figure 5-13. Do not Originate/End at Work/Home User Benefits (To Zones)—Project vs. No Build

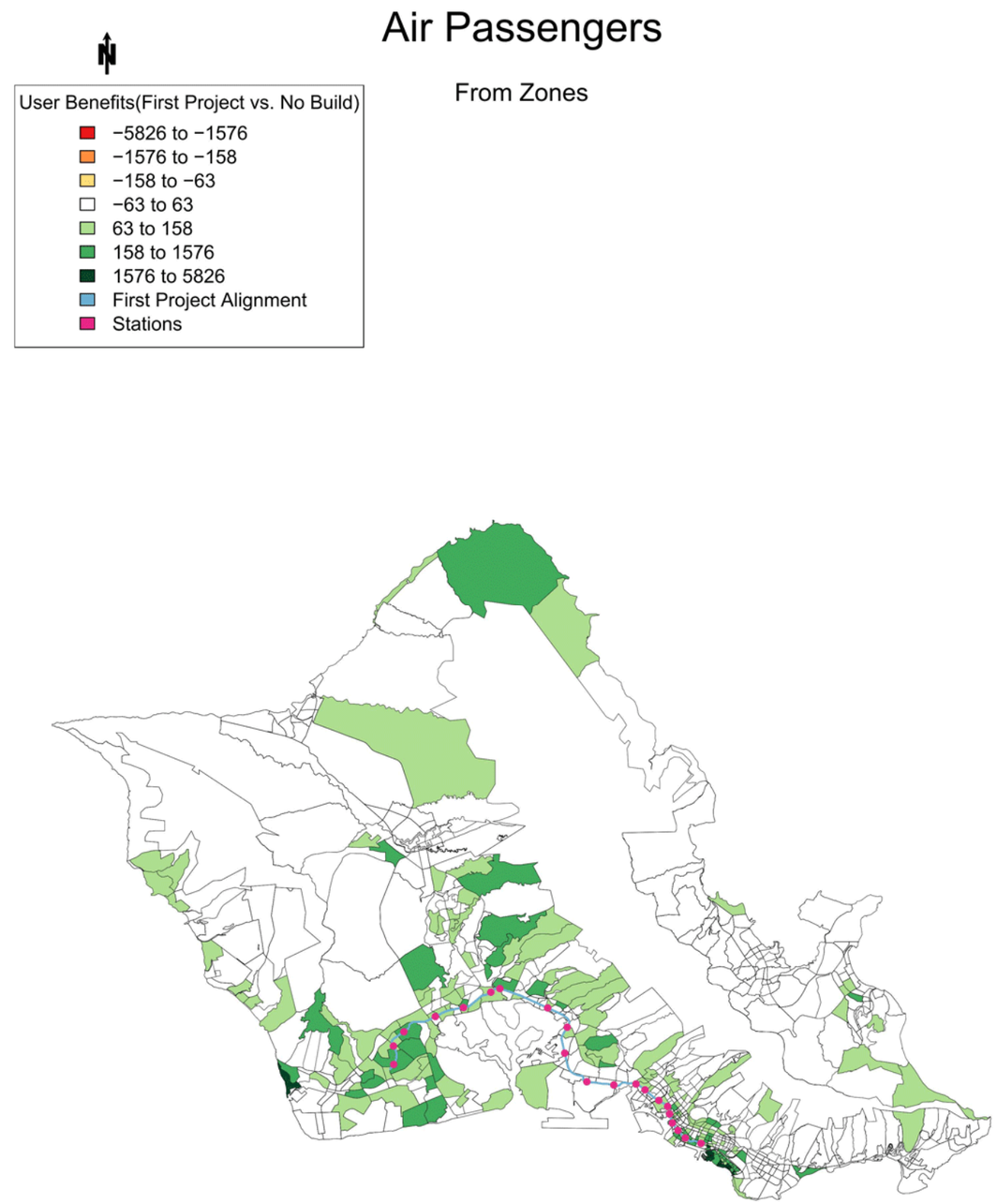

Figure 5-14. Ground Access Air Passenger User Benefits (From Zones)—Project vs. No Build

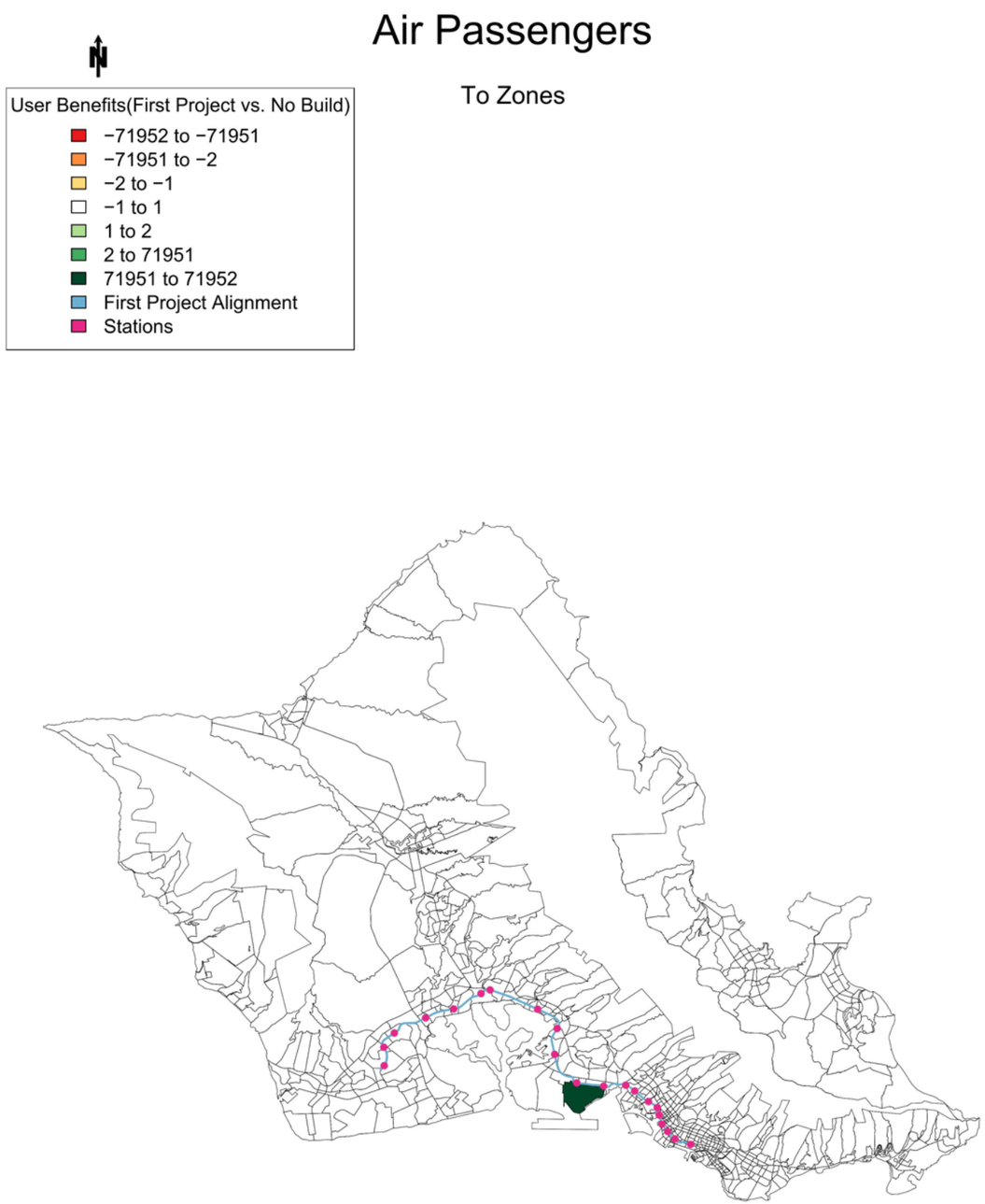

Figure 5-15. Ground Access Air Passenger User Benefits (To Zones)—Project vs. No Build

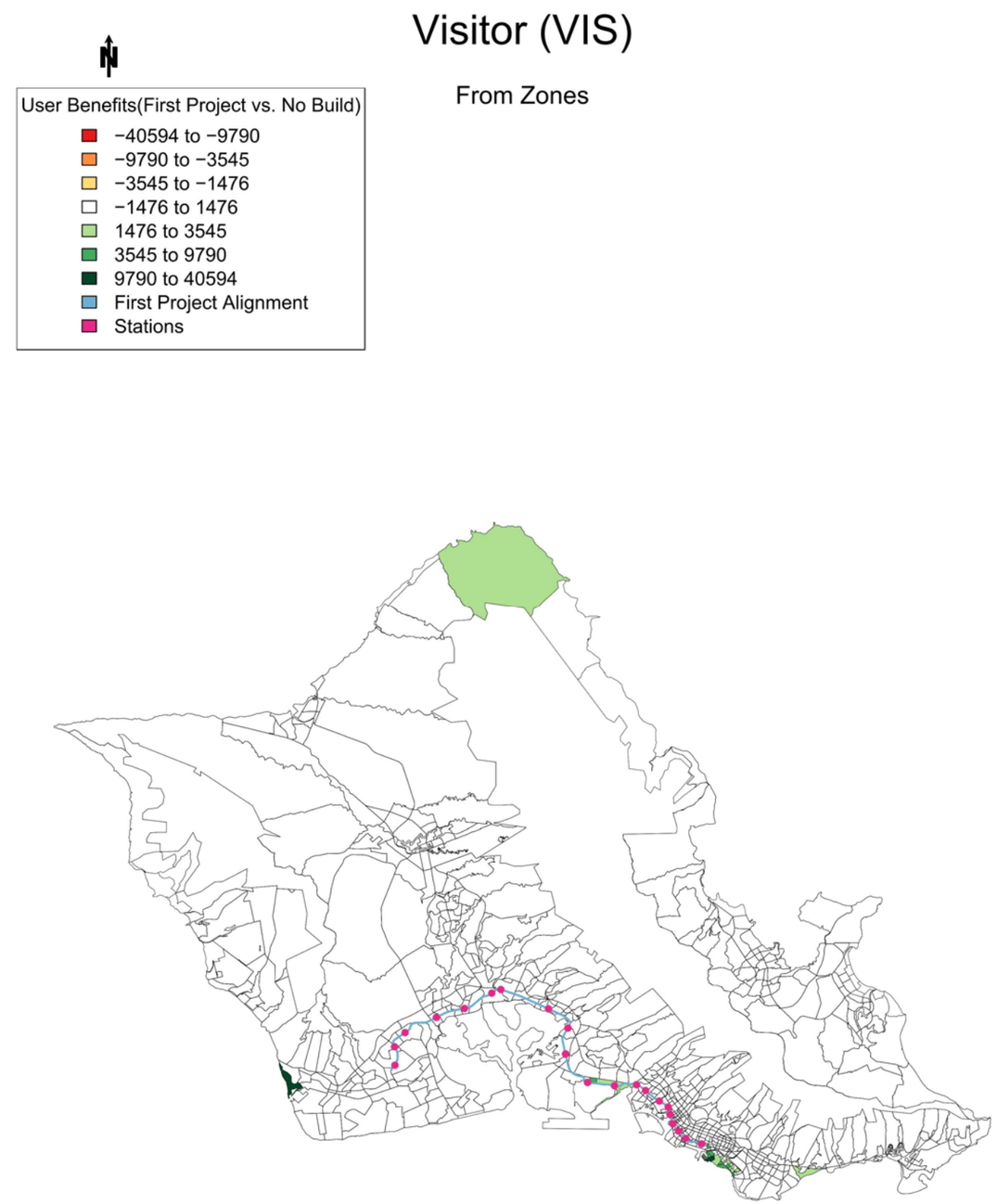

Figure 5-16. Visitor User Benefits (From Zones)—Project vs. No Build

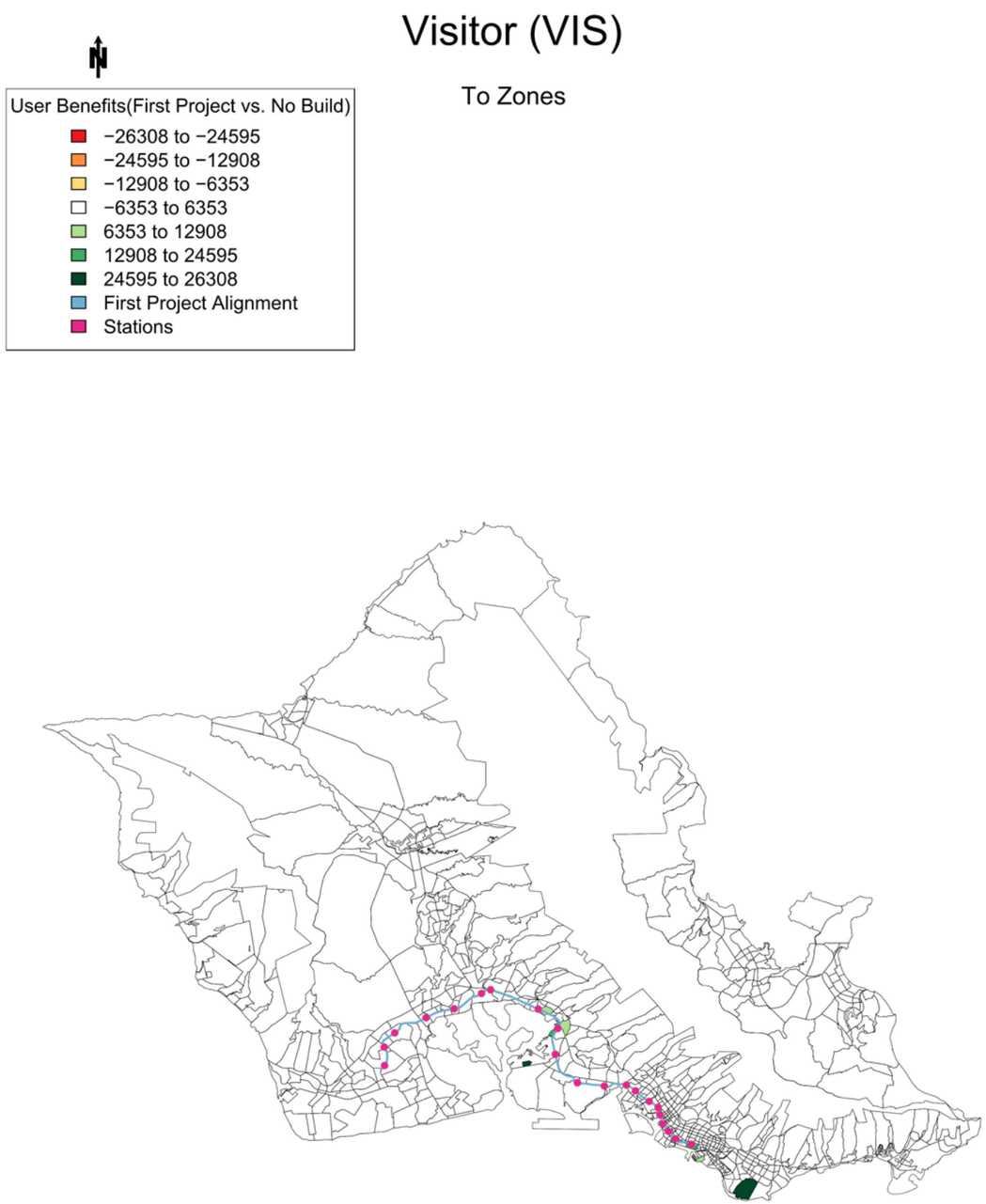

Figure 5-17. Visitor User Benefits (To Zones)—Project vs. No Build

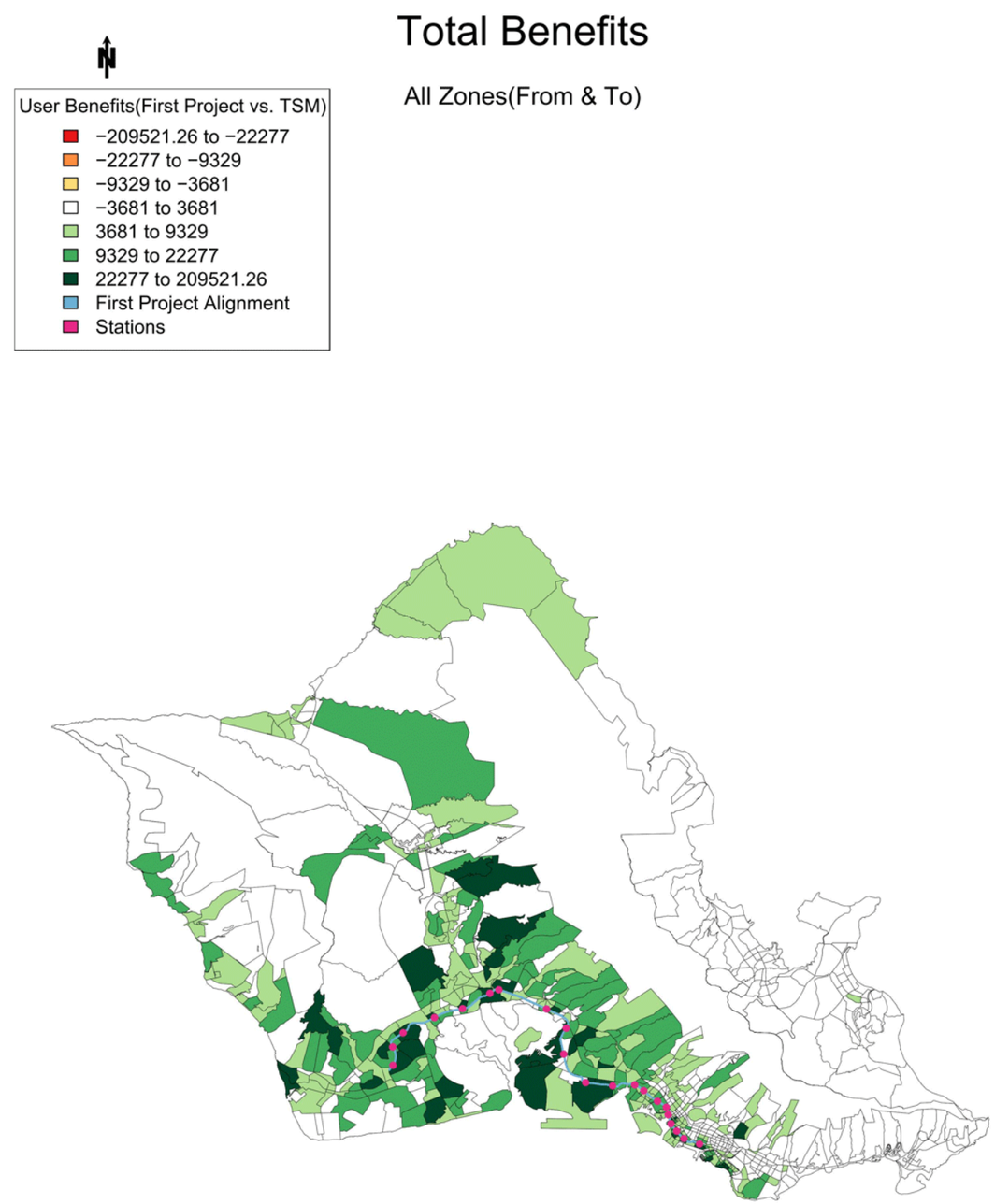

Figure 5-18. Total User Benefits (Froms + Tos)—Project vs. TSM

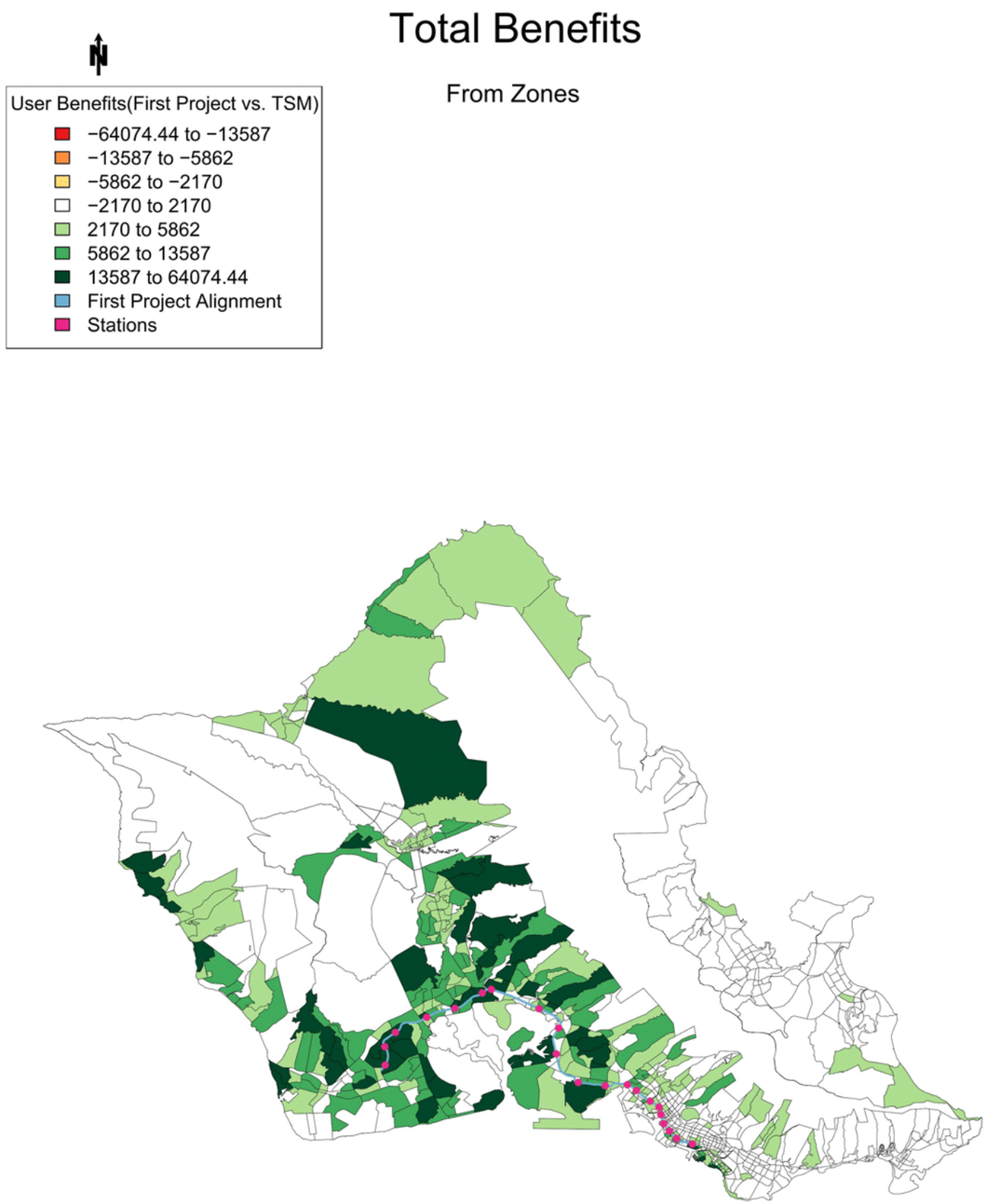

Figure 5-19. Total User Benefits (From Zones)—Project vs. TSM

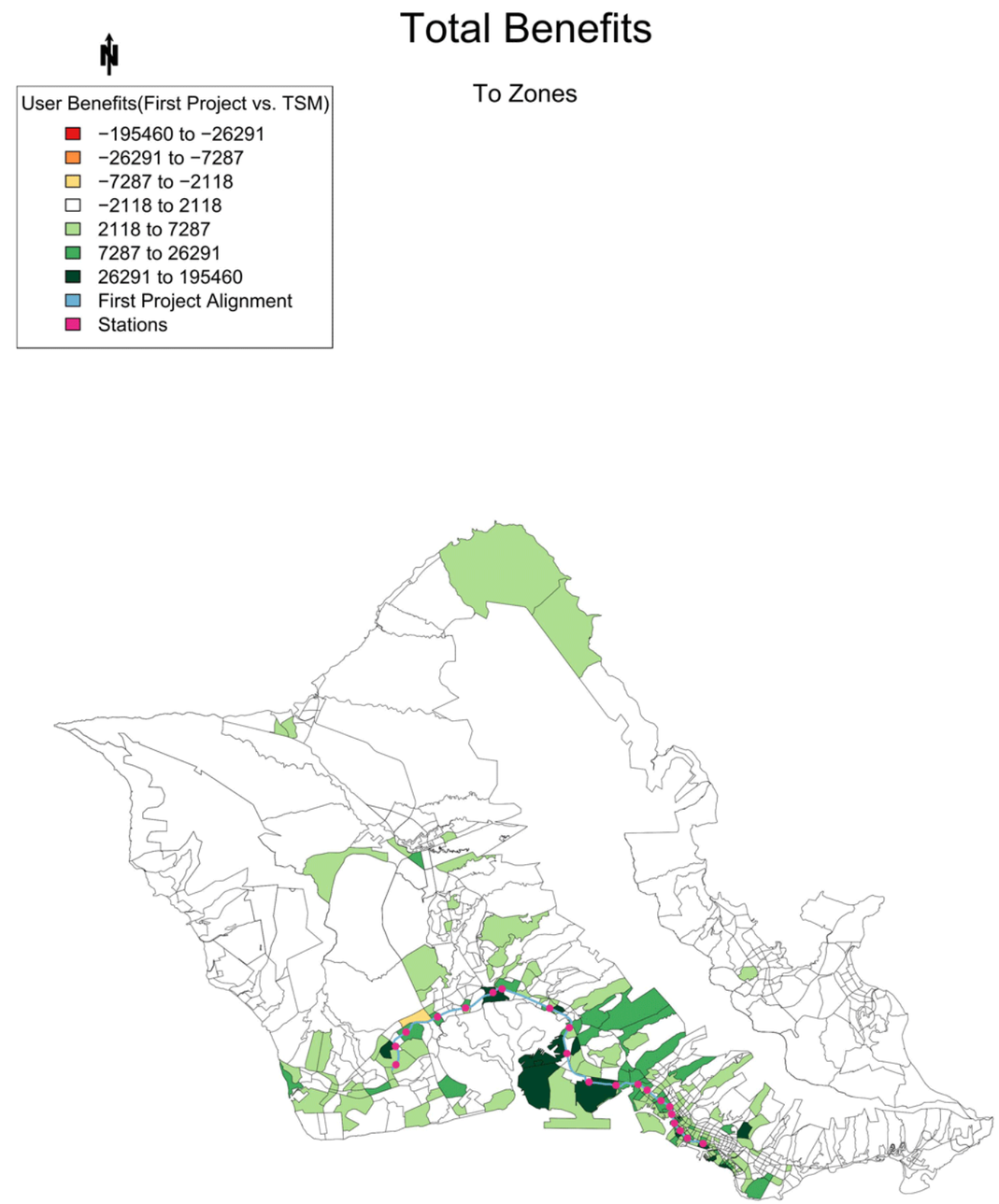

Figure 5-20. Total User Benefits (To Zones)—Project vs. TSM

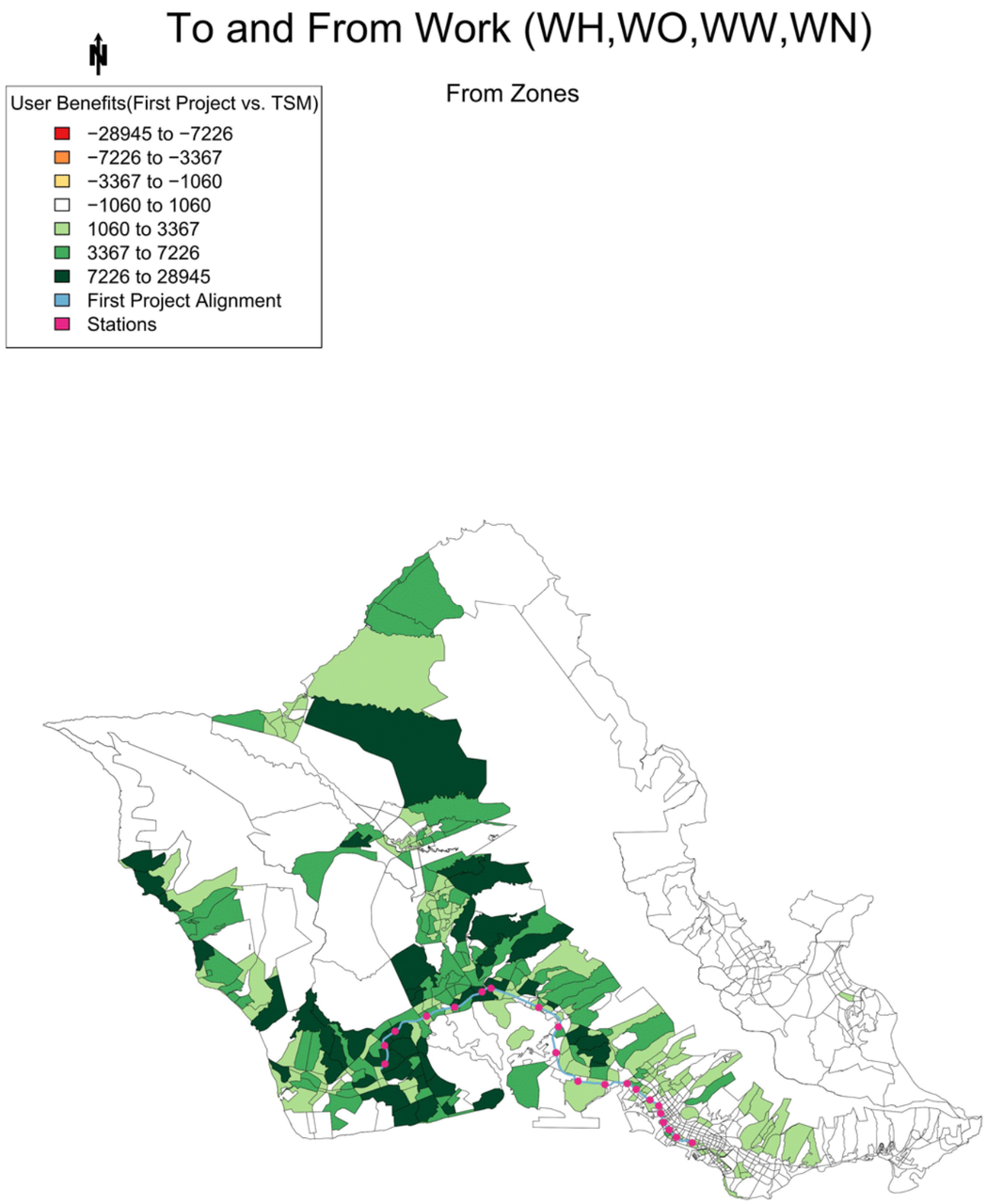

Figure 5-21. To and From Work User Benefits (From Zones)—Project vs. TSM

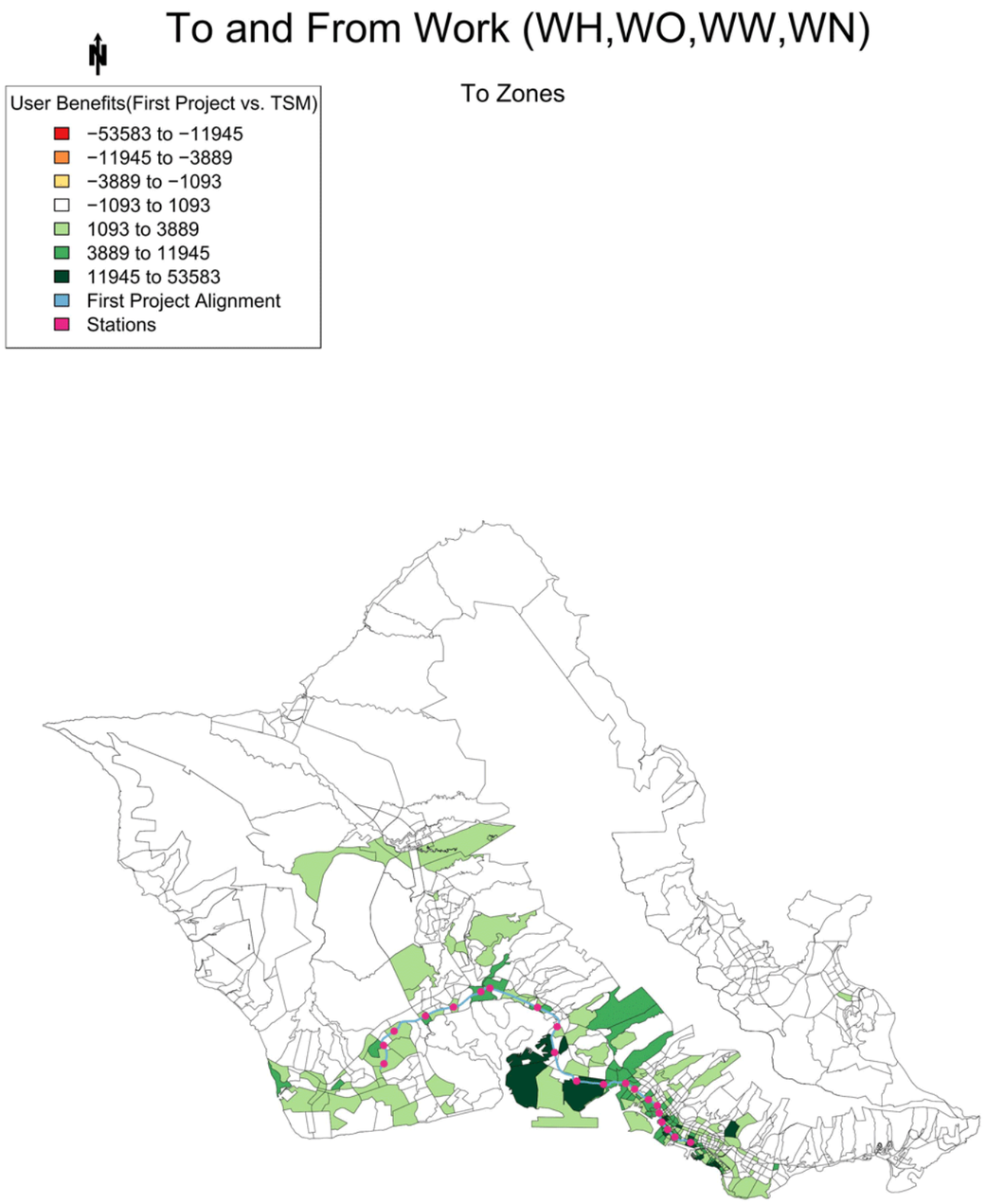

Figure 5-22. To and From Work User Benefits (To Zones)—Project vs. TSM

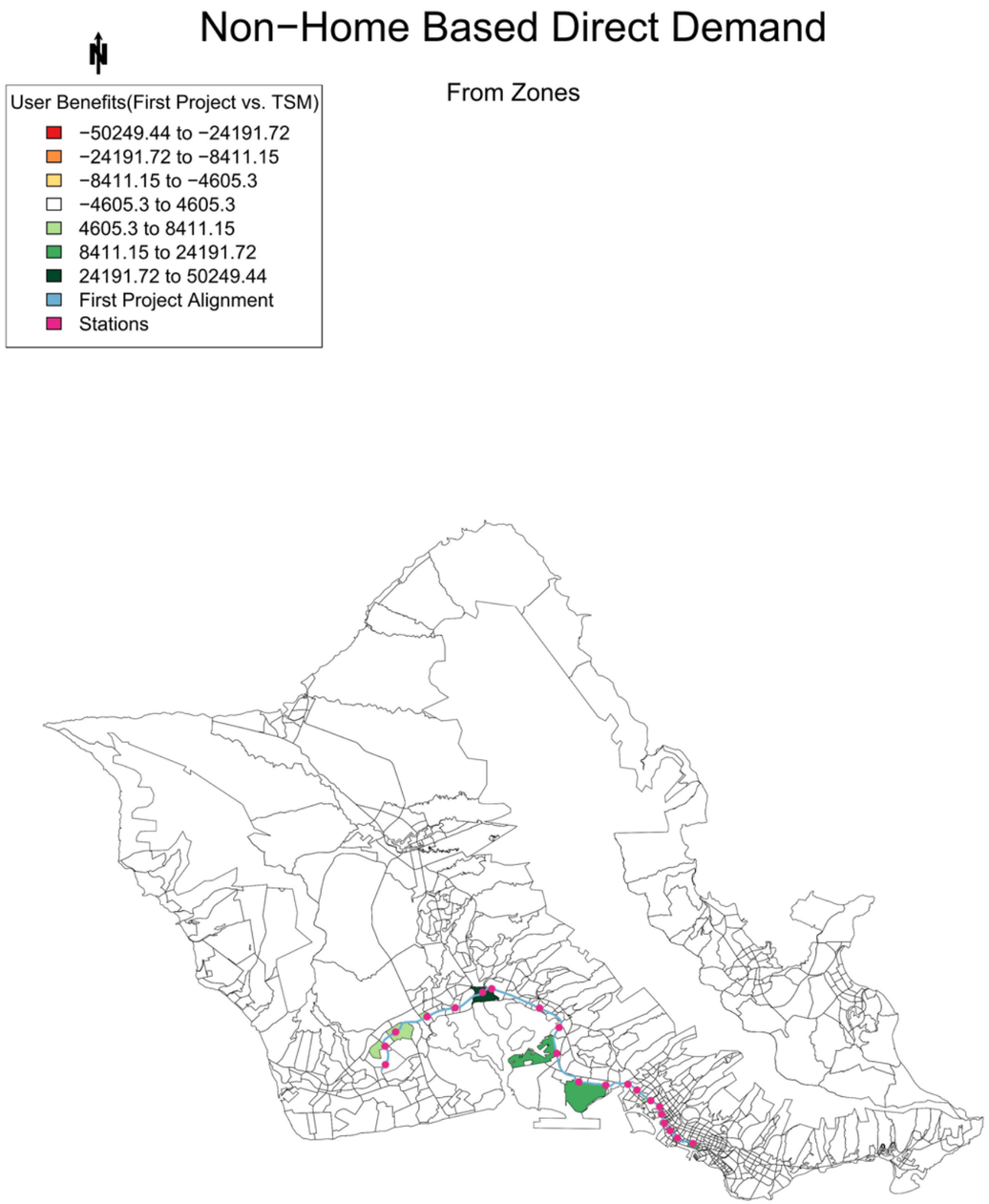

Figure 5-23. Non-Home Based Direct Demand User Benefits (From Zones)—Project vs. TSM

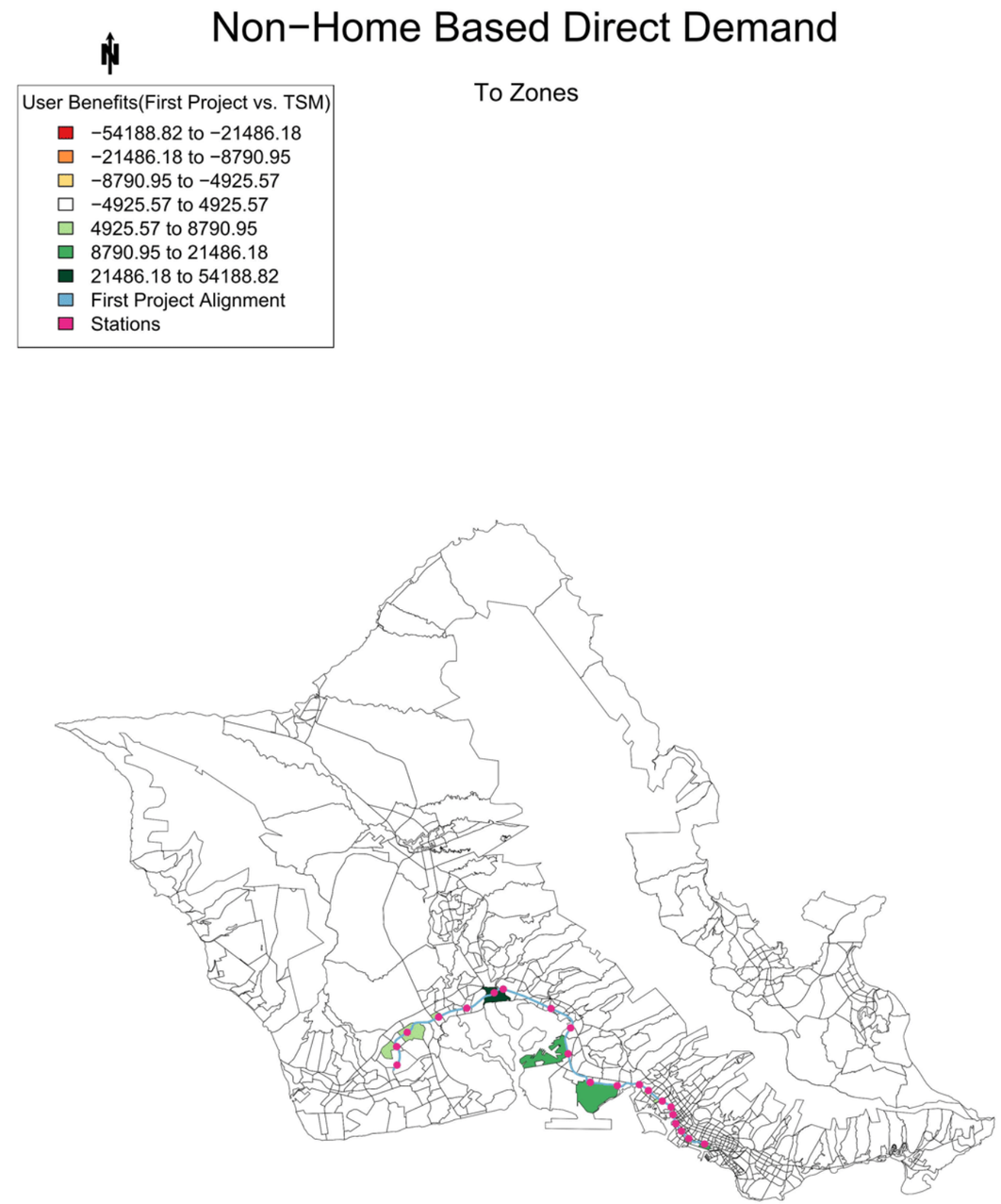

Figure 5-24. Non-Home Based Direct Demand User Benefits (To Zones)—Project vs. TSM

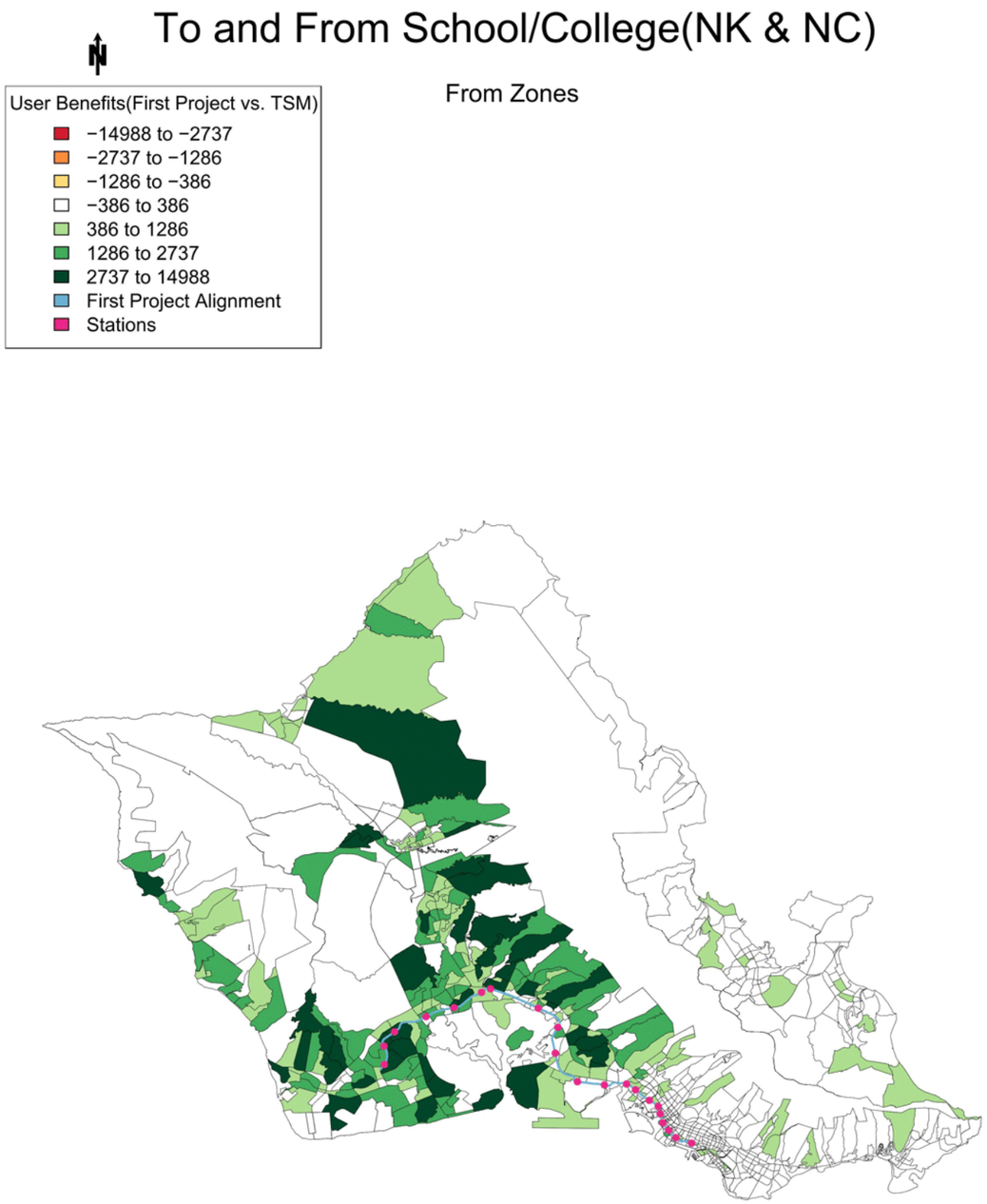

Figure 5-25. To and From School/College User Benefits (From Zones)—Project vs. TSM

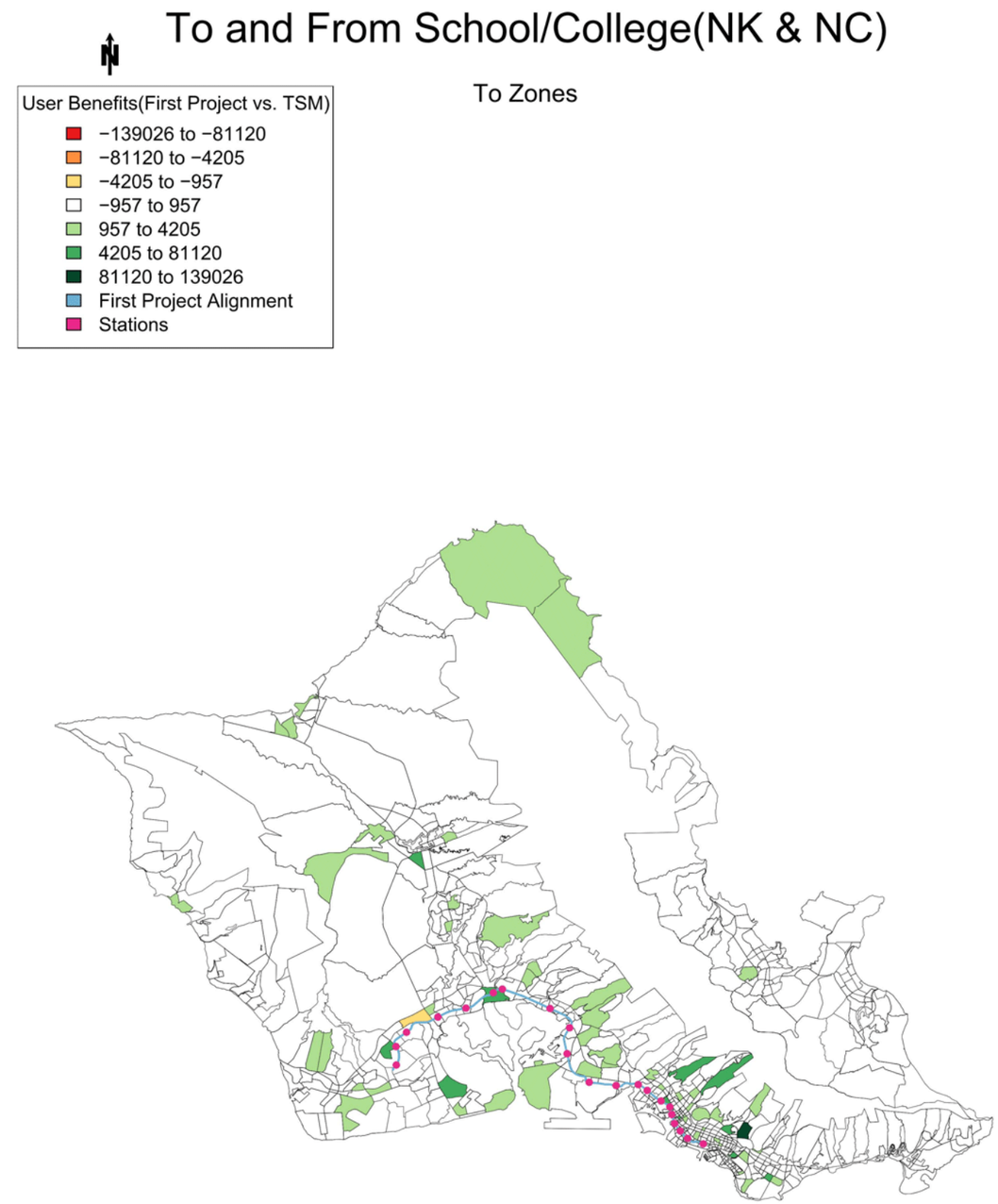

Figure 5-26. To and From School/College User Benefits (To Zones)—Project vs. TSM

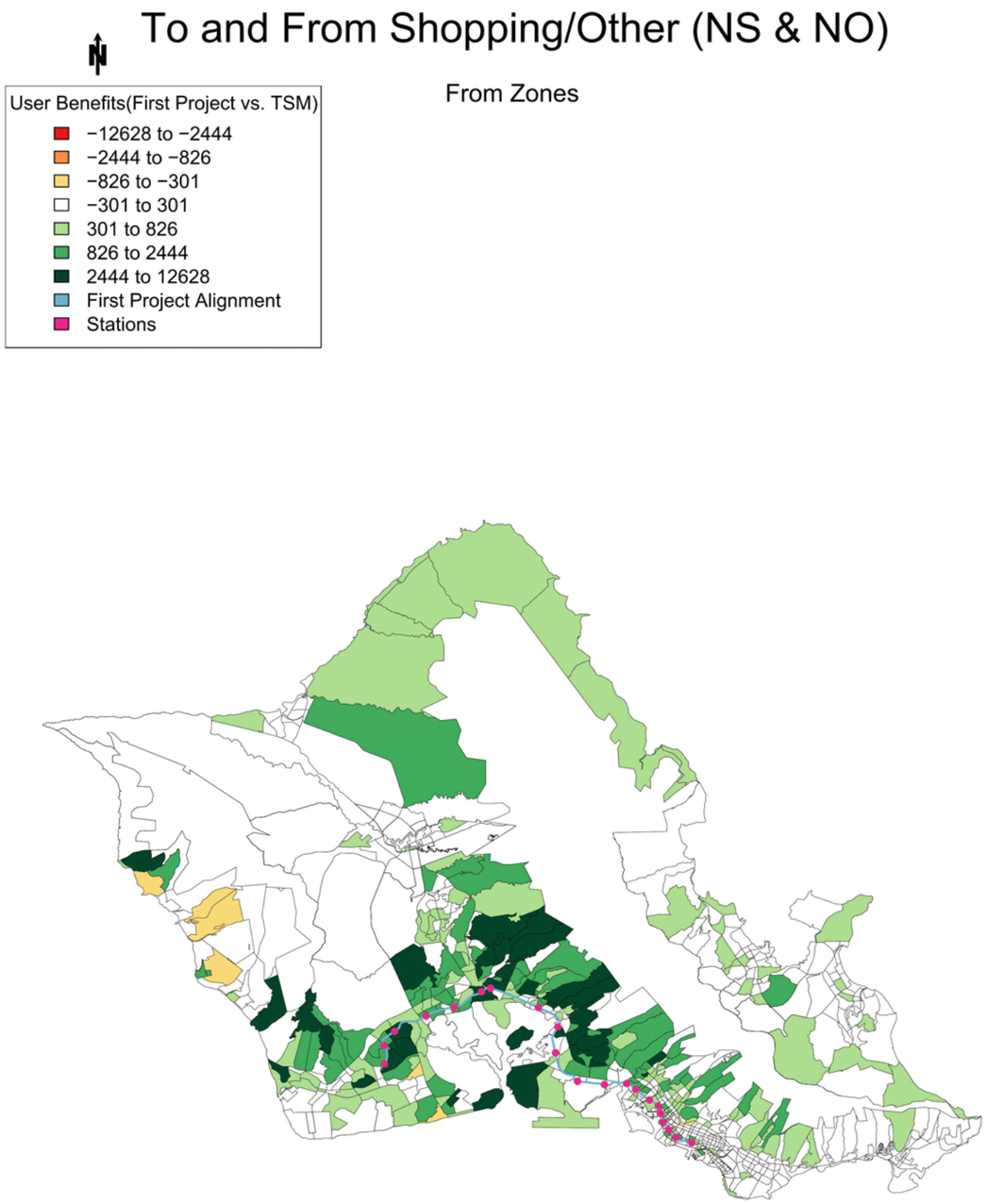

Figure 5-27. To and From Shopping/Other User Benefits (From Zones)—Project vs. TSM

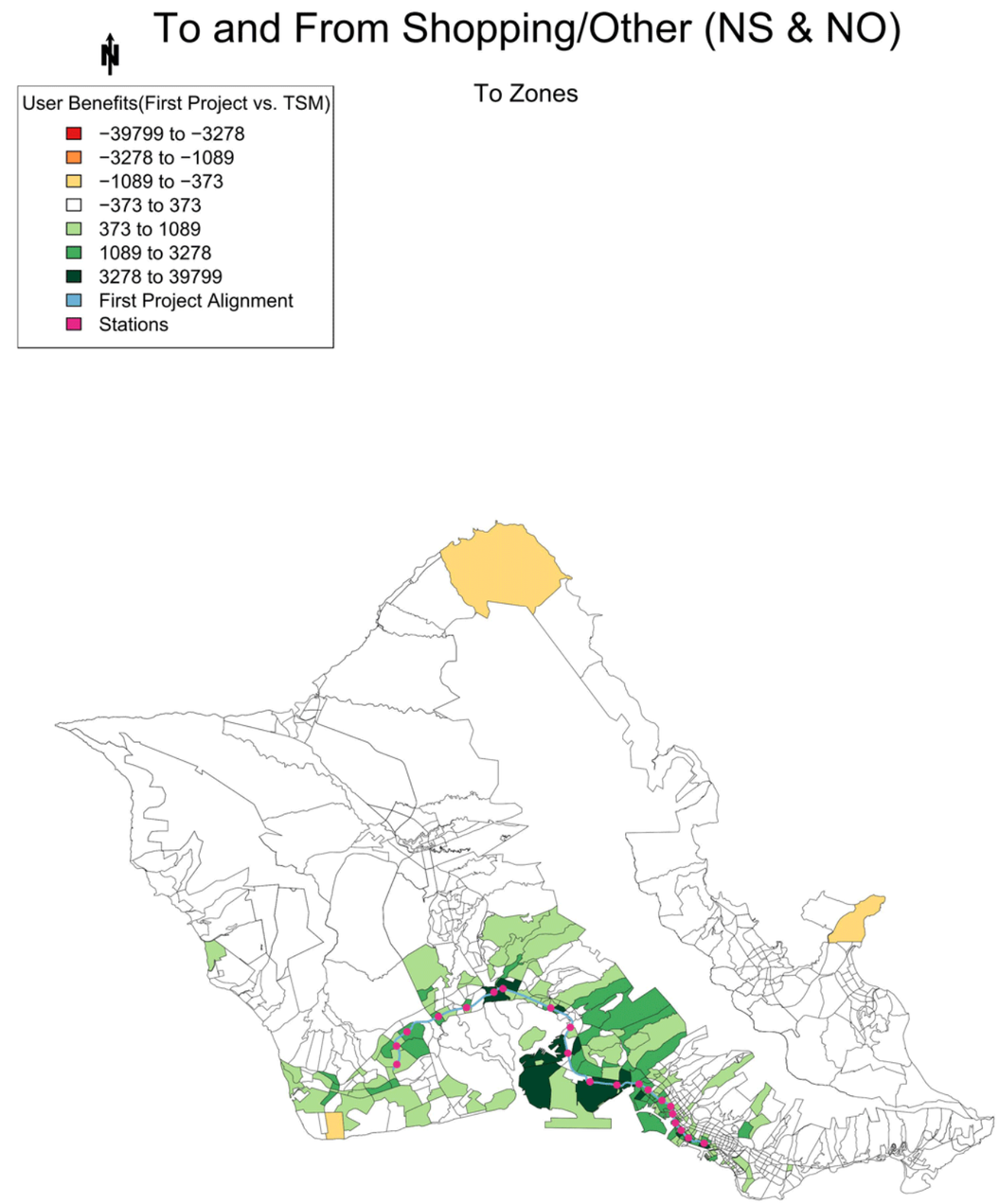

Figure 5-28. To and From Shopping/Other User Benefits (To Zones)—Project vs. TSM

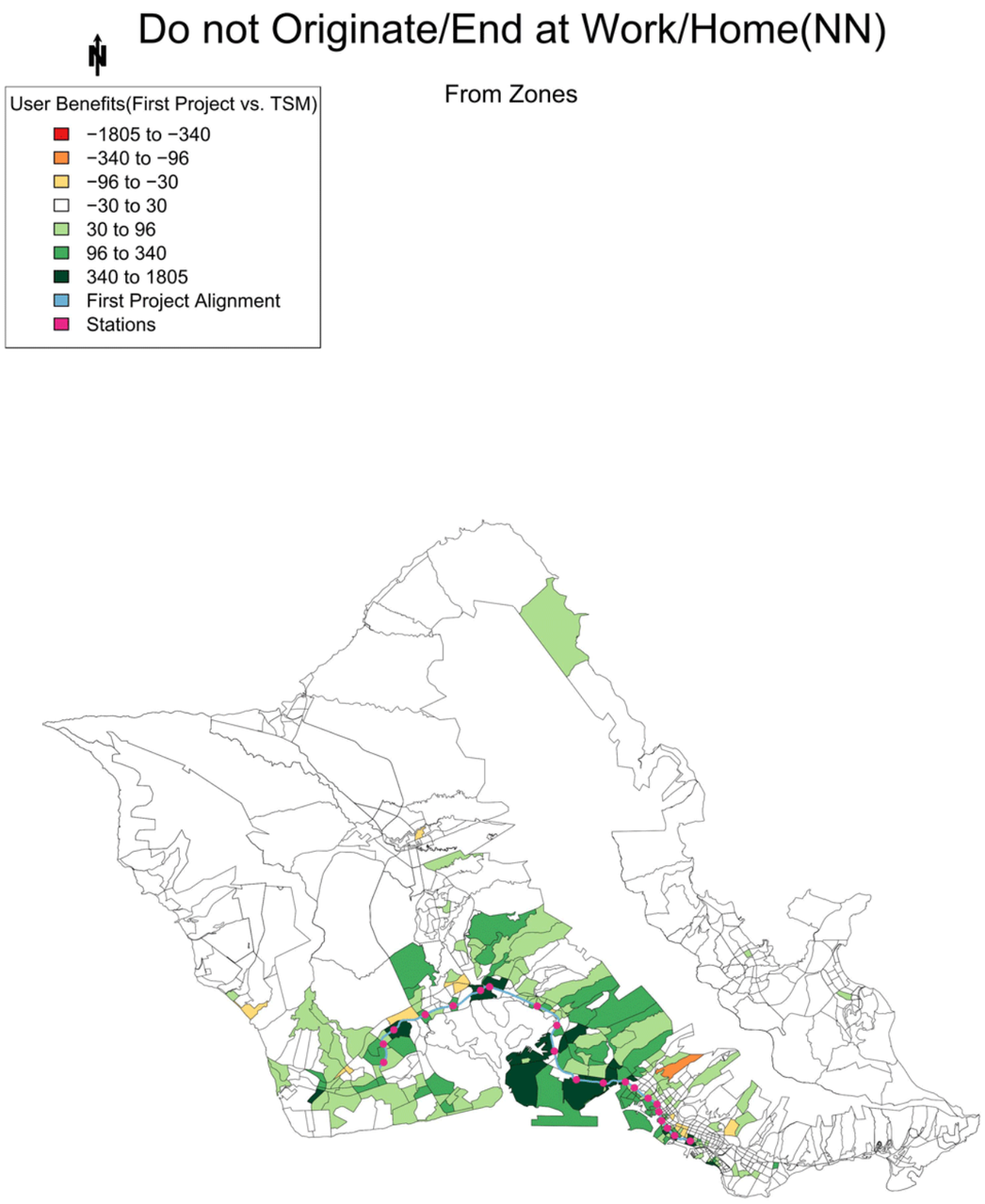

Figure 5-29. Do not Originate/End at Work/Home User Benefits (From Zones)—Project vs. TSM

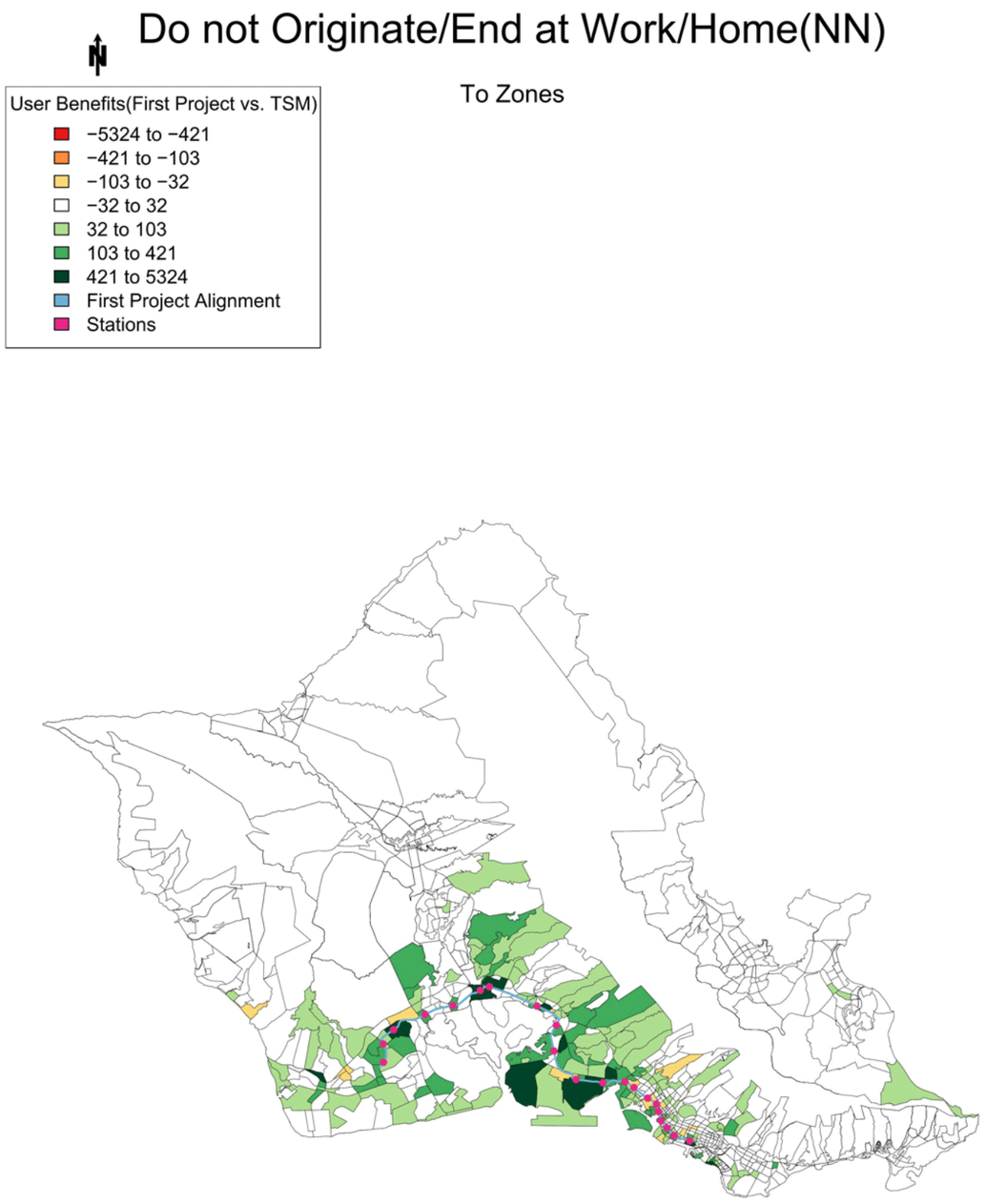

Figure 5-30 Do not Originate/End at Work/Home User Benefits (To Zones)—Project vs. TSM

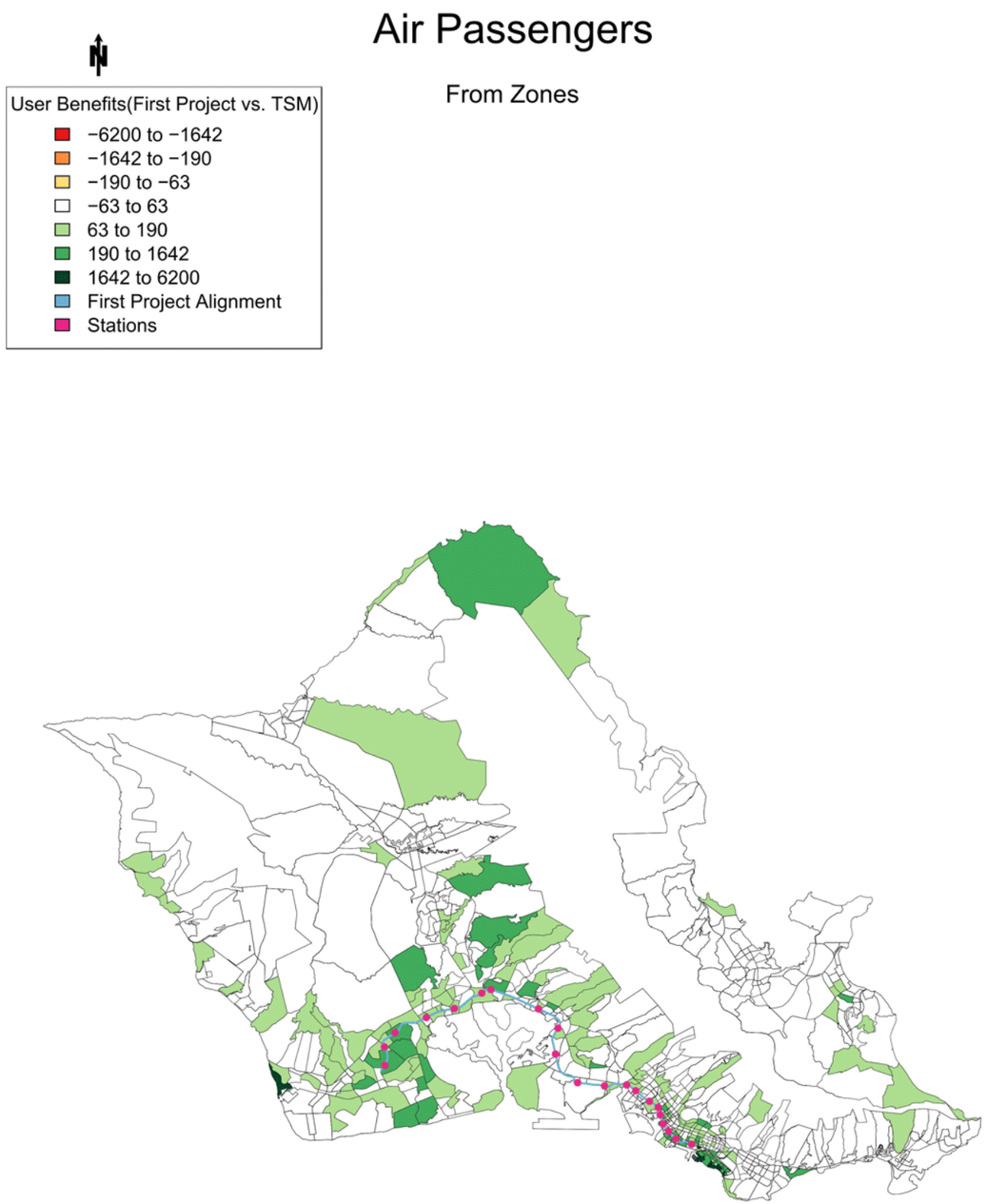

Figure 5-31. Ground Access Air Passenger User Benefits (From Zones)—Project vs. TSM

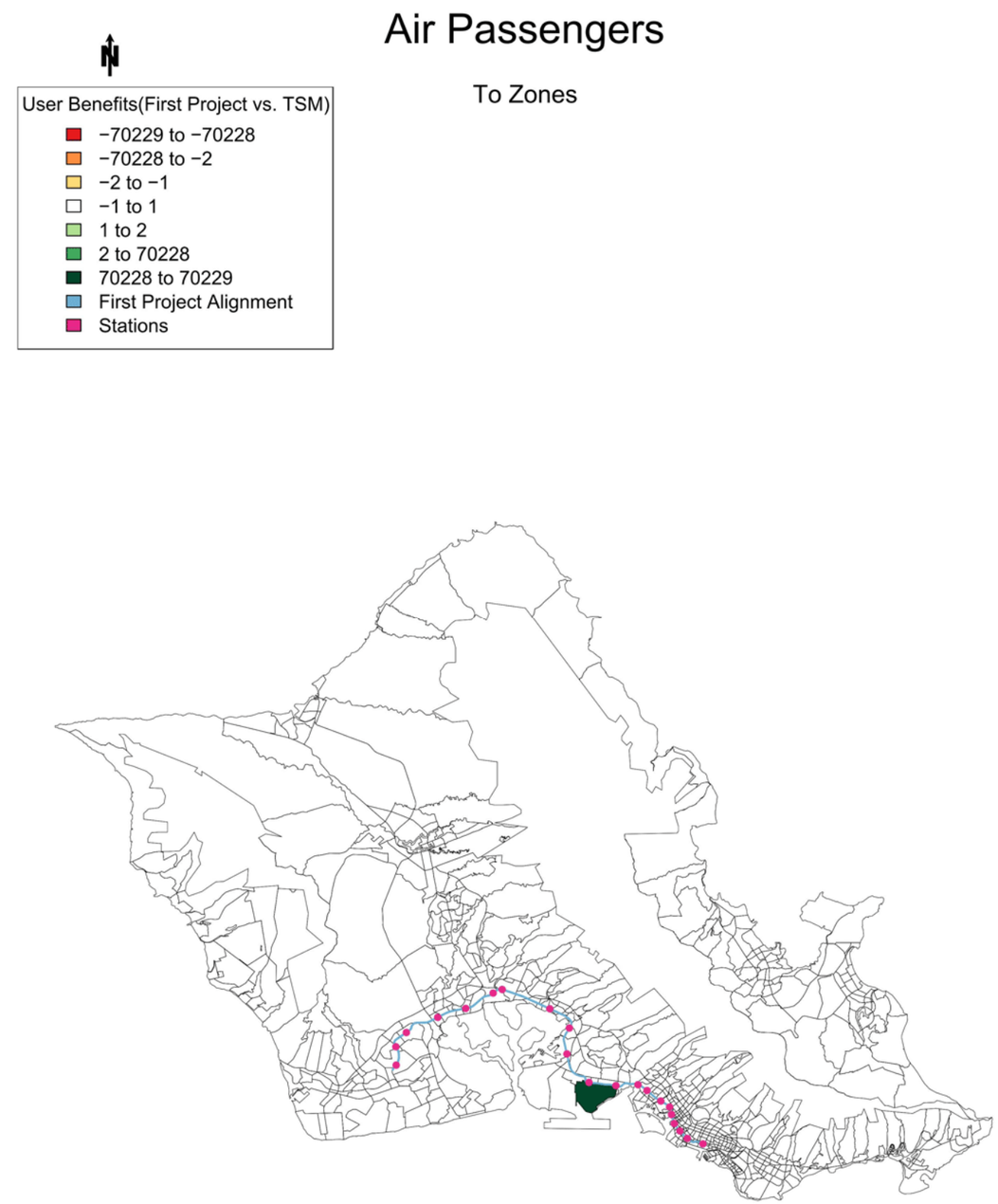

Figure 5-32. Ground Access Air Passenger User Benefits (To Zones)—Project vs. TSM

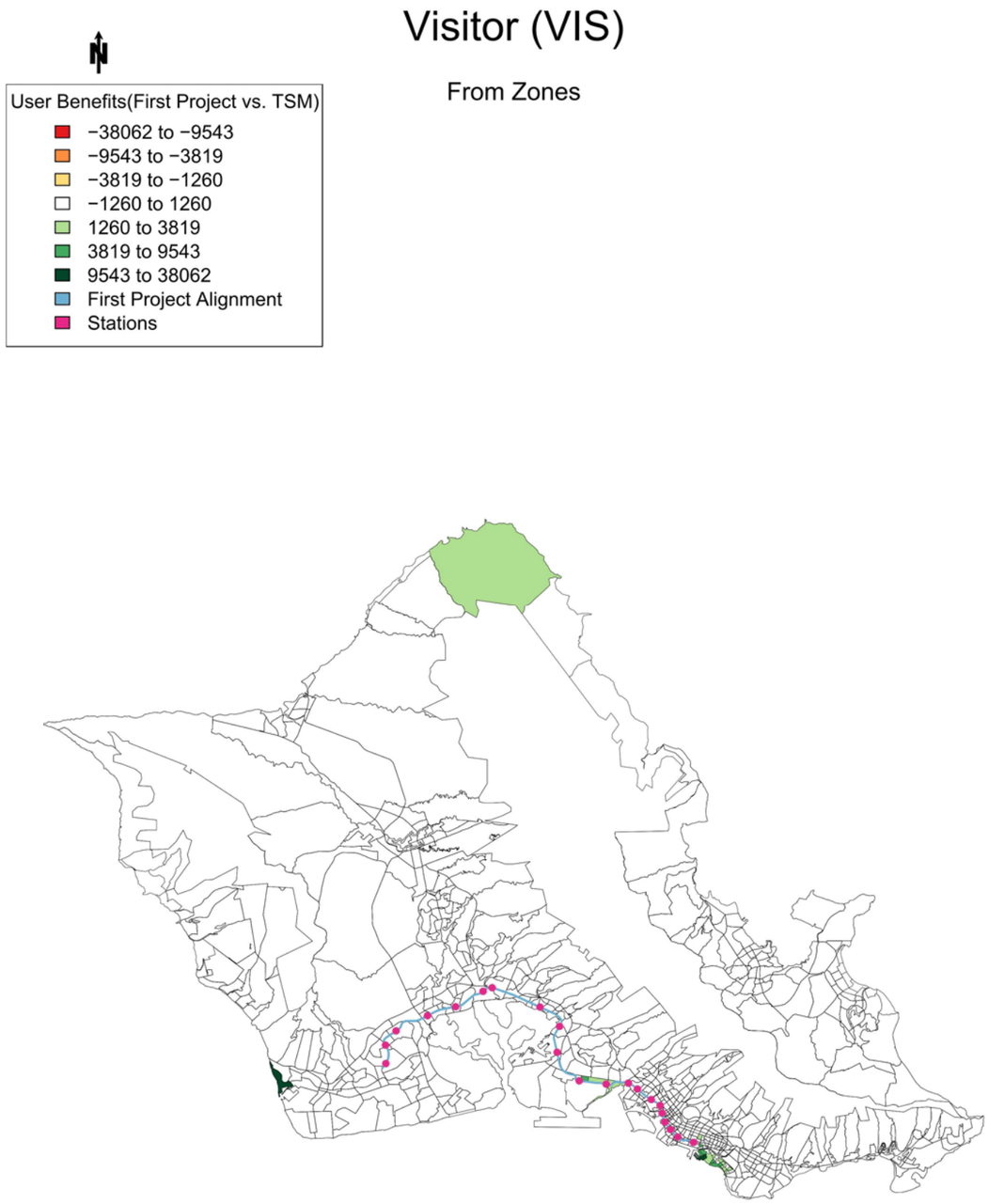

Figure 5-33. Visitor User Benefits (From Zones)—Project vs. TSM

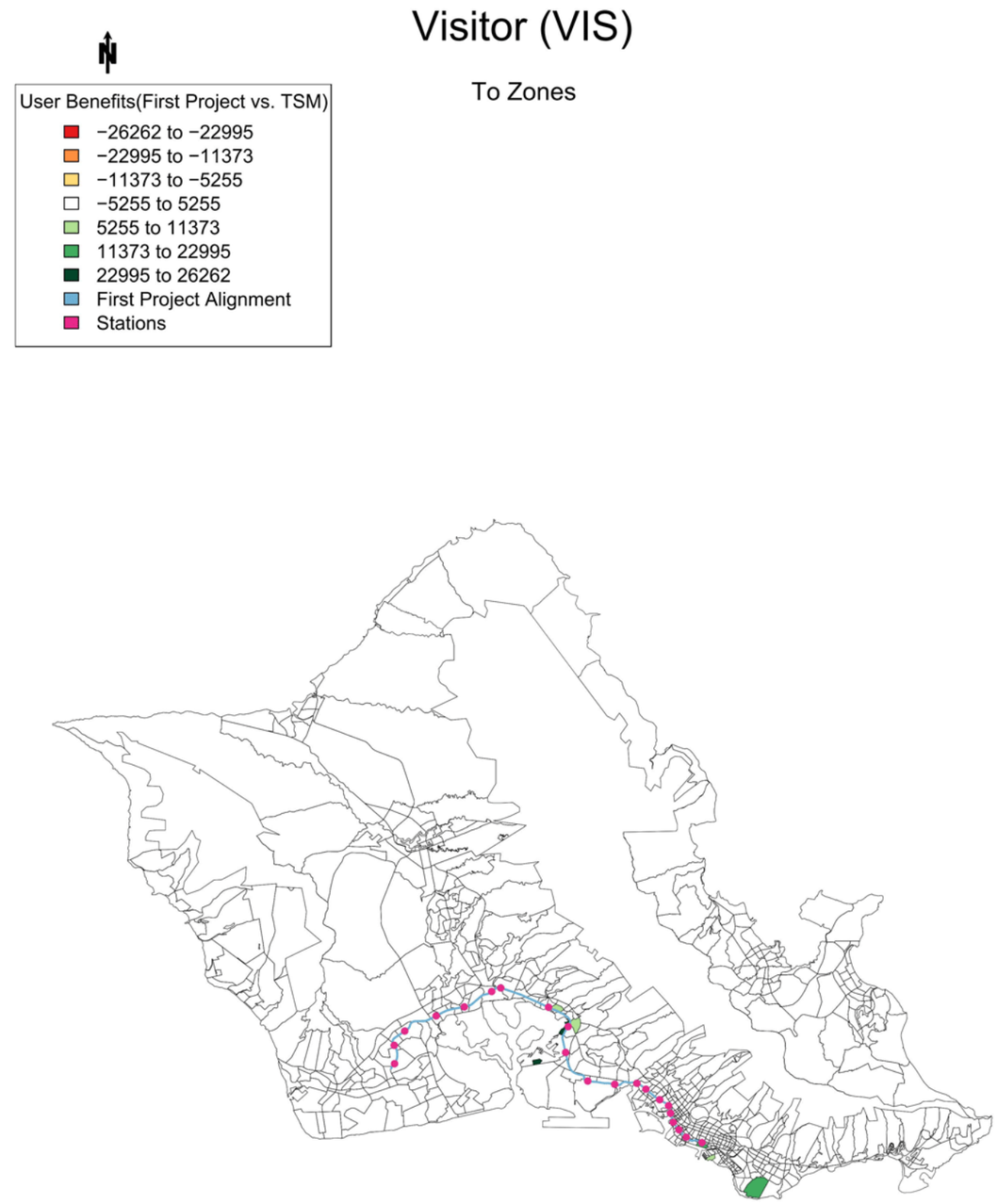

Figure 5-34. Visitor User Benefits (To Zones)—Project vs. TSM

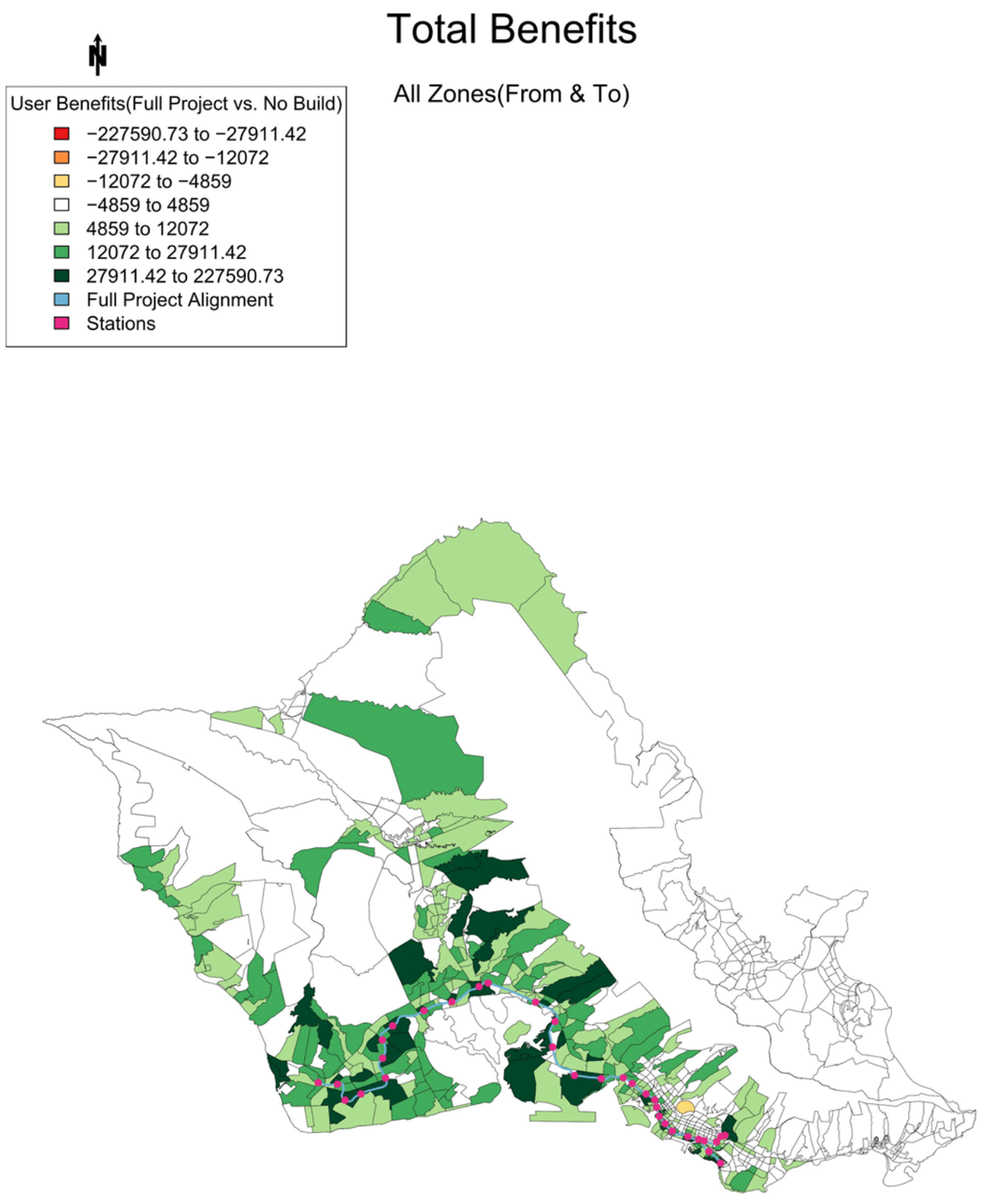

Figure 5-35. Total User Benefits (Froms + Tos)—Project plus planned extensions vs. No Build

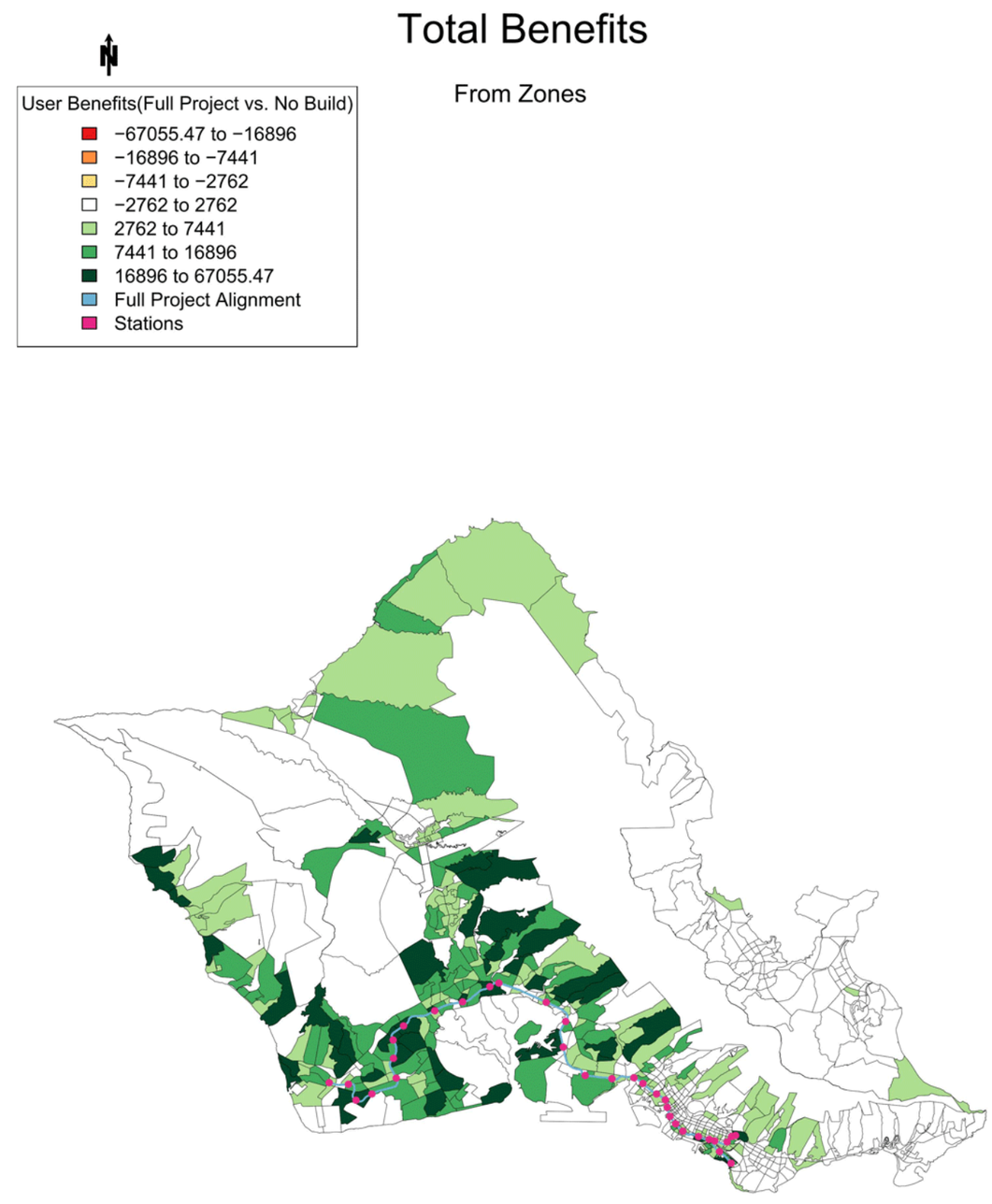

Figure 5-36. Total User Benefits (From Zones)—Project plus planned extensions vs. No Build

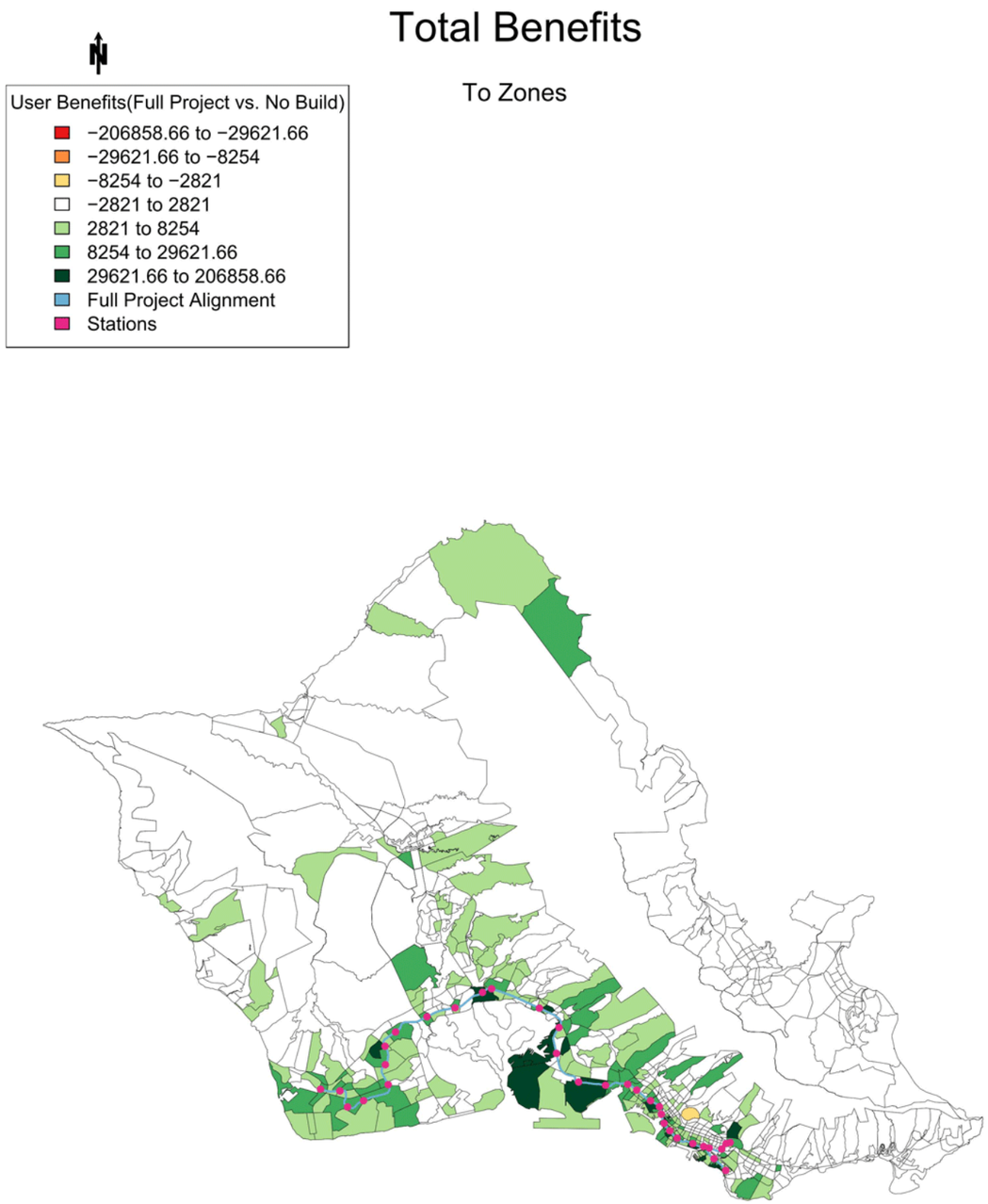

Figure 5-37. Total User Benefits (To Zones)—Project plus planned extensions vs. No Build

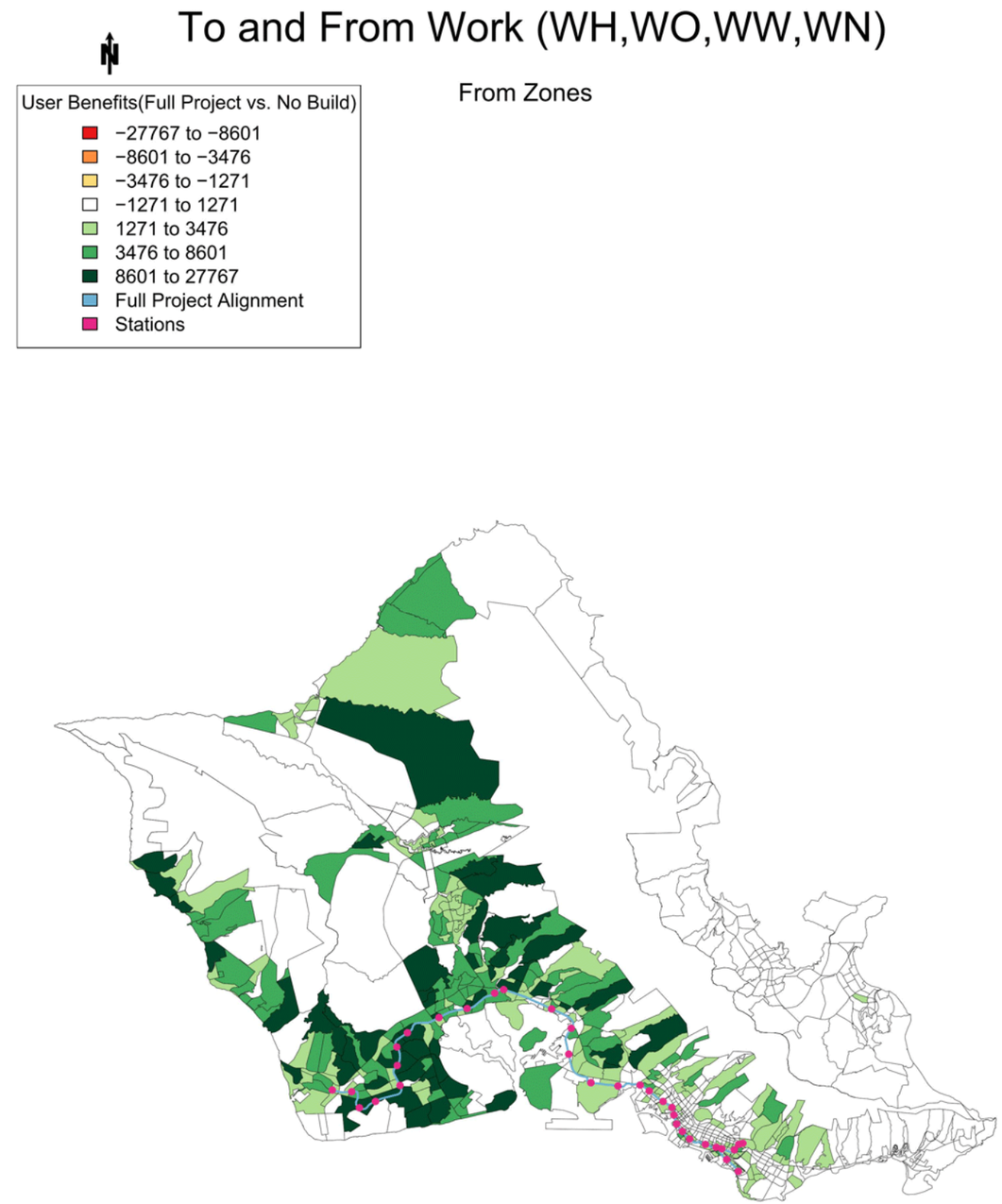

Figure 5-38. To and From Work User Benefits (From Zones)—Project plus planned extensions vs. No Build

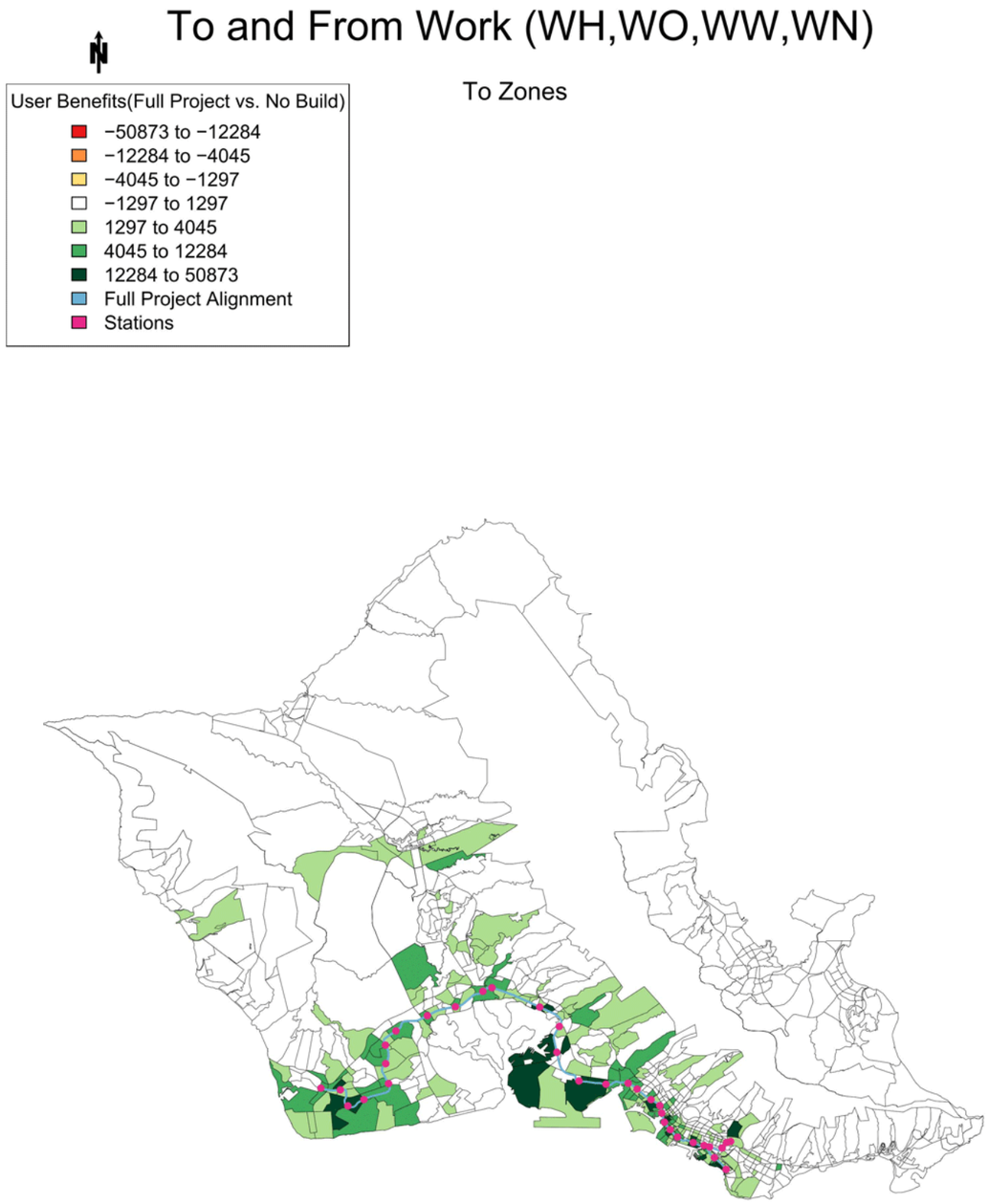

Figure 5-39. To and From Work User Benefits (To Zones)—Project plus planned extensions vs. No Build

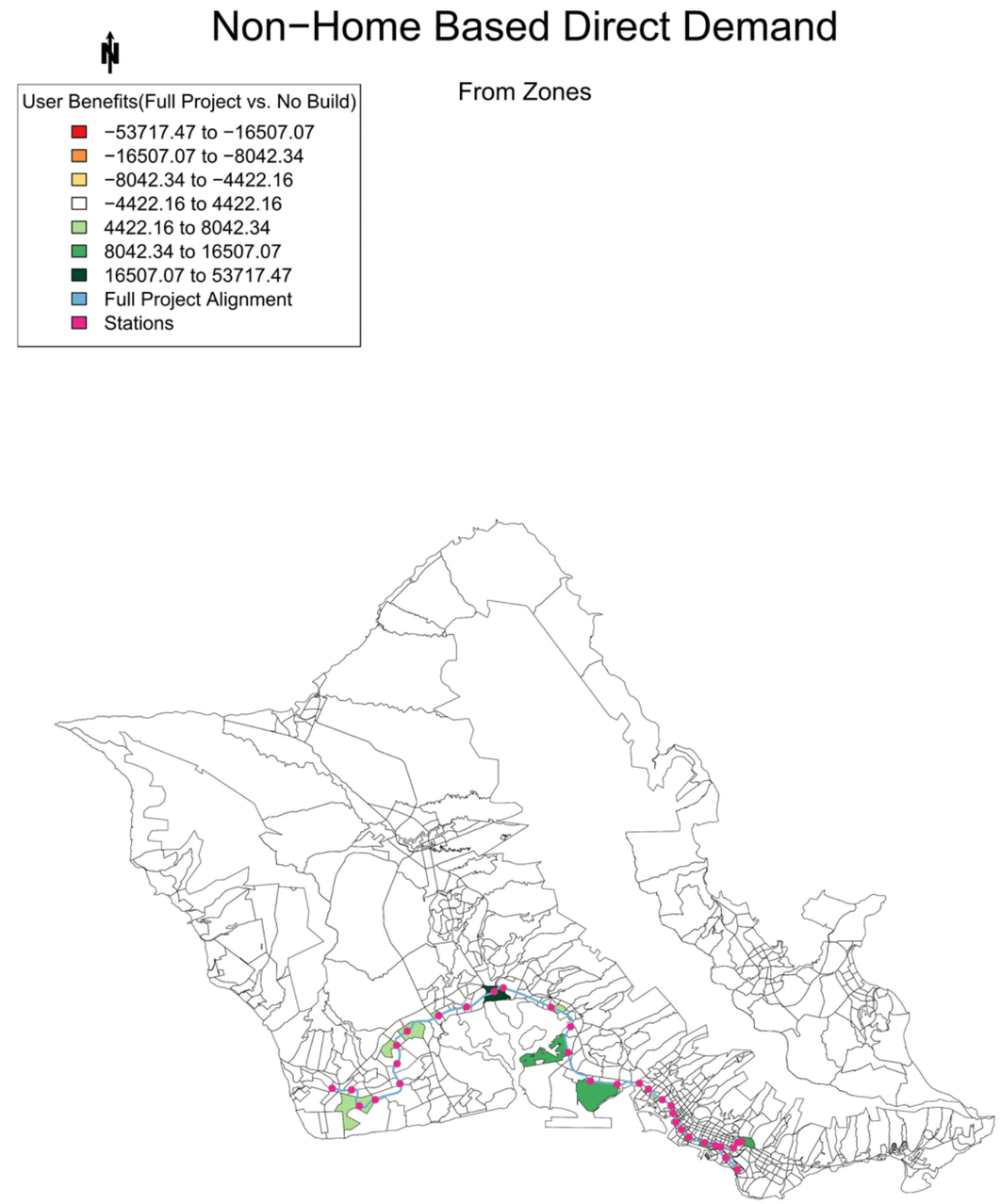

Figure 5-40. Non-Home Based Direct Demand User Benefits (From Zones)—Project plus planned extensions vs. No Build

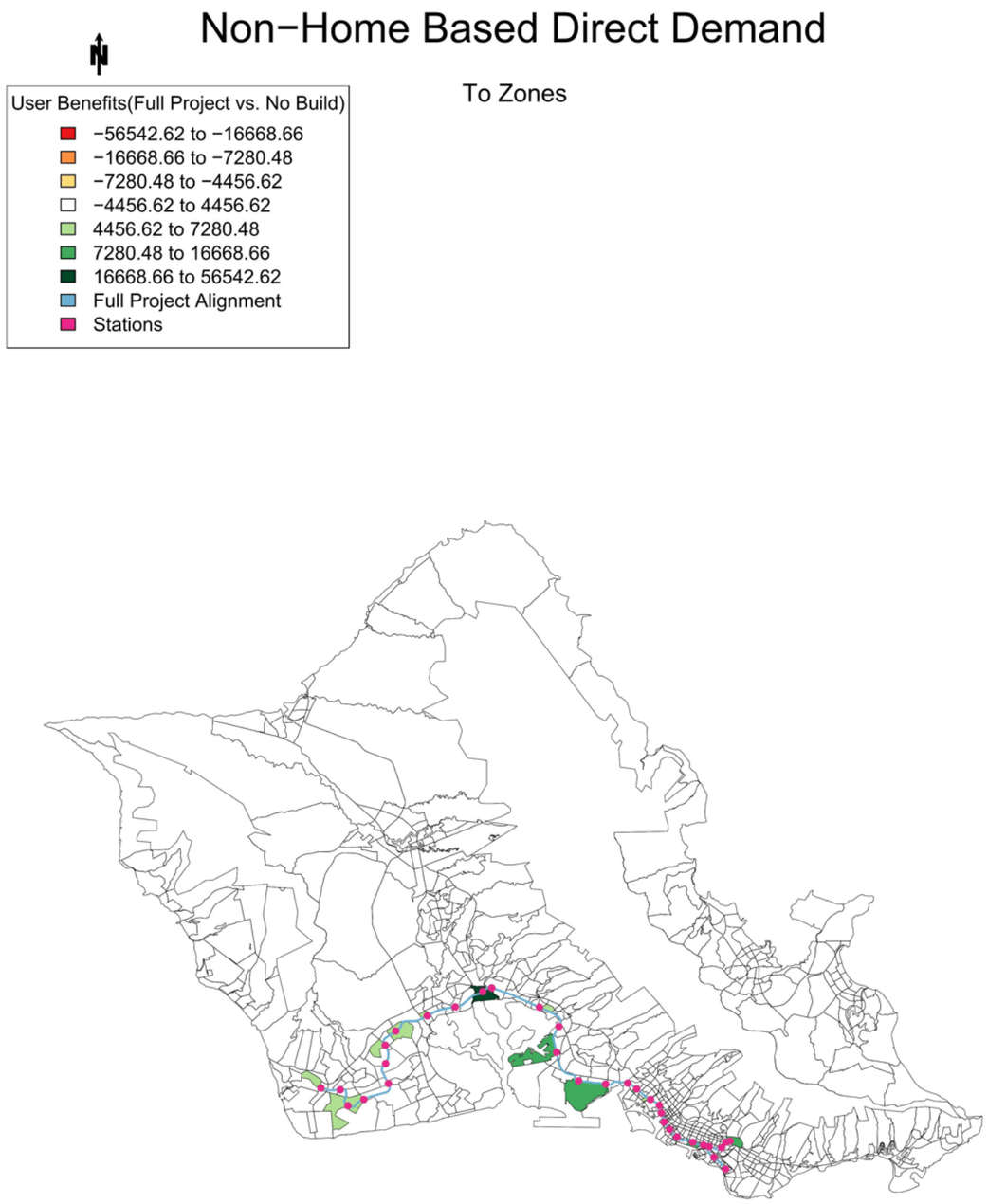

Figure 5-41. Non-Home Based Direct Demand User Benefits (To Zones)—Project plus planned extensions vs. No Build

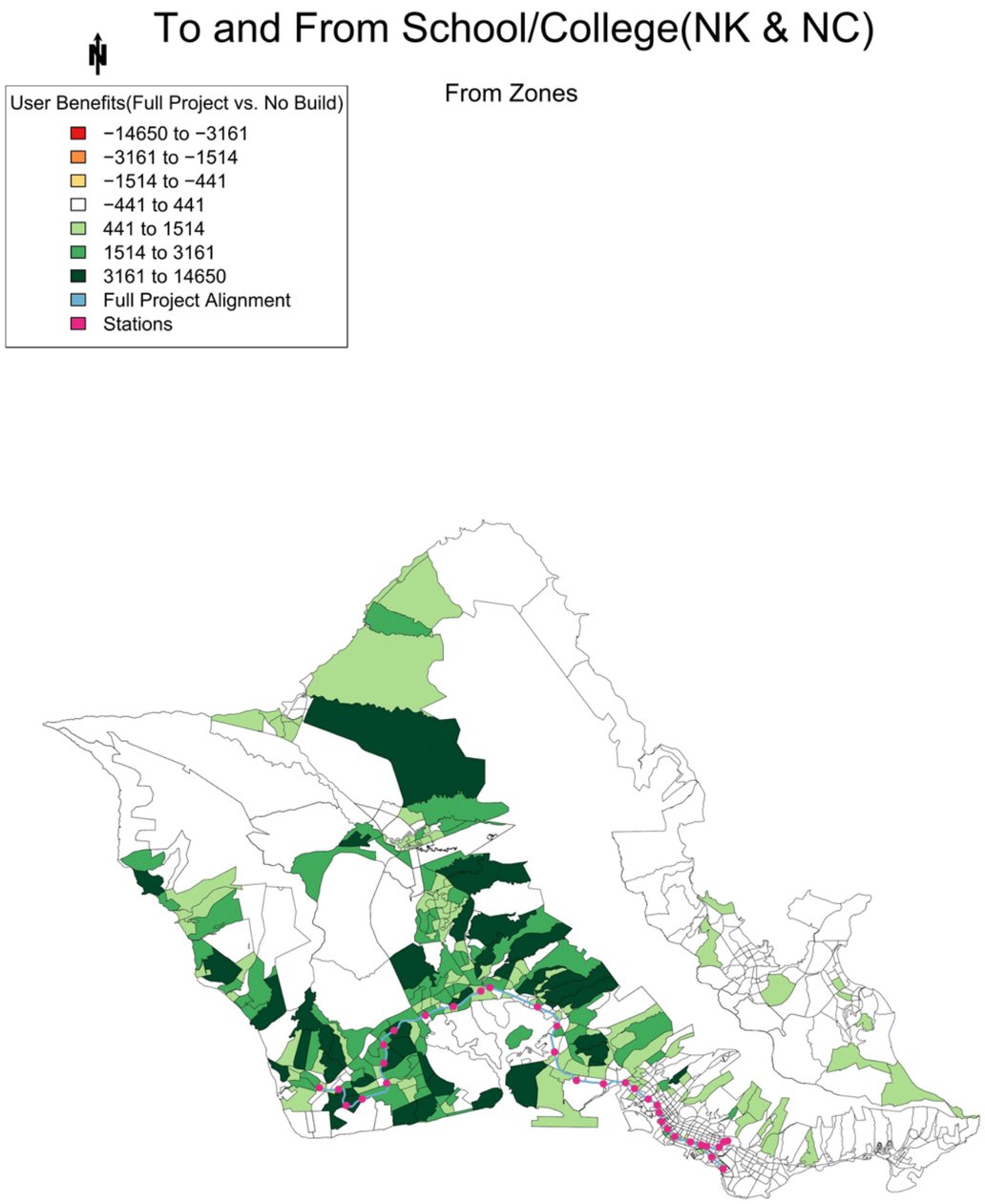

Figure 5-42. To and From School/College User Benefits (From Zones)—Project plus planned extensions vs. No Build

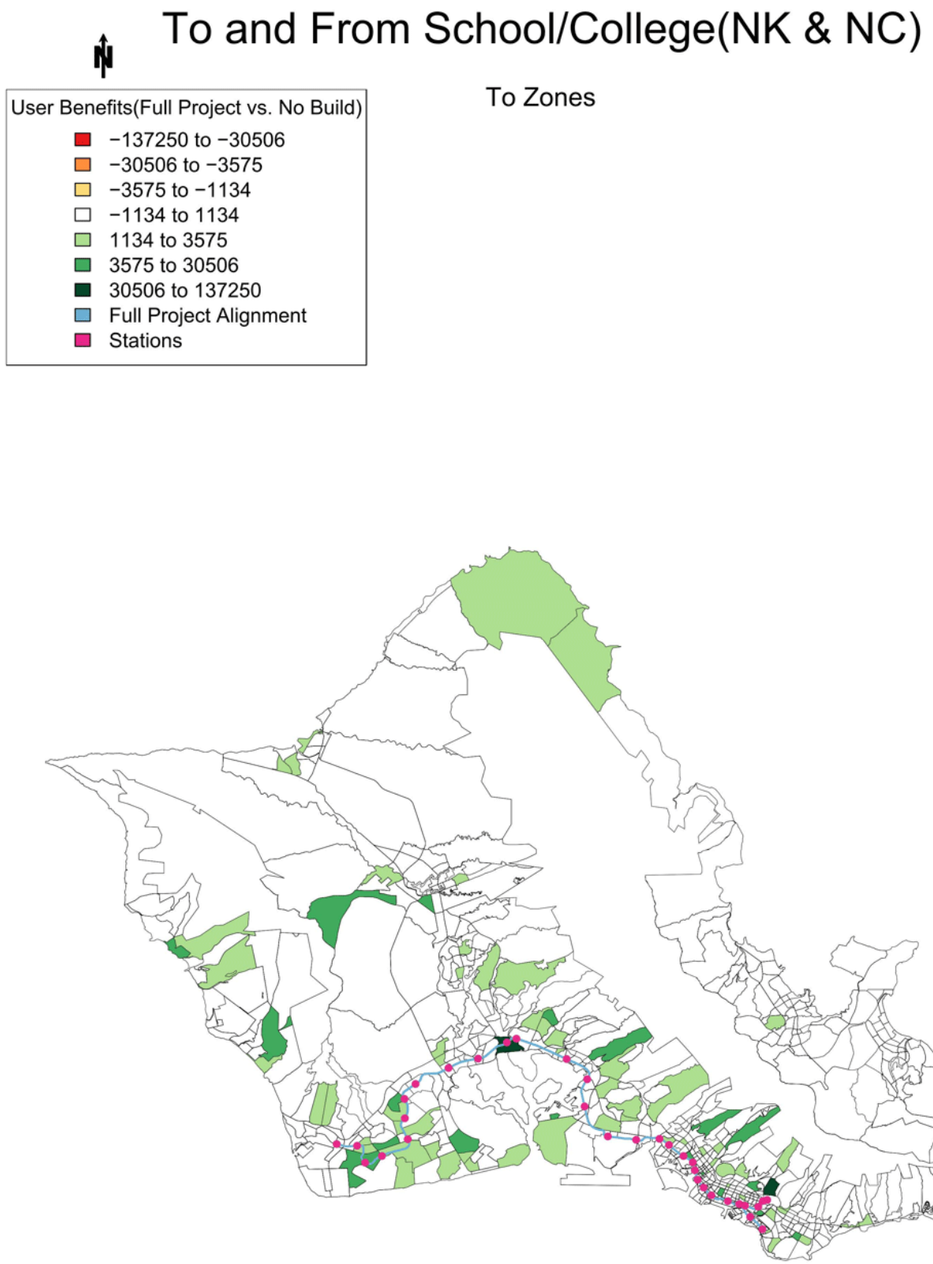

Figure 5-43. To and From School/College User Benefits (To Zones)—Project plus planned extensions vs. No Build

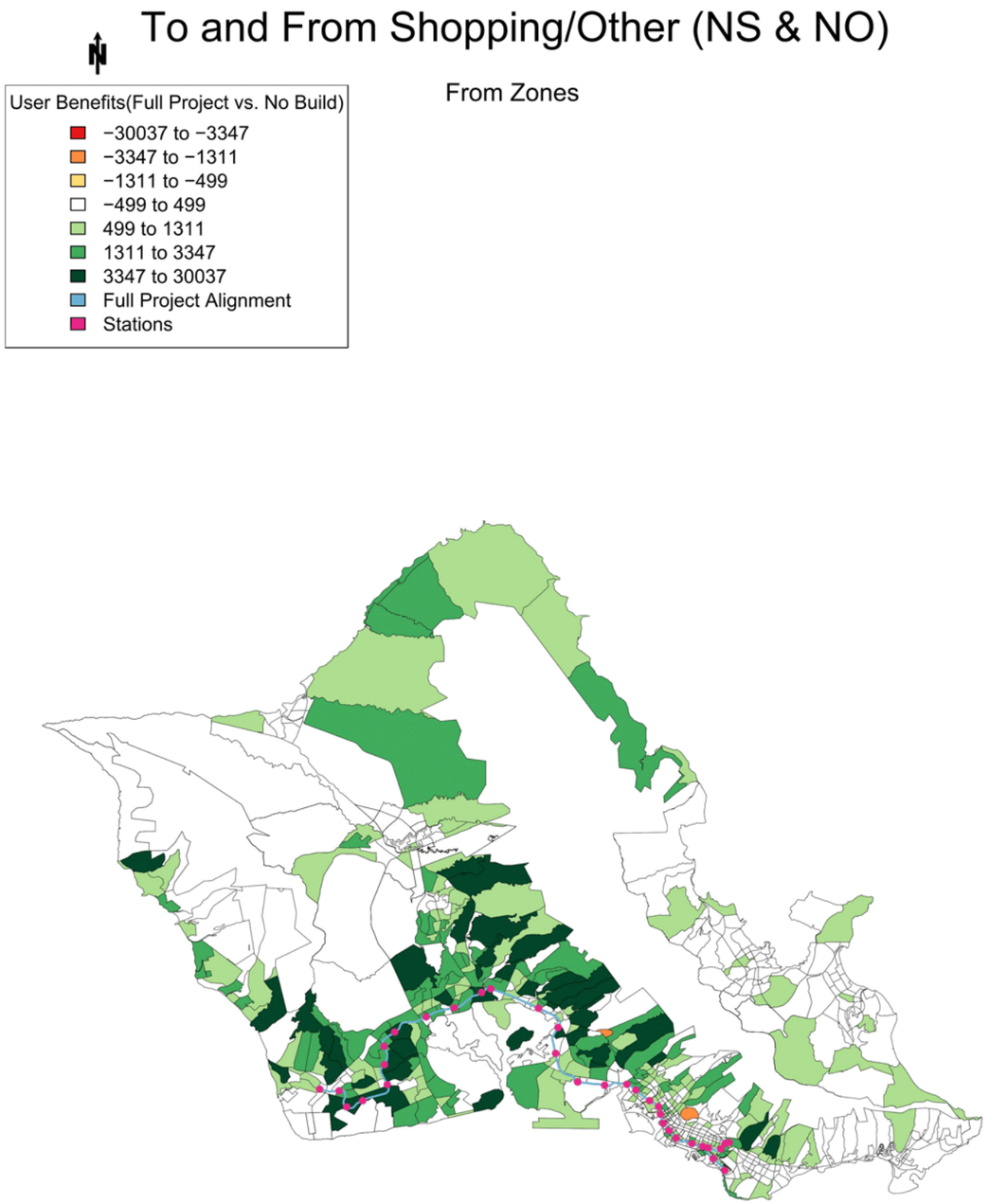

Figure 5-44. To and From Shopping/Other User Benefits (From Zones)—Project plus planned extensions vs. No Build

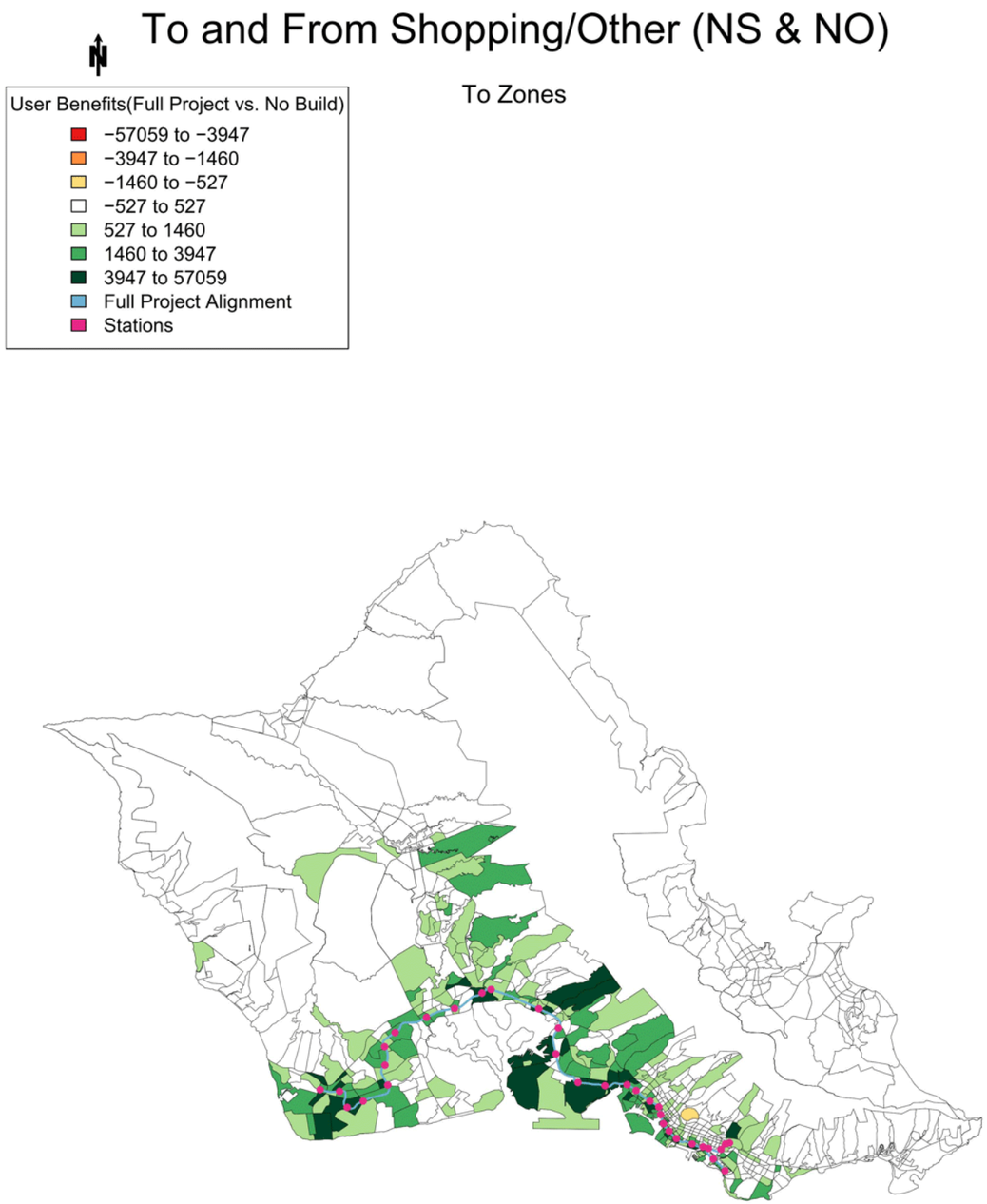

Figure 5-45. To and From Shopping/Other User Benefits (To Zones)—Project plus planned extensions vs. No Build

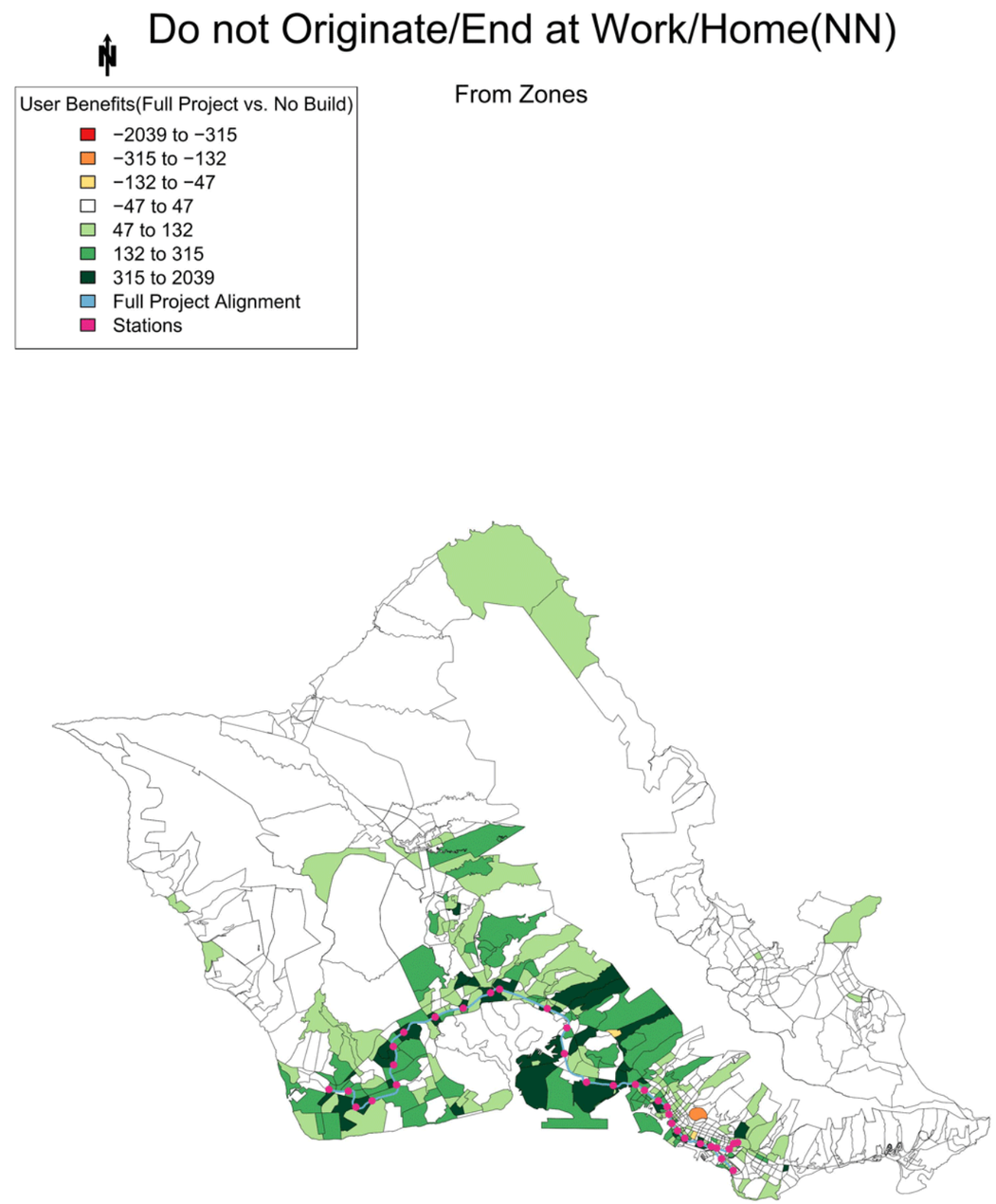

Figure 5-46. Do not Originate/End at Work/Home User Benefits (From Zones)—Project plus planned extensions vs. No Build

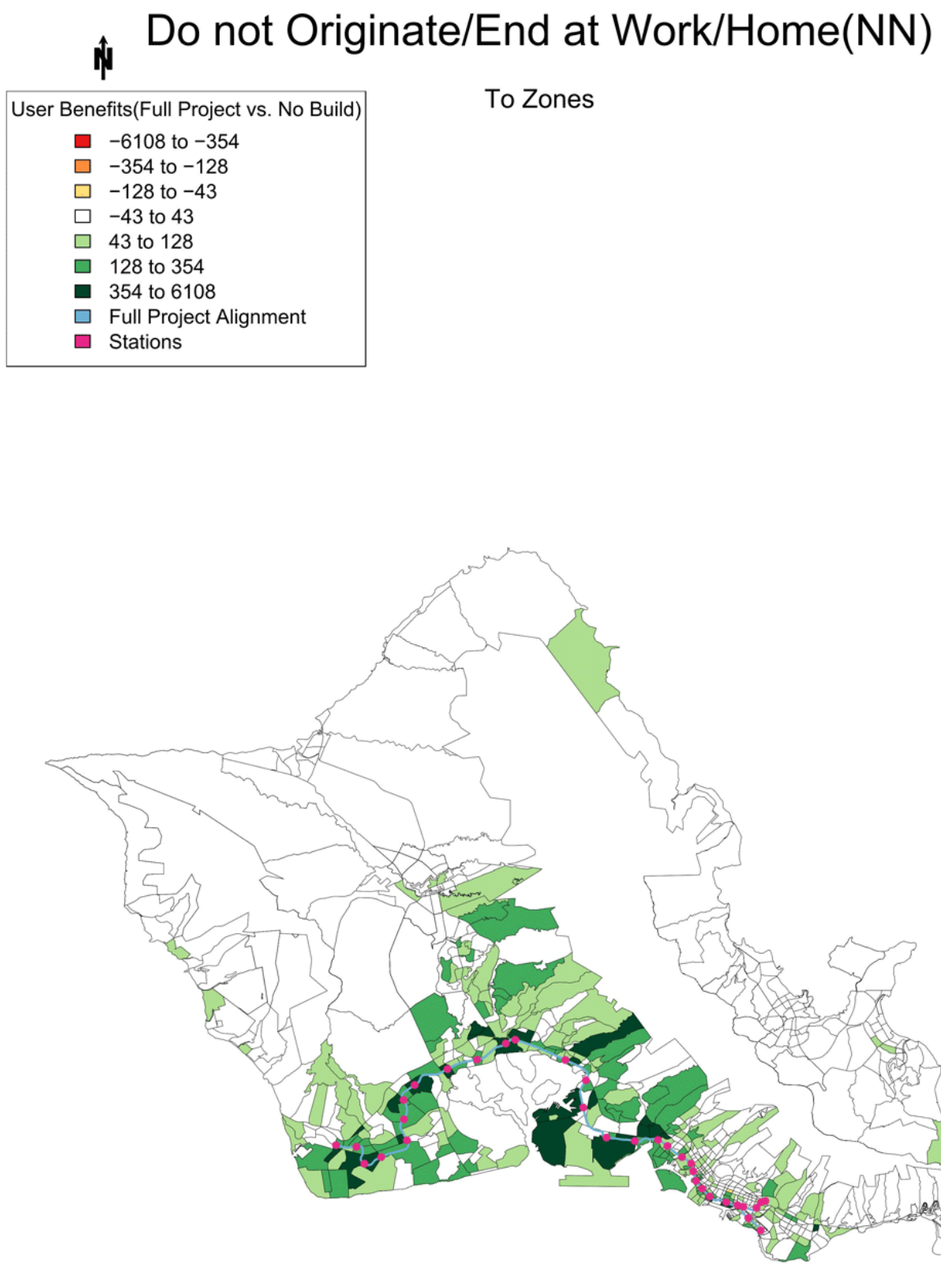

Figure 5-47. Do not Originate/End at Work/Home User Benefits (To Zones)—Project plus planned extensions vs. No Build

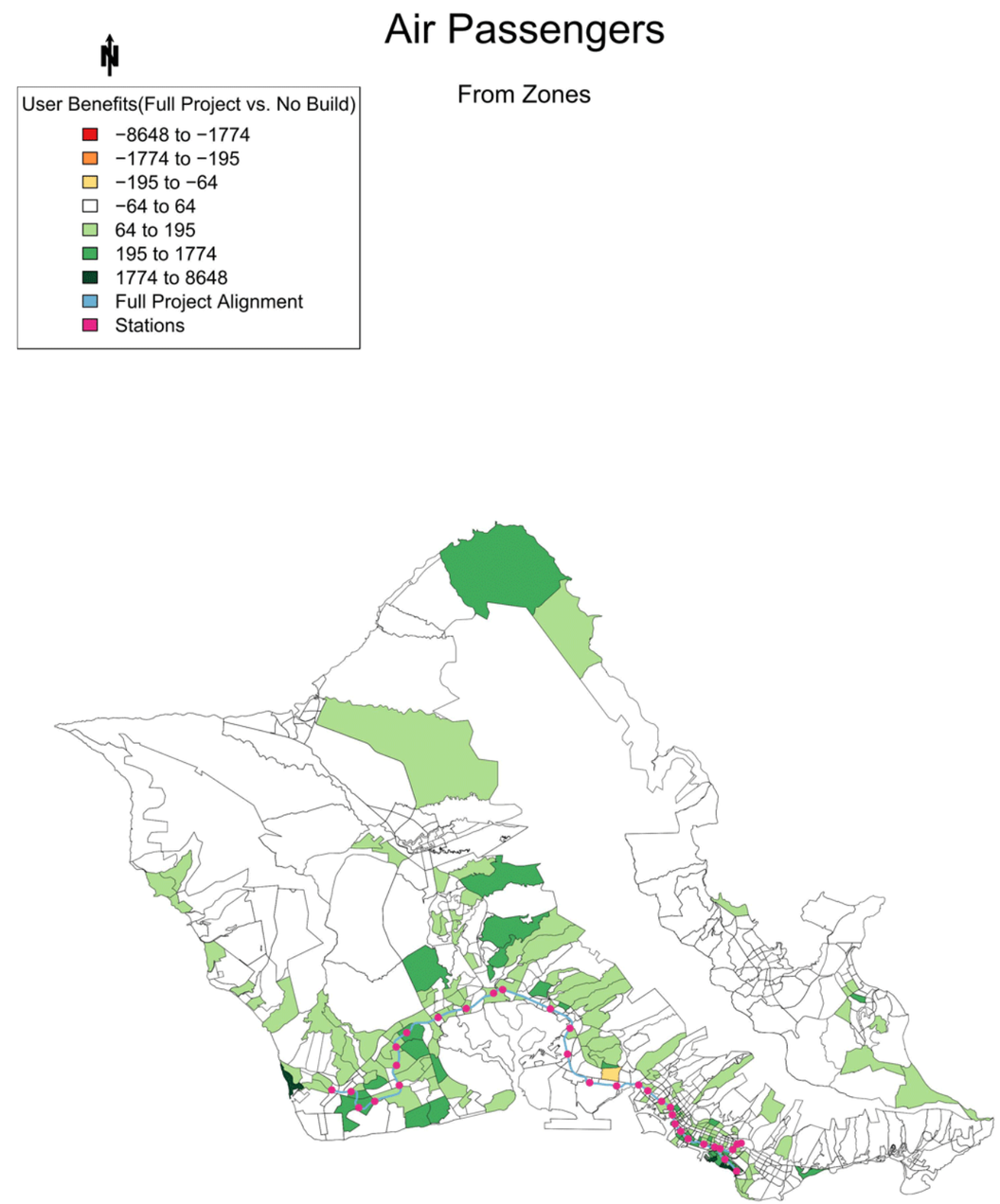

Figure 5-48. Ground Access Air Passenger User Benefits (From Zones)—Project plus planned extensions vs. No Build

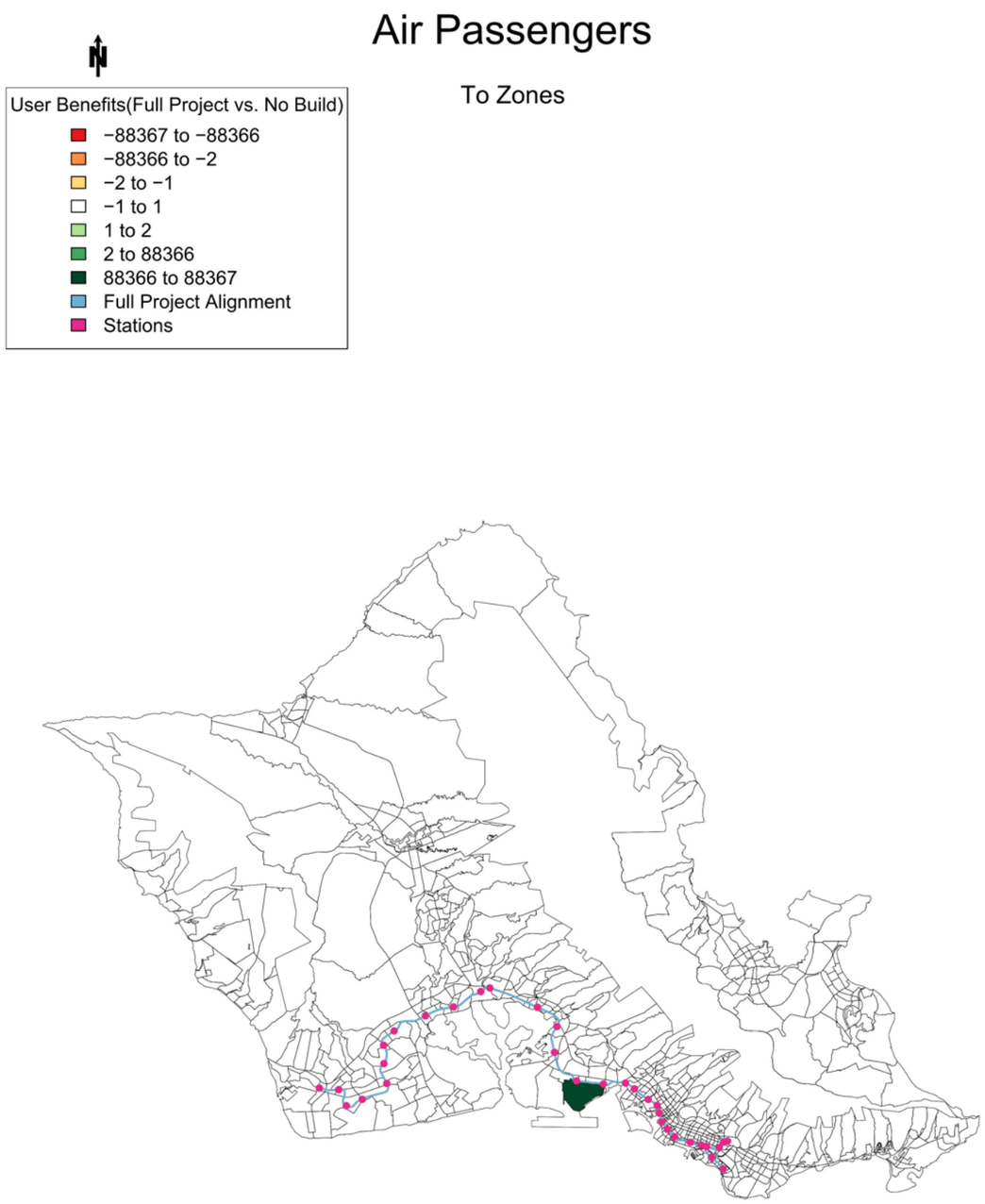

Figure 5-49. Ground Access Air Passenger User Benefits (To Zones)—Project plus planned extensionsvs. No Build

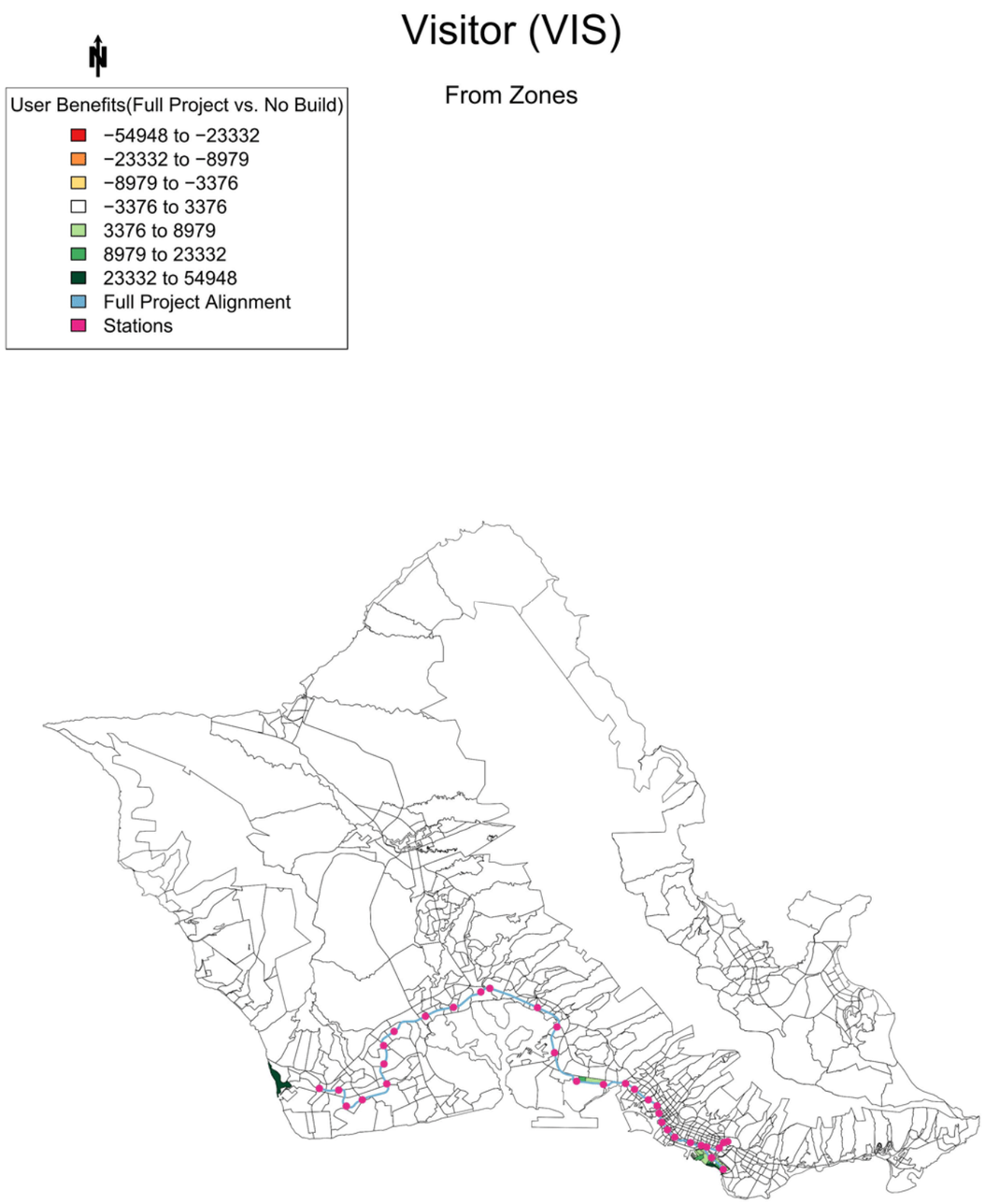

Figure 5-50. Visitor User Benefits (From Zones)—Project plus planned extensions vs. No Build

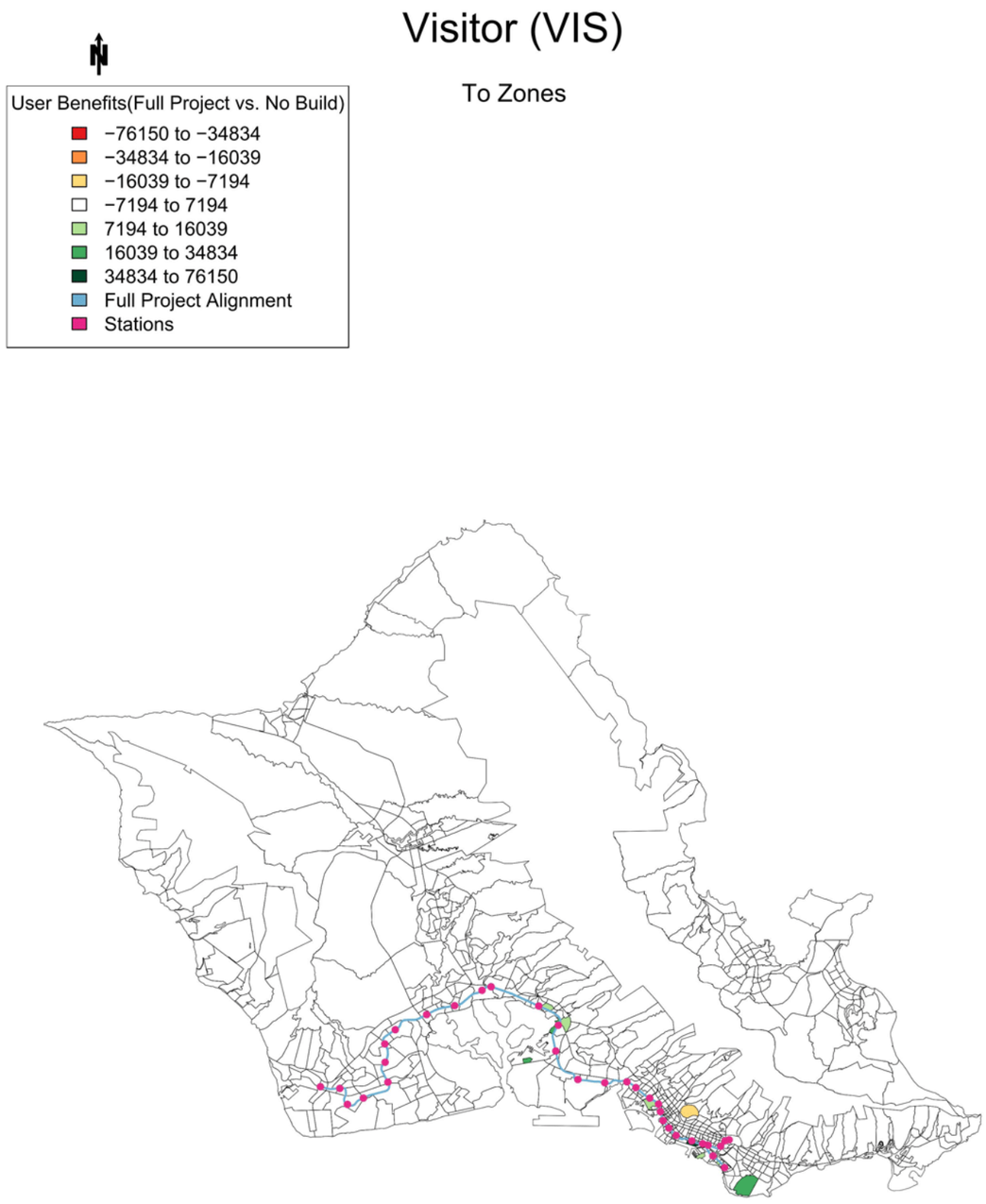

Figure 5-51. Visitor User Benefits (To Zones)—Project plus planned extensions vs. No Build

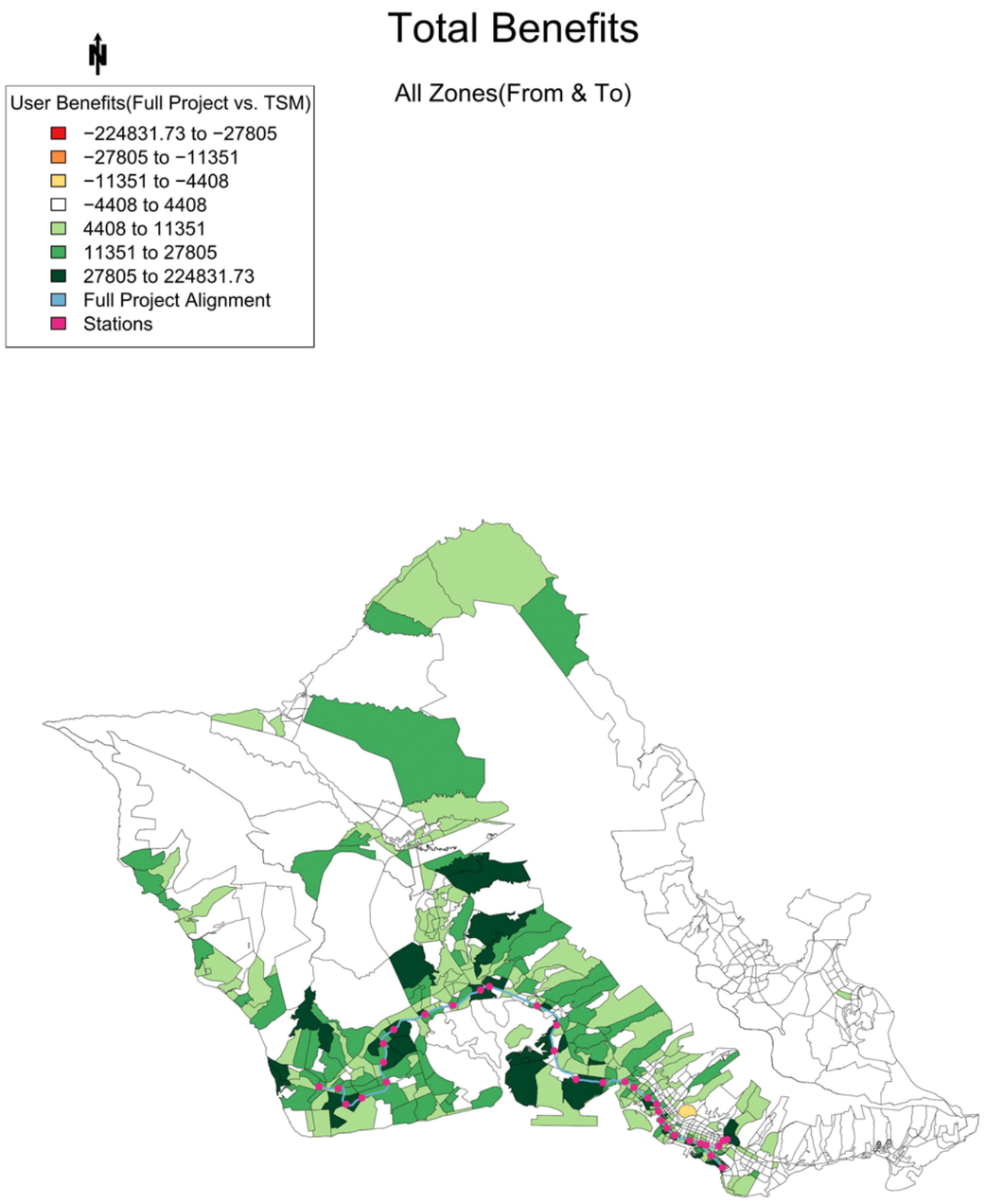

Figure 5-52. Total User Benefits (Froms + Tos)—Project plus planned extensions vs. TSM

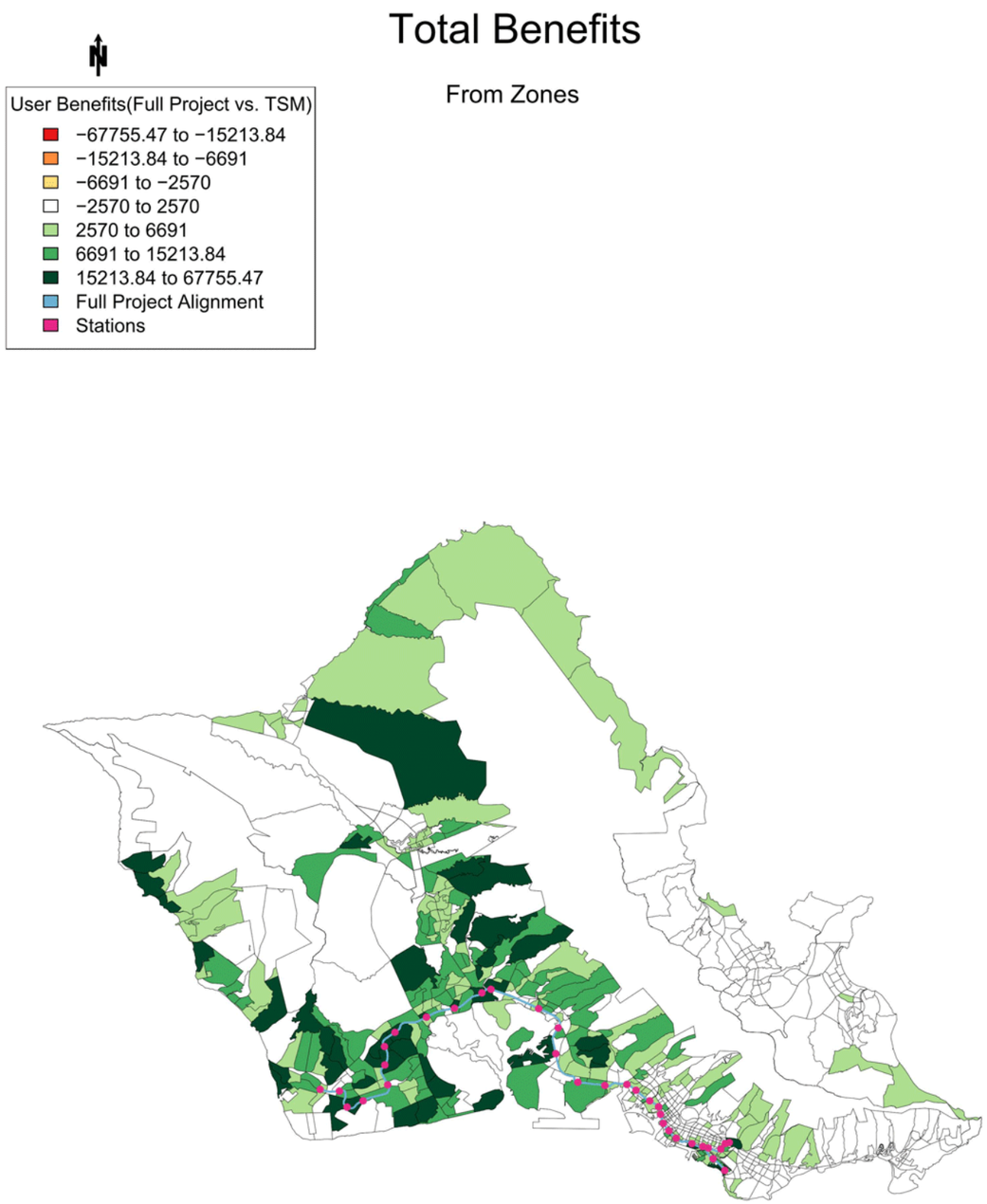

Figure 5-53. Total User Benefits (From Zones)—Project plus planned extensions vs. TSM

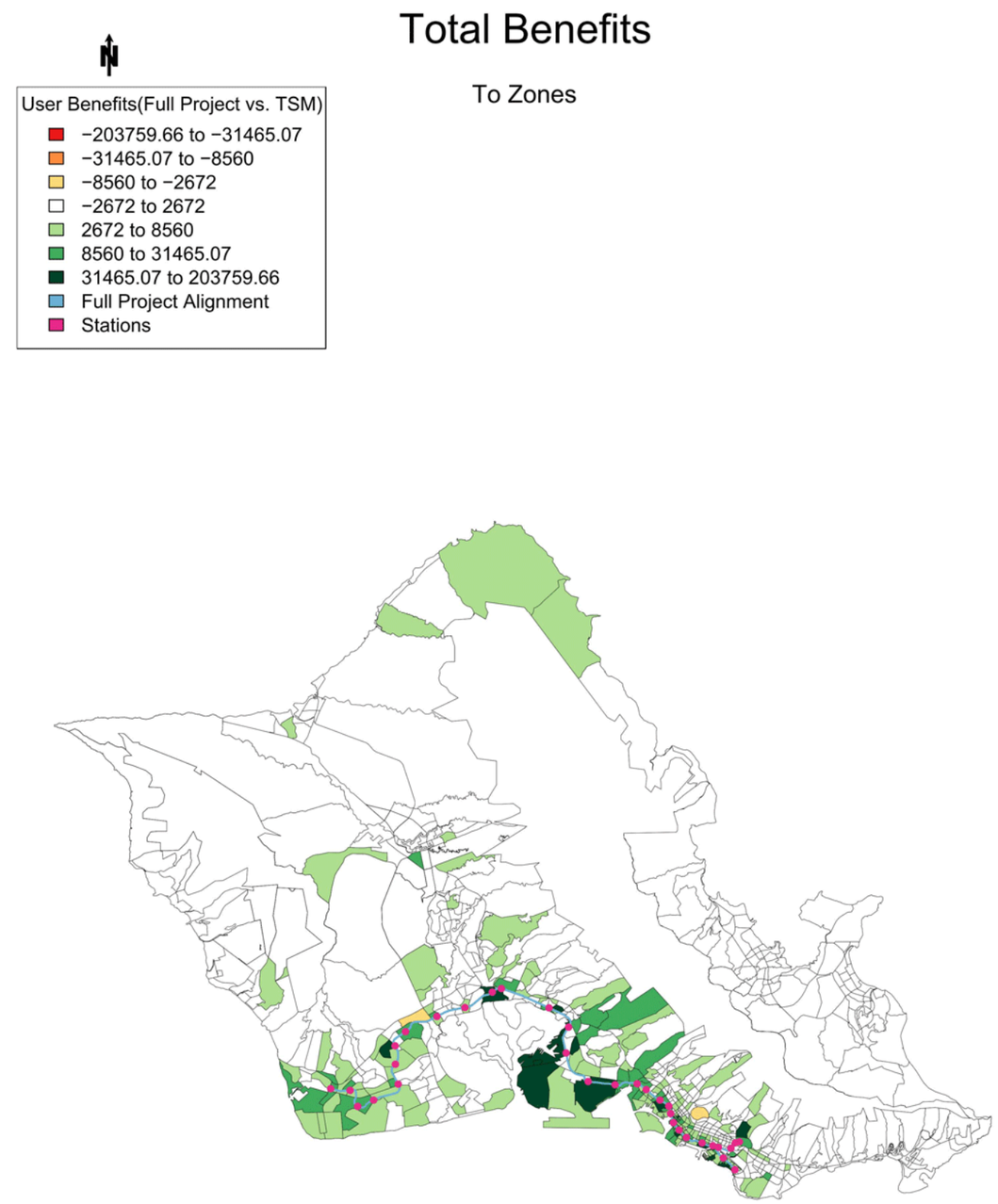

Figure 5-54. Total User Benefits (To Zones)—Project plus planned extensions vs. TSM

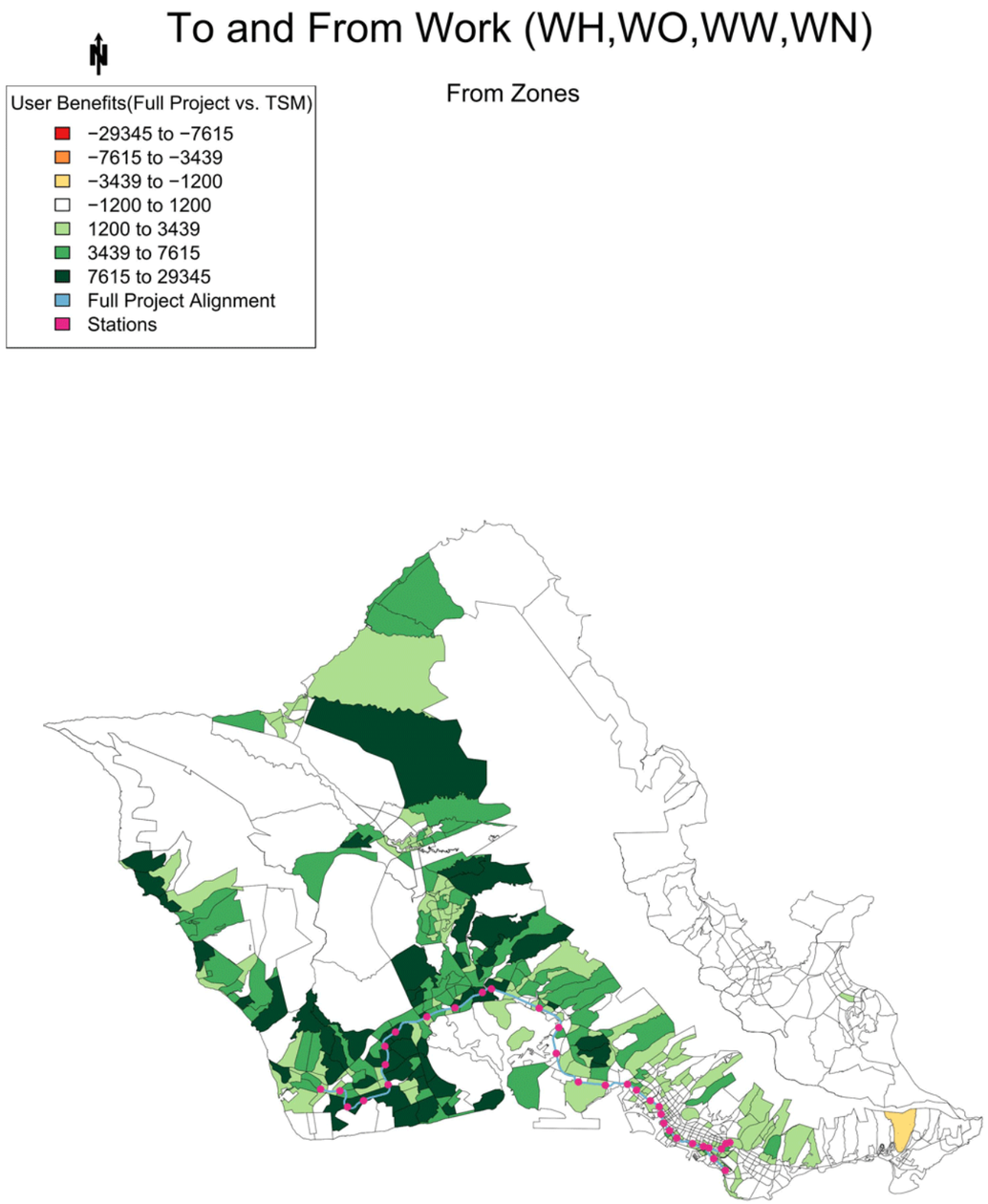

Figure 5-55. To and From Work User Benefits (From Zones)—Project plus planned extensions vs. TSM

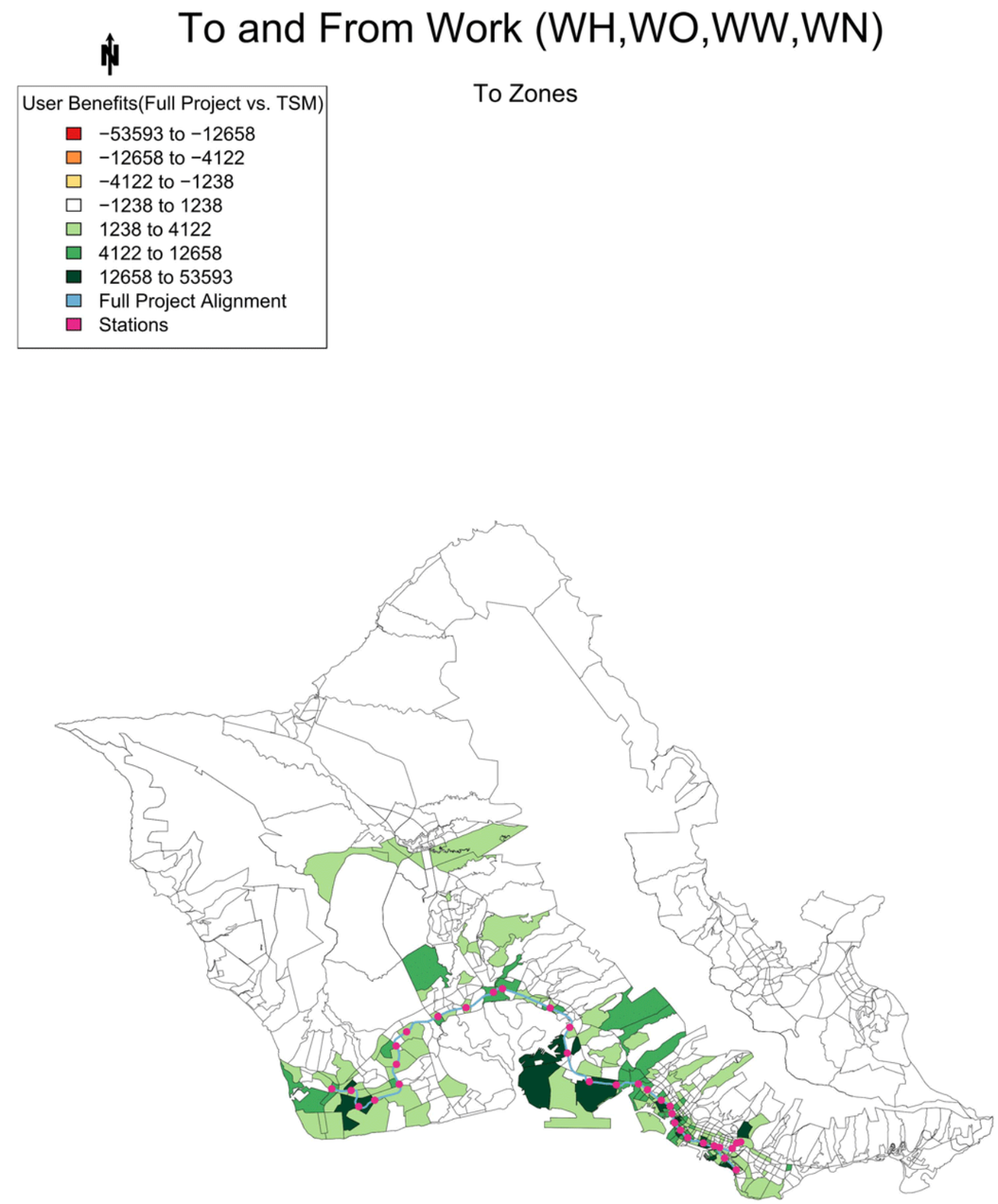

Figure 5-56. To and From Work User Benefits (To Zones)—Project plus planned extensions vs. TSM

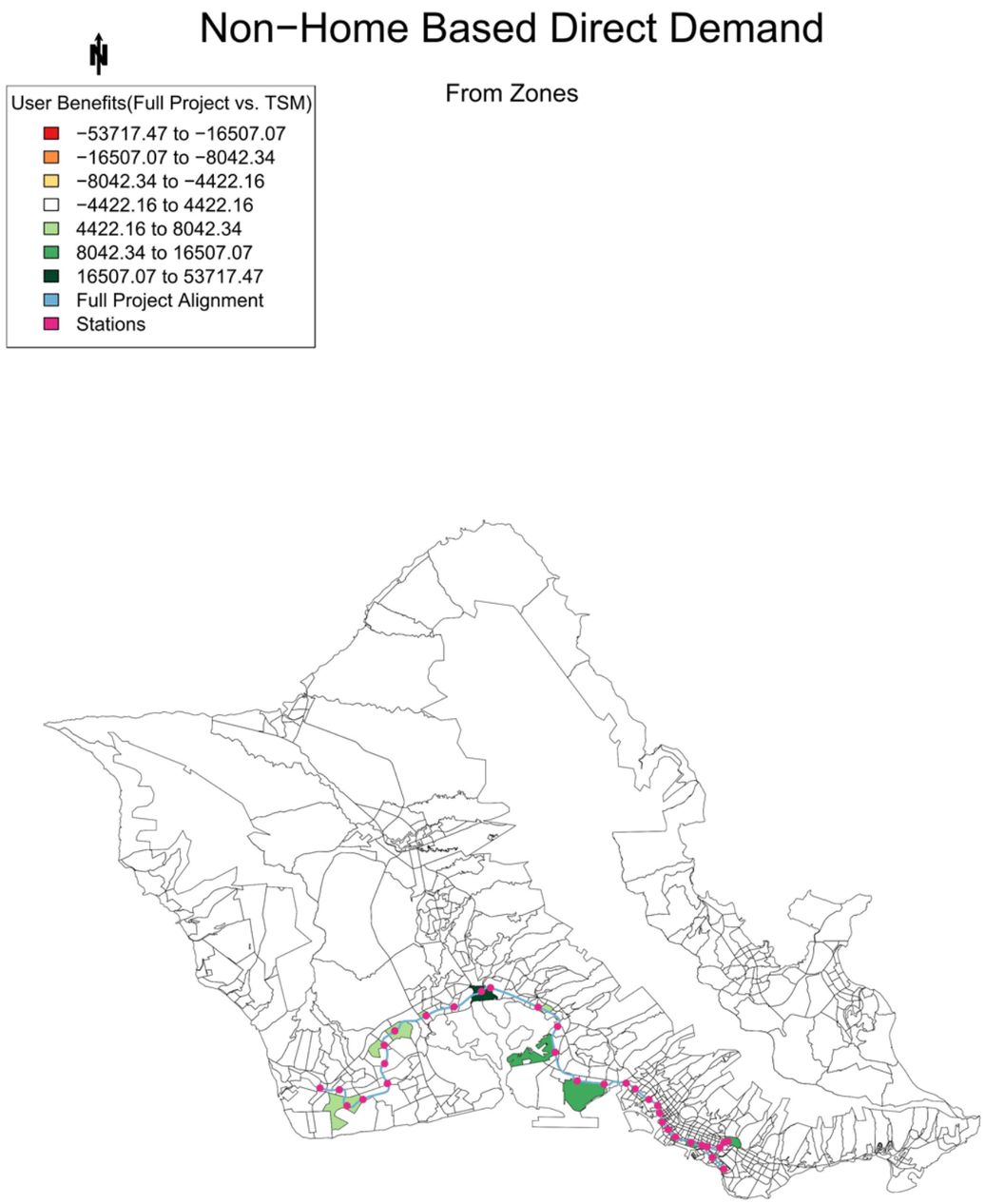

Figure 5-57. Non-Home Based Direct Demand User Benefits (From Zones)—Project plus planned extensions vs. TSM

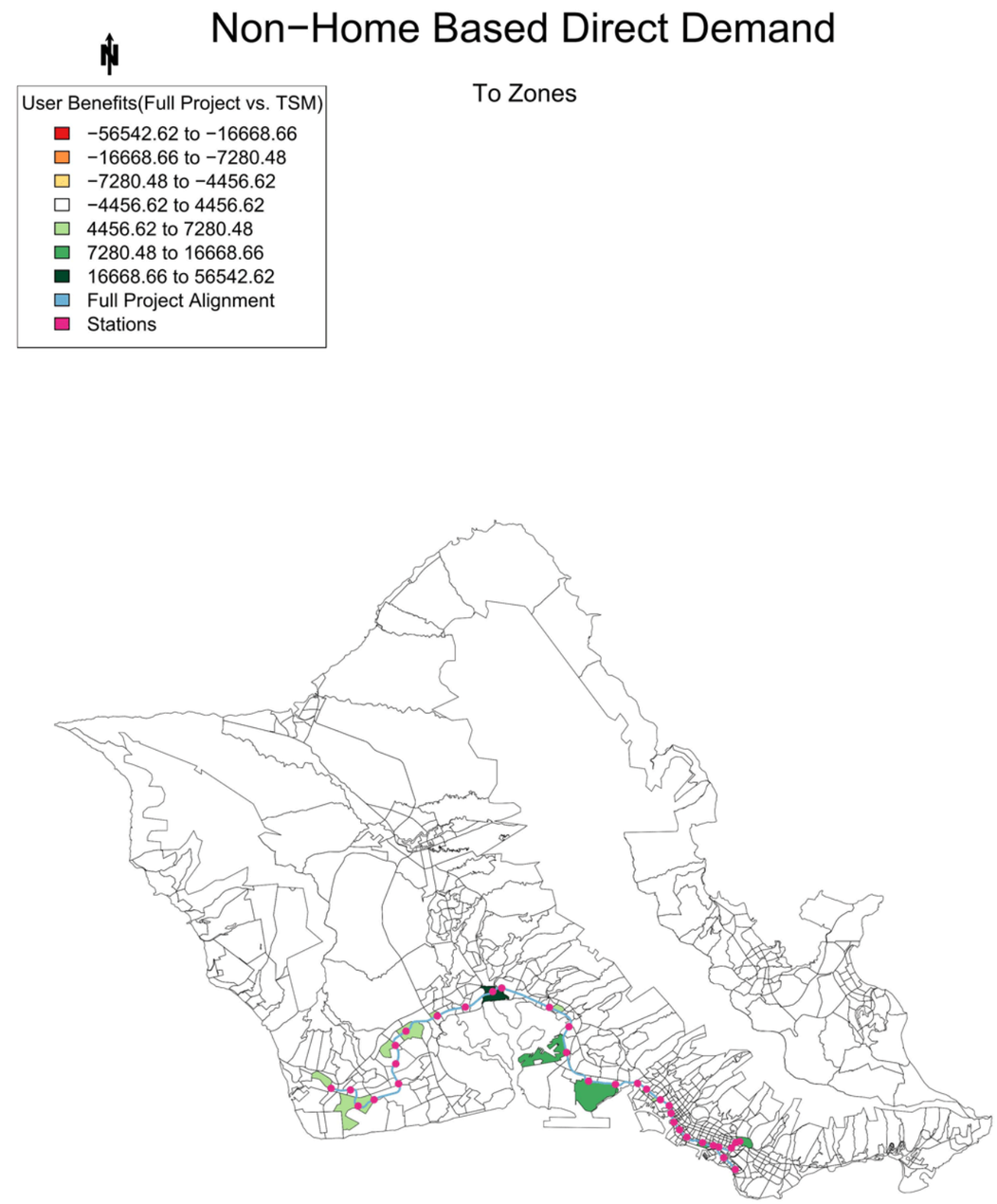

Figure 5-58. Non-Home Based Direct Demand User Benefits (To Zones)—Project plus planned extensions vs. TSM

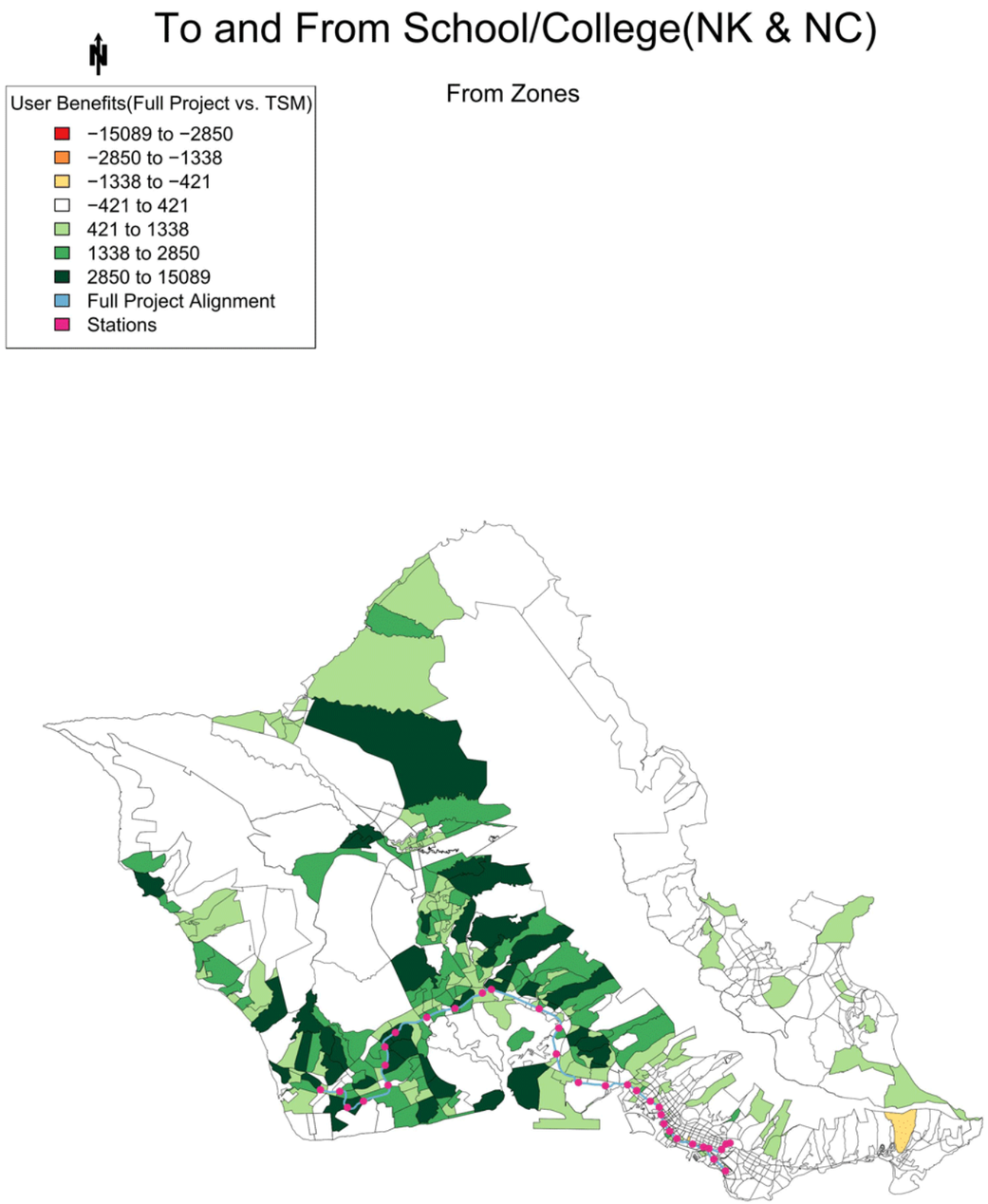

Figure 5-59. To and From School/College User Benefits (From Zones)—Project plus planned extensions vs. TSM

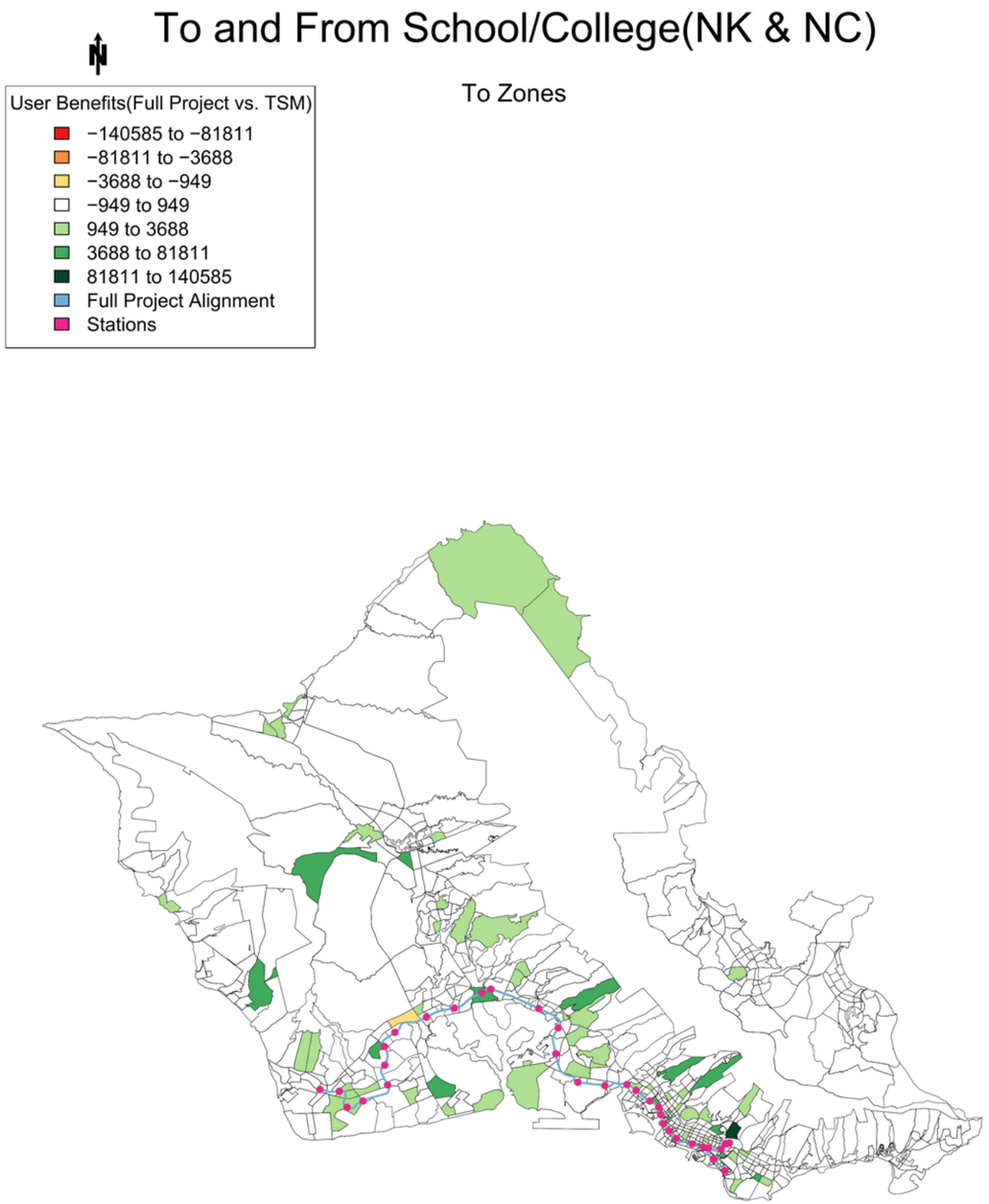

Figure 5-60. To and From School/College User Benefits (To Zones)—Project plus planned extensions vs. TSM

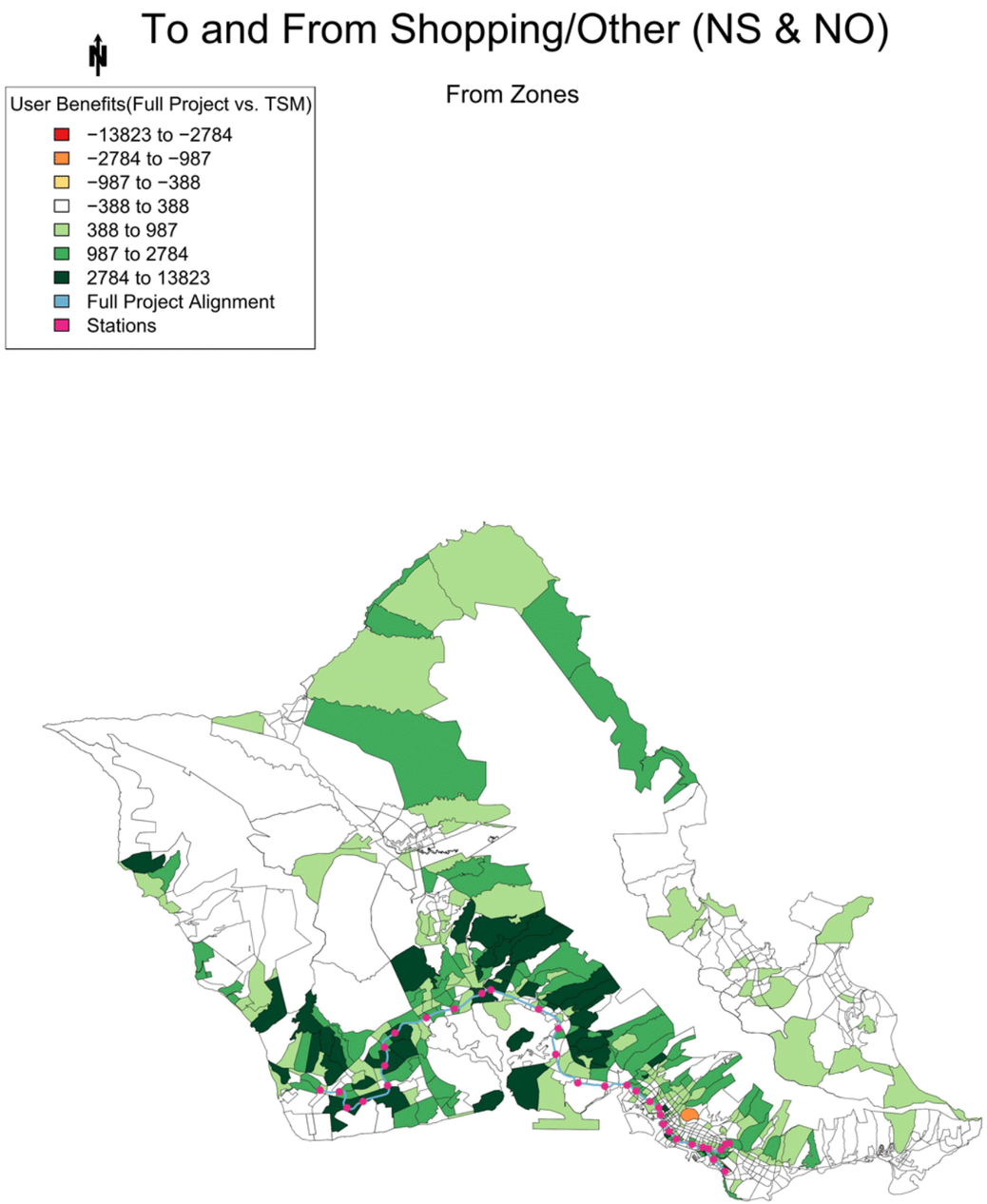

Figure 5-61. To and From Shopping/Other User Benefits (From Zones)—Project plus planned extensions vs. TSM

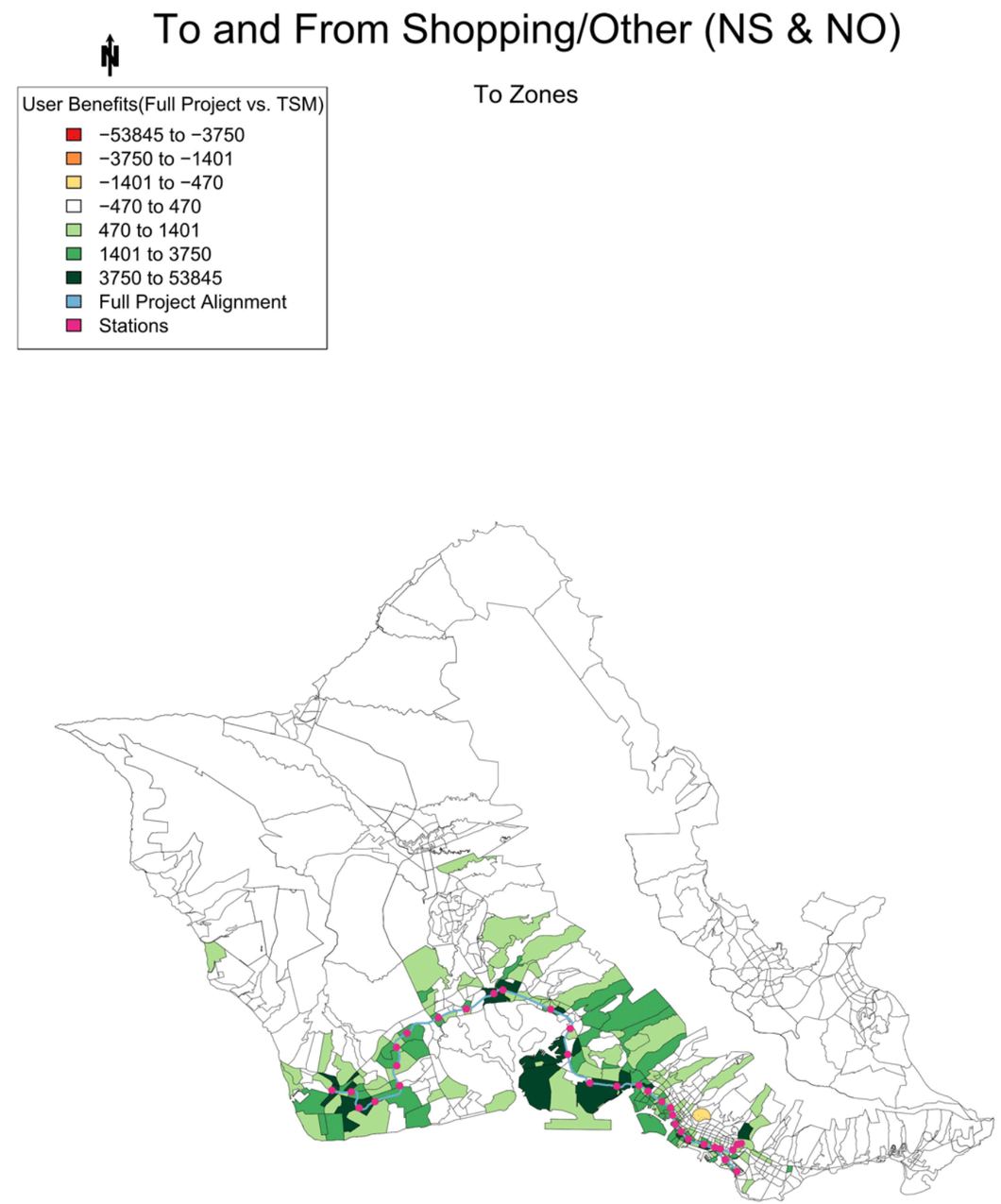

Figure 5-62. To and From Shopping/Other User Benefits (To Zones)—Project plus planned extensions vs. TSM

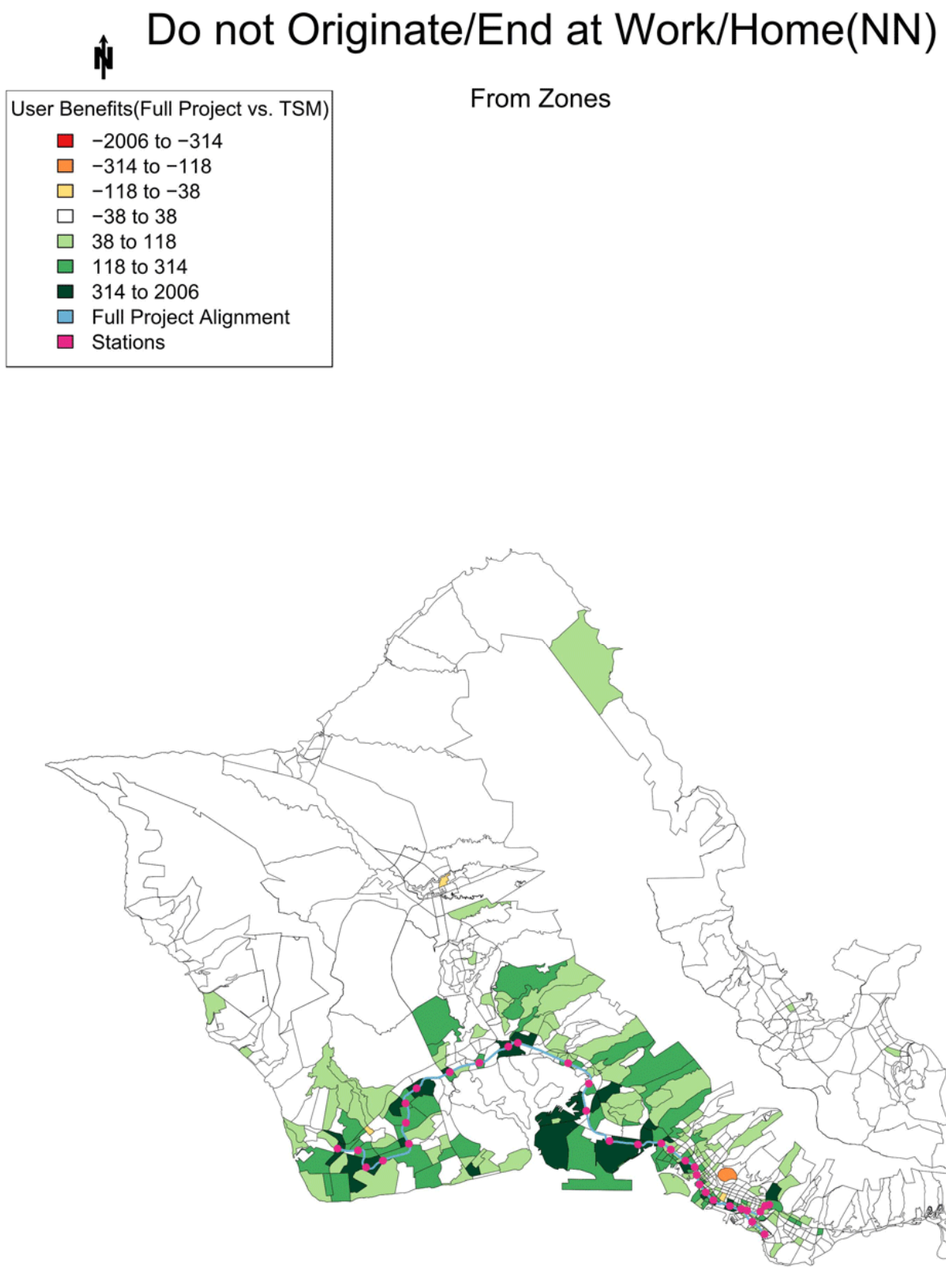

Figure 5-63. Do not Originate/End at Work/Home User Benefits (From Zones)—Project plus planned extensions vs. TSM

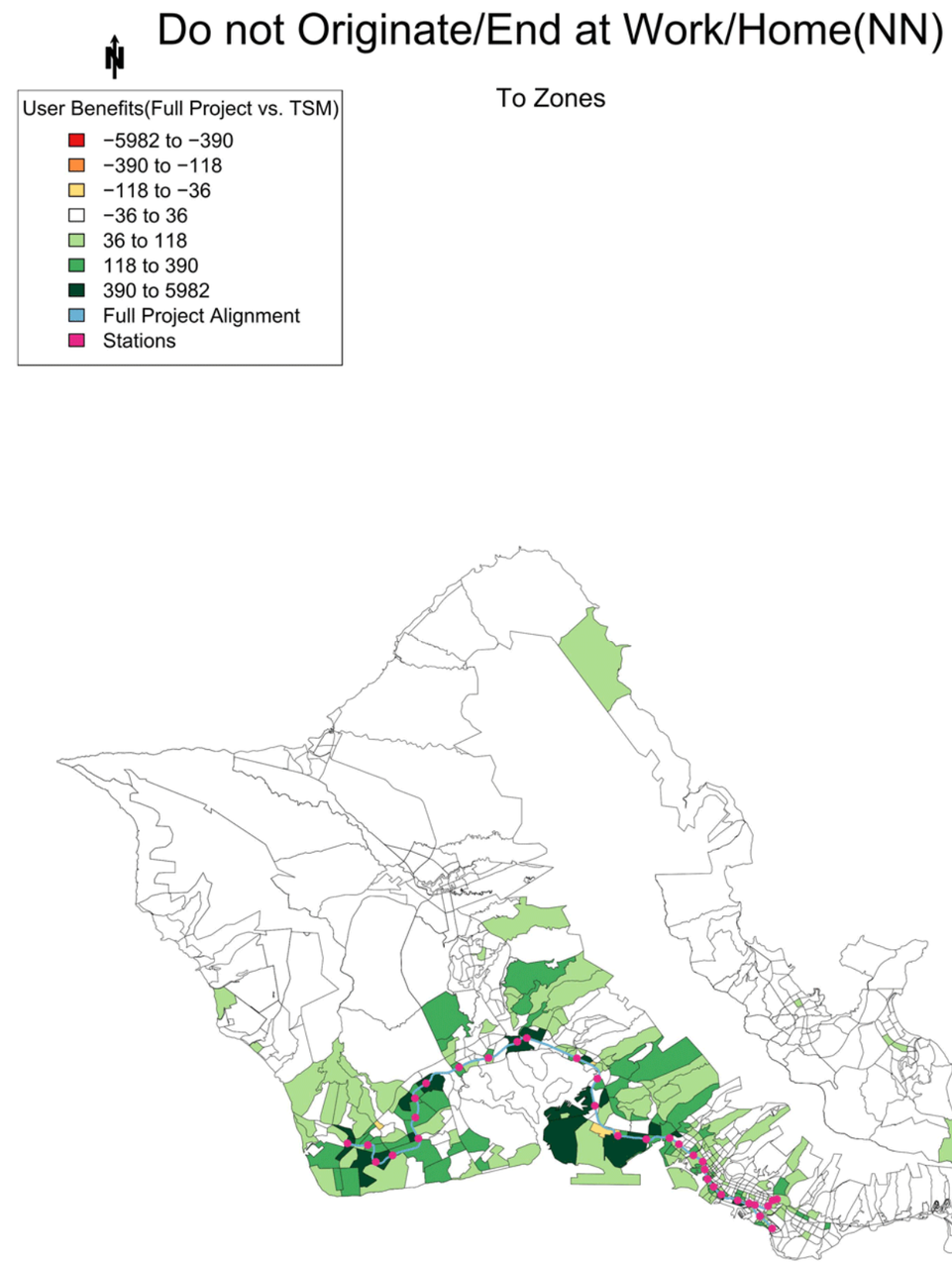

Figure 5-64 Do not Originate/End at Work/Home User Benefits (To Zones)—Project plus planned extensions vs. TSM

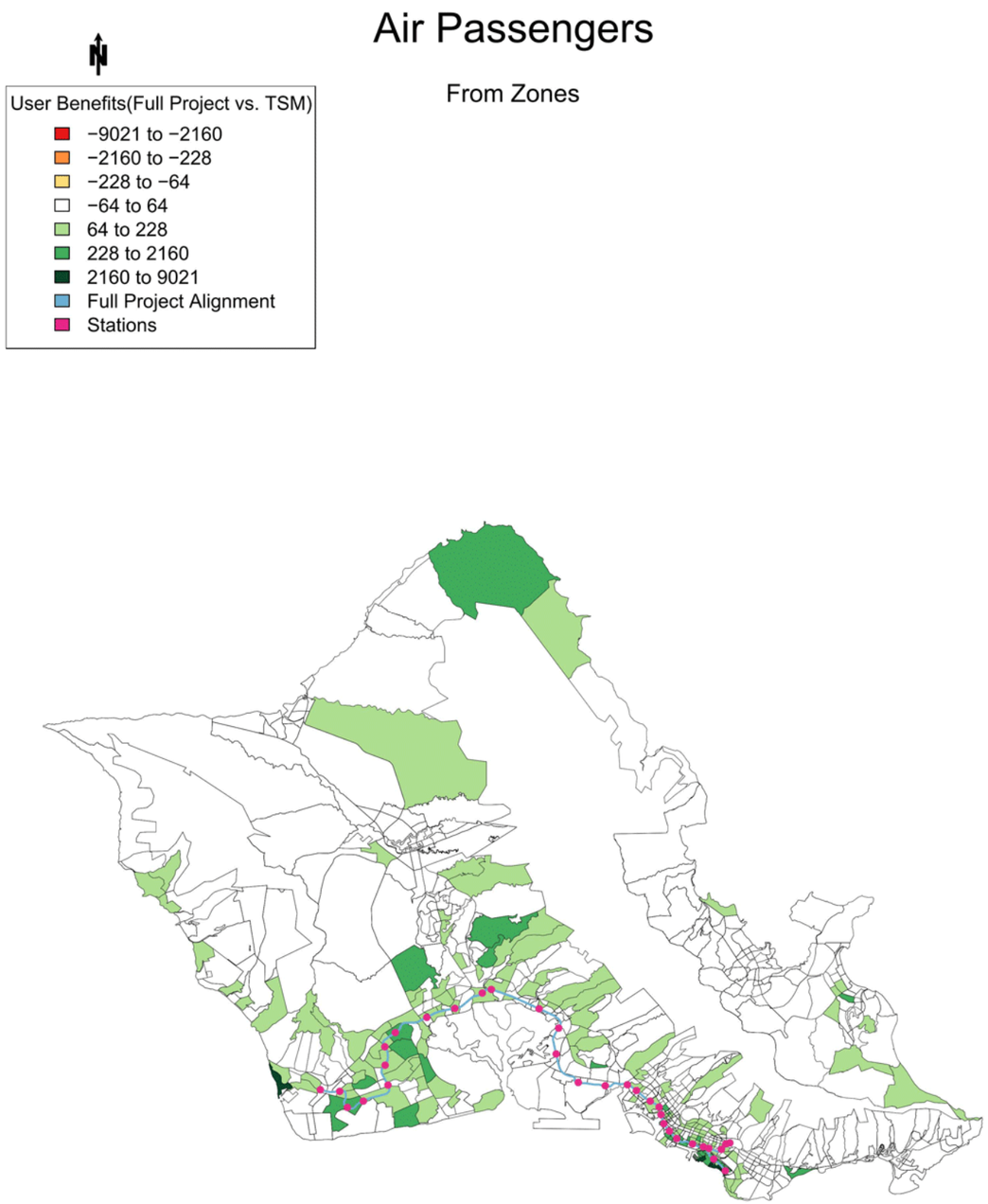

Figure 5-65. Ground Access Air Passenger User Benefits (From Zones)—Project plus planned extensions vs. TSM

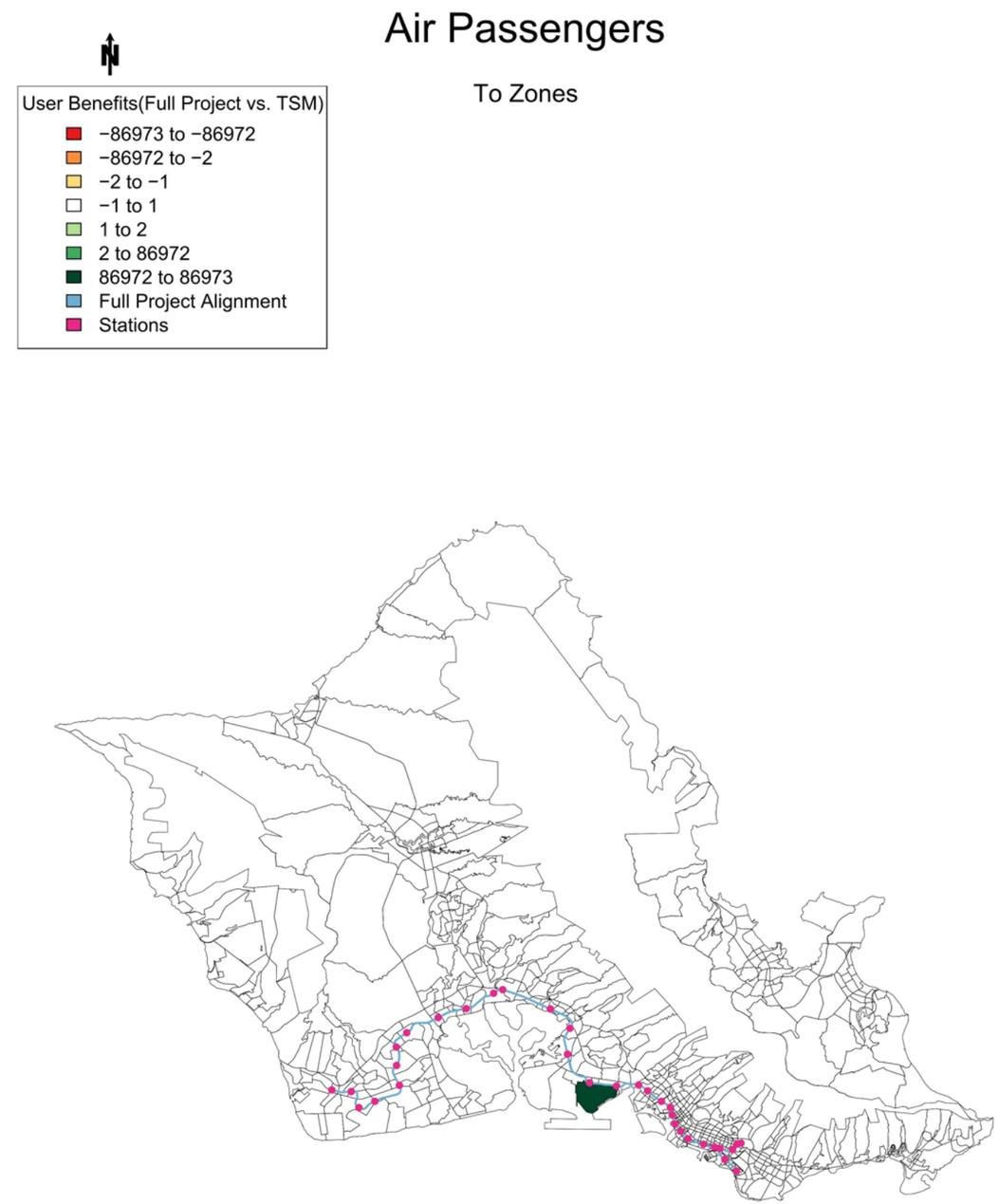

Figure 5-66. Ground Access Air Passenger User Benefits (To Zones)—Project plus planned extensions vs. TSM

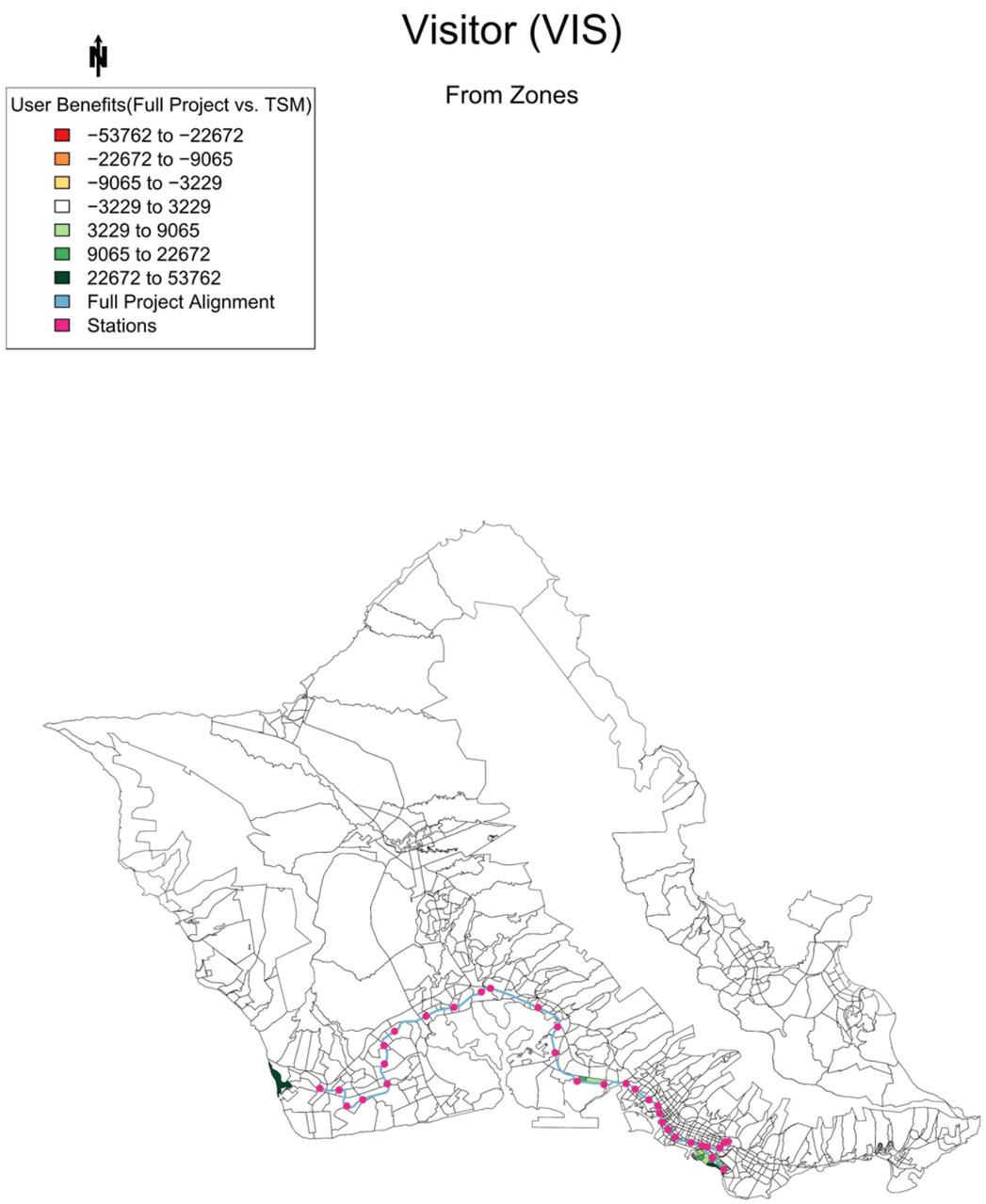

Figure 5-67. Visitor User Benefits (From Zones)—Project plus planned extensions vs. TSM

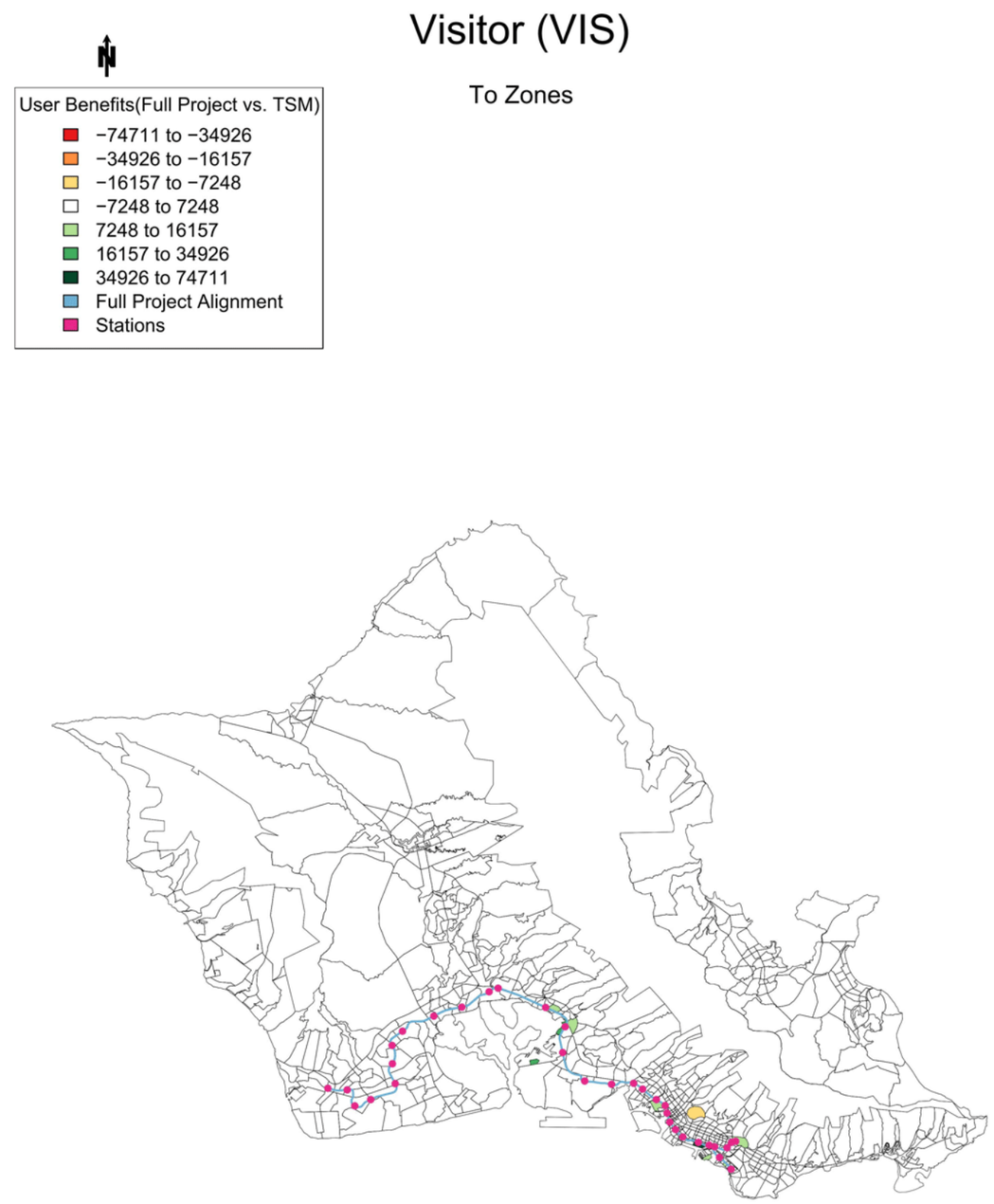

Figure 5-68. Visitor User Benefits (To Zones)—Project plus planned extensions vs. TSM

5.2.2 Transportation Analysis Area Level Summaries and Analysis

At the larger Transportation Analysis Area (TAA) level summary, it is easier to see the benefits of the transit system in light of a larger geographical area. The transit-user benefits presented in Tables 5-4 through 5-35 illustrate the user benefits calculated for TAA to TAA by all trip purposes for each alternative compared to both No Build and TSM (see Figure 3-1 for locations of the 26 TAAs on the island). The “to and from work” purpose is a significant one as it includes over 50 percent of all user benefits and is a good indicator of how the general performance of each alternative would affect the transportation system since it provides a reasonable indicator of peak-period trips, and these trips represent the majority of peak-period travel. This purpose also shows positive user benefits for the majority of the TAA to TAA pairs.

Areas receiving consistent benefits for the Project and Project plus planned extensions will be within the corridor. As origins of trips, the greatest benefits will be seen for ‘Aiea, Pearl City, Waipahu, Kapolei, and ‘Ewa. Since these areas will be the most densely populated and are heavily residential, this is a good indication that the Project and Project plus planned extensions will provide good service from these areas. As trip destinations, the Downtown, Waikīkī, Airport-Pearl Harbor, and Waipahu areas will have the greatest user benefits. Therefore, it is apparent that the Project and Project plus planned extensions will provide substantial user benefits where the benefits are needed.

Table 5-4. Total User Benefits in Minutes (Production to Attraction Format) —Project vs. No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-2866	2697	4231	2550	24	815	14071	20829	2919	4059	425	978	60	9738	633	169	-20	86	23	5	-12	6	72	79	3279	22129	86977
Kakaʻako	5858	-1381	3197	2701	421	3878	16443	14490	4108	3345	253	1204	28	3807	405	239	114	251	222	257	-1	23	104	1263	3697	7390	72315
Mōʻiliʻili	19731	7031	1683	210	-186	454	10163	20577	2430	5043	226	1076	93	2504	239	42	3	587	103	94	250	519	7	1707	4602	4710	83900
Waikīkī	-4577	-784	173	3760	32906	-765	4247	99904	1961	22032	63	1001	55	6353	250	223	385	335	-22	-35	-397	-323	118	-1615	2189	2963	170399
Kaimukī-Waiʻalae	15356	6165	4428	10831	10186	1238	5457	7711	2013	2929	264	1061	142	1637	204	167	33	1465	71	118	80	50	23	912	3022	3729	79291
Palama-Liliha	23156	13882	5708	4396	1884	11261	12209	26403	7416	8434	476	2086	137	4997	612	333	110	262	820	432	102	40	42	776	6963	12568	145508
Kalihi-Iwilei	23154	14957	5882	5061	1232	2245	125	15661	4692	5310	366	1195	33	8517	689	164	56	165	621	269	49	10	9	945	2675	13881	107959
Airport-Pearl Harbor	19101	4507	2624	8612	3046	3569	5896	7756	9386	6048	1154	1617	53	20589	2059	195	92	311	448	616	201	161	126	603	3922	10505	113197
Salt Lake-Āliamanu	30562	15784	6513	6749	2616	5677	24280	46708	21723	10162	884	3932	209	9026	1534	724	344	284	1042	788	313	120	280	1265	16317	5513	213347
Pearl City-ʻAiea	64165	18591	13549	13032	8699	10100	36494	50738	30186	52842	2956	11582	912	33988	3109	2052	831	1116	2879	3056	1346	166	306	3250	35344	9185	410474
ʻEwa	75575	25997	23342	61297	14694	11061	29713	31547	15087	23024	35953	59763	4656	36634	4250	4277	2900	2377	2209	2783	2540	512	1671	6270	28836	8094	515062
Kapolei	44651	14348	13768	47701	10353	6922	17067	28973	8953	16379	13892	36579	5113	23290	3353	2897	2228	1792	1536	1775	1647	699	2059	3982	15498	24932	350387
Makakilo	23659	8530	7882	17861	5474	4493	9922	10239	5492	8580	5349	10972	1696	8522	1569	1710	1304	931	935	1013	1266	202	1081	2538	9546	2788	153556
Waipahu-Waikele	60288	15346	24076	64766	9279	8050	24484	39870	12956	29323	11428	21702	2410	42174	7663	5737	2545	1595	1328	1590	1896	453	459	4657	27250	13568	434894
Waiawa	34847	9764	14776	39438	6514	4487	14098	20379	10648	6039	4156	14325	1494	29683	2675	6049	1574	1042	1316	1804	706	221	635	2366	16003	7497	252538
Mililani	42224	12853	10988	12343	7574	5344	15910	19571	9280	14458	3709	15667	1030	21357	5750	15029	6077	983	1258	1305	151	685	924	2382	22352	4907	254112
Wahiawa	20888	7025	5894	7899	4160	2626	7812	10014	5078	6397	1875	8669	571	9077	1469	11739	10530	479	553	493	48	952	733	1375	14784	3295	144434
East Honolulu	7524	2433	1994	3504	3766	646	1725	6021	1308	2366	278	1123	70	1515	219	114	-141	2720	83	73	75	61	-180	891	5157	1010	44354
Kāneʻohe	96	3966	2023	2204	738	367	2645	9962	1843	4613	426	1342	174	3134	471	344	-47	87	87	50	0	31	-69	471	8858	4112	47928
Kailua	-528	4164	1887	2469	423	250	1670	8247	965	3714	393	1541	100	3288	369	151	-201	118	9	34	0	10	-199	432	8179	4415	41901
Koʻolau Loa	300	735	634	556	245	-23	425	2894	98	1189	106	378	50	504	81	49	3	25	4	0	0	43	-357	175	1564	2542	12221
North Shore	14778	5859	5355	6955	3431	2250	4862	6273	3305	2830	713	2781	141	2982	607	1487	2525	472	197	419	153	6310	176	1516	10171	3112	89658
Waiʻanae	40991	16346	13161	18616	9033	6238	14700	24981	11455	8883	2482	13080	1093	9316	2399	2614	2220	447	1229	643	-41	111	23694	2724	18864	5939	251215
Makiki-Mānoa	11558	4294	3417	2212	701	-99	6644	10101	2389	2617	208	940	75	2274	175	7	10	137	63	76	14	132	11	2068	177	3915	54117
UH Mānoa	835	618	673	361	255	10	265	765	102	112	79	68	2	542	3	-10	-22	55	2	13	0	-1	-7	168	142	343	5376
Ala Moana Center	11919	831	229	197	173	297	5694	4755	192	433	127	101	2	4005	261	25	10	16	33	34	10	4	1	38	84	0	29471
Total	*583243*	*214557*	*178089*	*346282*	*137641*	*91390*	*287022*	*545366*	*175988*	*251159*	*88241*	*214763*	*20401*	*299453*	*41046*	*56525*	*33461*	*18138*	*17052*	*17703*	*10396*	*11197*	*31719*	*41237*	*269476*	*183043*	*4164589*

Table 5-5. To and From Work User Benefits in Minutes (Production to Attraction Format) —Project vs. No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	311	1353	2583	2461	396	444	3406	6658	1972	2776	107	435	32	784	124	125	6	67	3	10	-4	2	32	177	301	4867	29429
Kakaʻako	4646	-87	1760	2271	496	1870	9454	7993	3266	2840	174	612	19	730	274	132	77	113	97	152	7	11	44	454	618	2297	40321
Mōʻiliʻili	13007	5681	1395	751	179	361	6622	8419	2262	2943	180	712	50	647	186	-13	-19	334	71	56	-1	1	-9	593	962	1208	46579
Waikīkī	1631	-461	272	1141	3087	-159	2317	3803	1426	1467	46	358	12	337	184	60	9	216	-6	-22	4	2	1	143	376	425	16671
Kaimukī-Waiʻalae	13683	4868	2165	8427	2936	759	3295	5075	1510	2057	160	462	54	440	95	43	11	454	54	71	13	4	0	328	510	1574	49048
Palama-Liliha	18062	8567	3751	4190	747	1900	6074	14765	2968	5191	364	945	57	1211	457	220	98	130	362	302	18	21	24	439	844	4150	75858
Kalihi-Iwilei	12542	8630	4245	4283	654	668	1047	7848	2100	3060	104	664	23	740	200	122	48	69	345	208	11	2	-5	309	419	4521	52857
Airport-Pearl Harbor	7574	2247	1574	1575	348	1035	2596	2251	3316	2044	141	441	26	2231	833	89	59	47	237	210	18	4	18	210	381	1283	30785
Salt Lake-Āliamanu	22765	8621	4813	5513	1197	2492	11892	26711	7741	7196	495	1919	142	2991	1046	443	217	134	642	549	48	40	45	624	1309	2928	112513
Pearl City-ʻAiea	46300	13496	9529	9904	2512	4985	21378	32098	14334	16349	1780	6205	450	8979	1731	904	356	476	1593	1643	153	33	101	1254	4221	4187	204950
ʻEwa	66160	22378	19071	60344	7448	6168	21277	18701	9041	11531	11664	33431	2447	8440	2173	2571	1865	1333	1404	1746	529	245	1081	2394	15144	6535	335122
Kapolei	32754	11051	10020	27627	3875	3555	11788	10828	5580	8020	7768	24672	2265	6988	1932	2034	1479	694	874	975	270	154	954	1432	7849	3695	189131
Makakilo	20143	6470	5872	16827	2320	2222	7171	5655	2976	3854	3337	9291	607	3151	811	1059	789	458	470	522	193	82	530	780	4635	2025	102251
Waipahu-Waikele	45895	10990	20405	64071	3462	3429	11223	14188	6653	11962	3442	6499	729	7316	2903	2254	1171	550	642	907	269	152	67	1137	7139	7751	235205
Waiawa	27217	6354	11922	37032	2150	1958	7772	11625	5505	5240	2093	7095	619	7175	549	2131	612	344	555	604	75	87	140	711	4663	4877	149106
Mililani	33263	11128	9082	11273	3392	3400	11106	14165	6593	9829	2609	8518	666	5389	1996	3997	2565	538	758	945	25	346	303	1179	8314	3412	154793
Wahiawa	18327	6168	5042	6968	2029	1886	5835	7655	3696	5347	1415	5257	365	2985	919	3182	4265	373	421	578	4	342	250	934	5001	2065	91306
East Honolulu	6401	1956	1726	1619	1091	492	926	3682	788	1201	168	481	30	402	60	28	-25	627	50	50	11	15	-5	259	547	198	22778
Kāneʻohe	-241	2498	1126	2090	166	214	1251	6620	1062	2705	168	680	54	832	211	160	-4	51	9	16	0	2	20	134	998	1326	22147
Kailua	-443	2787	1140	2538	207	271	1547	4771	673	2195	234	594	54	619	139	96	-17	77	4	18	0	5	16	137	973	1551	20185
Koʻolau Loa	301	312	209	600	72	19	8	872	-9	307	44	154	7	128	16	4	3	17	3	0	0	35	-7	21	544	240	3901
North Shore	13550	4807	4166	5537	1558	1345	3812	4060	2220	1924	373	1409	43	1275	515	1185	2000	261	167	330	78	2019	73	556	4065	1511	58838
Waiʻanae	36555	13261	11445	16406	4979	4167	11153	17866	7881	5267	1892	5889	603	4181	1575	1531	1327	757	987	999	146	110	5567	1539	10721	4412	171214
Makiki-Mānoa	9664	4070	1668	2043	478	208	3591	5661	1870	1907	108	463	12	501	106	-30	2	149	24	26	3	3	-1	478	244	731	33980
UH Mānoa	775	646	493	327	115	12	175	515	89	102	16	40	0	70	6	-9	-15	41	1	7	0	0	-1	89	85	314	3895
Ala Moana Center	1547	510	373	205	122	233	922	316	160	124	1	30	0	39	7	17	2	16	25	23	1	1	1	17	82	0	4771
Total	*452389*	*158300*	*135846*	*296023*	*46019*	*43933*	*167637*	*242798*	*95673*	*117437*	*38882*	*117258*	*9367*	*68581*	*19050*	*22335*	*16881*	*8327*	*9790*	*10926*	*1871*	*3719*	*9239*	*16325*	*80946*	*68082*	*2257634*

Table 5-6. Non-Home Based Direct Demand User Benefits in Minutes (Production to Attraction Format) —Project vs. No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-3101	429	0	0	0	0	7735	9321	0	615	230	241	0	7749	494	0	0	0	0	0	0	0	0	0	0	8889	32603
Kakaʻako	562	0	0	0	0	0	1413	1734	0	80	47	41	0	1597	102	0	0	0	0	0	0	0	0	0	0	-82	5495
Mōʻiliʻili	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waikīkī	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palama-Liliha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kalihi-Iwilei	6328	1396	0	0	0	0	177	2242	0	267	195	87	0	6000	369	0	0	0	0	0	0	0	0	0	0	4032	21093
Airport-Pearl Harbor	6569	1333	0	0	0	0	459	-236	0	424	892	657	0	16733	1032	0	0	0	0	0	0	0	0	0	0	3798	31661
Salt Lake-Āliamanu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl City-ʻAiea	553	137	0	0	0	0	275	299	0	0	142	107	0	2685	167	0	0	0	0	0	0	0	0	0	0	241	4605
ʻEwa	190	46	0	0	0	0	167	811	0	219	120	378	0	6320	380	0	0	0	0	0	0	0	0	0	0	81	8710
Kapolei	116	38	0	0	0	0	64	512	0	120	359	0	0	6067	379	0	0	0	0	0	0	0	0	0	0	31	7685
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waipahu-Waikele	6469	1421	0	0	0	0	6421	15696	0	2752	5367	6018	0	10234	374	0	0	0	0	0	0	0	0	0	0	4165	58919
Waiawa	415	91	0	0	0	0	394	970	0	171	319	373	0	289	0	0	0	0	0	0	0	0	0	0	0	263	3285
Mililani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kāneʻohe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kailua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiʻanae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Makiki-Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ala Moana Center	10077	172	0	0	0	0	4628	4398	0	277	112	60	0	3955	247	0	0	0	0	0	0	0	0	0	0	0	23926
Total	*28178*	*5062*	*0*	*0*	*0*	*0*	*21732*	*35747*	*0*	*4926*	*7783*	*7963*	*0*	*61630*	*3545*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*21417*	*197982*

Table 5-7. To and From School/College User Benefits in Minutes (Production to Attraction Format) —Project vs. No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	34	-156	93	27	-514	386	393	78	133	96	24	160	0	1013	0	9	0	16	14	2	-9	0	0	207	2925	0	4931
Kakaʻako	-40	-358	282	9	-439	886	1875	26	99	64	0	342	0	1396	0	0	0	64	47	21	-6	0	0	647	3071	0	7985
Mōʻiliʻili	127	-59	56	-19	-1318	247	796	12	47	22	7	125	0	1669	0	0	0	148	34	13	41	0	0	787	3406	0	6140
Waikīkī	86	22	191	4	3467	-6	194	16	22	19	0	233	0	607	0	0	0	37	-7	0	-1	0	0	127	1785	0	6795
Kaimukī-Waiʻalae	414	-29	639	215	2142	170	312	30	41	34	1	280	0	986	10	1	0	614	7	1	41	0	-2	366	1779	0	8049
Palama-Liliha	1126	-71	169	6	467	7034	497	216	523	672	0	708	0	3013	49	1	9	41	294	64	69	4	13	316	5916	0	21135
Kalihi-Iwilei	968	160	170	17	205	1459	-511	77	540	480	0	241	0	1495	34	2	5	67	143	20	26	5	0	334	2008	0	7944
Airport-Pearl Harbor	932	32	33	0	387	294	457	1523	1374	808	7	260	0	1119	25	8	7	14	103	30	49	3	3	51	3272	0	10792
Salt Lake-Āliamanu	2968	126	218	21	880	1242	2679	2388	6041	107	35	1278	0	4980	120	40	12	65	213	63	207	2	58	235	14621	0	38599
Pearl City-ʻAiea	6807	271	494	56	3712	1158	4817	435	2312	8043	169	3212	102	16920	253	165	81	209	525	203	793	43	64	570	30548	0	81962
ʻEwa	6295	1305	2295	175	6009	3477	4581	830	1163	4972	13522	12497	1395	13186	321	267	265	856	522	493	1988	112	450	2893	13181	0	93050
Kapolei	3274	780	1428	181	3259	2183	2346	604	672	3059	3615	9428	2599	7383	211	134	182	508	340	255	1311	70	745	1759	6838	0	53165
Makakilo	2093	582	1041	108	2394	1570	1583	358	508	2139	1142	3161	1021	3450	124	108	111	342	224	236	1076	81	469	1320	4674	0	29916
Waipahu-Waikele	4680	1275	2062	196	4791	3283	3338	844	1136	2880	421	5489	1046	15029	1506	1701	810	797	441	368	1515	234	259	2818	19944	0	76862
Waiawa	3228	308	583	97	2633	918	2358	288	380	744	791	3669	430	13606	583	1148	513	247	203	121	468	121	198	734	10827	0	45196
Mililani	4898	367	712	112	3682	1239	3000	296	381	759	273	4680	111	11971	1524	4626	1997	296	386	193	97	312	335	941	13850	0	57036
Wahiawa	2184	169	457	57	1953	658	1560	178	265	204	124	1872	26	5121	265	6880	5859	153	181	73	43	609	306	478	9704	0	39379
East Honolulu	622	43	300	11	1431	152	5	58	62	114	39	265	14	836	16	3	-8	1806	21	15	37	18	-11	874	4503	0	11225
Kāneʻohe	69	-16	130	135	267	79	-360	158	26	385	8	369	12	1844	33	12	16	29	37	24	0	29	2	150	7832	0	11270
Kailua	45	-18	90	28	14	102	-447	127	89	257	16	319	0	2255	19	7	0	20	5	16	0	4	-22	124	7204	0	10255
Koʻolau Loa	33	2	29	4	28	5	-21	7	-12	27	3	30	0	124	0	3	0	7	1	0	0	7	-9	37	1020	0	1323
North Shore	1094	303	546	48	1381	888	778	238	274	191	46	450	10	1329	31	174	520	203	32	91	75	4291	122	739	5838	0	19692
Waiʻanae	3096	469	858	66	3166	1358	2074	324	480	380	205	2563	263	4365	50	84	109	369	278	161	577	38	15518	1076	7914	0	45840
Makiki-Mānoa	592	178	509	-4	-116	166	339	16	66	31	0	262	5	1097	0	0	0	67	17	8	10	0	0	1240	-53	0	4427
UH Mānoa	24	5	221	-1	32	2	2	0	1	4	0	20	0	113	0	0	0	9	1	0	0	0	0	32	42	0	505
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*45651*	*5689*	*13606*	*1550*	*39913*	*28946*	*32643*	*9125*	*16620*	*26491*	*20448*	*51913*	*7036*	*114904*	*5173*	*15372*	*10487*	*6985*	*4061*	*2469*	*8407*	*5983*	*18499*	*18852*	*182648*	*0*	*693473*

Table 5-8. To and From Shopping/Other User Benefits in Minutes (Production to Attraction Format) —Project vs. No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-94	874	1435	59	24	-20	2061	1625	720	330	49	112	13	161	-1	25	-28	3	5	-8	0	0	32	-261	53	6423	13592
Kakaʻako	502	-413	940	396	328	926	3212	1015	634	284	14	142	1	49	14	91	26	66	69	69	-7	8	20	140	4	3524	12054
Mōʻiliʻili	2425	1099	140	-124	686	-272	1526	1126	91	445	23	210	38	141	42	38	23	107	-8	17	8	0	18	225	192	1626	9841
Waikīkī	-710	-321	-473	455	4073	-448	874	744	371	538	28	387	27	139	52	-8	64	57	-6	-10	-5	-6	-17	-292	420	420	6350
Kaimukī-Waiʻalae	1275	1304	1569	2055	4310	318	1798	1294	443	763	81	277	48	175	85	111	26	354	12	47	26	45	29	248	692	2037	19422
Palama-Liliha	3965	5237	1781	219	667	2115	5557	8326	3746	2381	97	394	74	428	89	103	4	92	156	66	15	15	-5	39	202	8169	43935
Kalihi-Iwilei	2767	3952	1200	578	272	40	-192	3149	1248	786	13	123	1	190	48	23	-8	23	78	11	0	0	11	246	194	4502	19255
Airport-Pearl Harbor	1226	526	416	241	198	620	1345	1556	3048	1764	35	150	8	160	27	57	9	29	70	73	0	0	51	182	74	580	12446
Salt Lake-Āliamanu	4663	2505	1267	1165	506	1776	8877	14520	6748	2111	278	597	42	715	238	189	76	68	165	86	48	53	106	377	354	2464	49995
Pearl City-ʻAiea	10095	4518	3413	2564	2292	3685	9584	14341	12760	27050	747	1784	308	4422	965	851	364	391	557	1133	355	76	101	1384	548	4115	108404
ʻEwa	2917	2230	1964	777	1203	1393	3642	6591	4779	6149	9255	12796	786	8270	1297	1374	735	176	270	508	26	143	135	976	507	1421	70319
Kapolei	2008	1866	1116	1234	976	865	1728	4260	2523	2970	1615	1774	204	2334	727	613	497	165	306	502	63	55	304	527	414	913	30560
Makakilo	1413	1446	965	921	754	696	1150	3290	1987	2532	830	-1464	65	1832	592	524	386	130	237	250	-4	36	79	436	234	742	20059
Waipahu-Waikele	3194	1616	1552	490	974	1295	3391	6267	4869	10567	1890	3295	570	7713	2531	1505	495	233	223	281	82	54	111	686	148	1535	55569
Waiawa	3960	2976	2257	2277	1702	1584	3546	5302	4669	-193	897	3070	413	8212	1387	2539	423	443	541	1051	157	14	267	916	508	2316	51233
Mililani	4051	1333	1021	946	487	659	1783	3120	2244	3778	781	2369	234	3745	2034	5795	1414	148	109	151	27	24	260	258	183	1463	38415
Wahiawa	319	665	386	684	154	80	415	1237	1088	800	311	1482	169	904	262	1544	357	-45	-45	-151	0	0	157	-35	79	1013	11832
East Honolulu	272	411	-113	385	766	-5	751	1411	452	940	63	340	23	254	135	78	-102	75	12	8	2	2	-155	-271	65	289	6088
Kāneʻohe	276	1461	698	-25	229	78	1682	2460	723	1409	229	264	103	427	214	165	-51	7	42	10	0	0	-78	172	28	2274	12798
Kailua	-124	1313	627	-95	169	-118	531	1759	171	1133	95	551	38	365	190	37	-168	20	0	0	0	1	-169	160	2	2515	9005
Koʻolau Loa	-18	407	237	-67	111	-44	315	1017	118	691	35	189	41	226	59	39	0	0	0	0	0	0	-316	87	0	680	3807
North Shore	132	728	604	847	437	17	268	1566	799	669	284	895	78	364	58	123	4	8	-2	-3	0	0	-18	219	266	1073	9417
Waiʻanae	885	2551	778	727	781	691	1408	4526	3063	3026	377	4563	223	745	745	972	764	-658	-27	-501	-740	-33	2532	127	216	690	28430
Makiki-Mānoa	1307	53	1123	190	316	-425	2430	1774	433	623	82	175	54	73	63	36	-24	-72	20	41	2	2	13	303	-3	3103	11690
UH Mānoa	39	1	5	29	72	3	66	99	0	1	52	1	0	6	-1	1	0	4	0	6	0	0	-5	4	7	49	442
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*46747*	*38339*	*24909*	*16930*	*22487*	*15507*	*57749*	*92372*	*57727*	*71550*	*18162*	*34477*	*3563*	*42047*	*11854*	*16825*	*5286*	*1826*	*2782*	*3637*	*53*	*488*	*3462*	*6854*	*5389*	*53935*	*654958*

Table 5-9. Do not Originate/End at Work/Home User Benefits in Minutes (Production to Attraction Format) —Project vs. No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-14	196	82	-2	5	4	403	255	94	124	15	29	15	31	16	10	2	0	0	0	0	4	7	-18	0	1037	2296
Kakaʻako	188	-523	215	25	36	195	489	117	109	76	18	67	8	35	14	16	10	7	10	15	5	5	19	23	3	1651	2833
Mōʻiliʻili	213	8	91	-31	87	8	224	118	30	69	16	29	5	47	10	17	-1	-3	7	9	3	3	-1	139	28	1875	3001
Waikīkī	-31	-30	-13	1265	268	-26	27	42	28	53	-11	22	17	23	13	8	5	6	-3	-3	-1	-1	-2	-10	17	20	1680
Kaimukī-Waiʻalae	-17	23	55	134	798	-9	51	92	20	75	22	42	40	37	14	11	-4	43	-2	-1	0	2	-4	-29	41	118	1552
Palama-Liliha	2	149	8	-20	3	212	-113	399	131	190	14	39	6	72	17	9	-2	-1	8	0	0	1	11	-17	0	250	1366
Kalihi-Iwilei	549	815	254	66	76	77	-396	794	751	694	54	80	10	92	38	16	11	6	55	29	11	3	3	57	54	607	4808
Airport-Pearl Harbor	387	196	148	42	100	404	622	-199	1648	409	79	108	19	283	142	41	18	22	39	302	13	18	54	55	40	164	5155
Salt Lake-Āliamanu	166	180	89	50	33	167	831	1448	1193	747	76	138	24	341	129	52	40	17	22	90	10	25	71	30	33	122	6123
Pearl City-ʻAiea	215	159	78	54	117	175	401	562	780	1360	118	274	52	982	-8	133	31	27	76	78	38	11	39	35	18	160	5962
ʻEwa	13	39	13	-5	33	24	45	95	104	150	1391	660	27	418	79	65	36	12	14	4	-2	11	6	7	5	45	3289
Kapolei	33	100	49	43	73	39	72	163	179	320	535	704	45	518	105	115	70	2	17	43	3	13	56	11	11	58	3377
Makakilo	8	32	4	5	6	6	18	26	22	54	40	-16	2	90	42	20	18	2	4	4	1	3	3	2	2	22	418
Waipahu-Waikele	49	44	57	10	52	43	111	251	299	1162	309	401	65	1248	349	278	69	14	22	34	29	13	22	16	19	118	5083
Waiawa	28	35	14	33	29	27	28	100	94	77	56	117	31	400	156	232	26	8	17	28	6	0	29	6	5	42	1624
Mililani	12	25	21	12	13	18	21	83	61	92	46	101	19	252	196	611	101	2	6	16	2	3	25	5	5	32	1778
Wahiawa	7	20	1	7	0	0	3	25	30	32	25	59	11	68	23	134	49	-3	-4	-6	0	0	19	-3	0	25	520
East Honolulu	-1	2	2	8	55	0	10	41	6	37	8	37	3	23	9	5	-6	4	0	0	0	0	-10	-9	2	5	231
Kāneʻohe	-2	23	10	-3	3	-3	32	65	33	62	22	29	4	31	14	7	-8	0	0	0	0	0	-12	4	0	34	343
Kailua	-4	42	10	-5	3	-5	23	76	32	105	48	77	8	49	21	10	-16	1	0	0	0	0	-23	6	0	78	536
Koʻolau Loa	0	15	4	-2	2	-1	12	23	1	30	24	5	2	27	5	3	0	0	0	0	0	0	-24	1	0	22	148
North Shore	2	9	3	8	5	1	3	21	11	18	10	27	10	15	2	4	0	1	0	0	0	0	-1	3	4	24	182
Waiʻanae	-7	43	-5	-4	-4	10	-2	55	31	50	8	65	4	25	29	27	19	-13	-9	-16	-23	-4	76	-3	-2	22	372
Makiki-Mānoa	-6	-13	117	6	15	-46	62	71	20	45	18	17	3	18	5	2	-5	-8	1	1	1	3	-1	48	-11	81	443
UH Mānoa	-3	-35	-46	5	37	-8	21	25	12	5	12	8	2	4	-2	-2	-7	1	0	0	0	-1	-1	44	8	-20	59
Ala Moana Center	296	150	-144	-8	51	64	144	41	32	33	14	11	2	11	6	8	7	0	9	11	10	3	0	21	2	0	774
Total	*2082*	*1703*	*1116*	*1691*	*1894*	*1377*	*3143*	*4791*	*5752*	*6068*	*2965*	*3128*	*435*	*5140*	*1425*	*1830*	*463*	*147*	*289*	*639*	*106*	*115*	*361*	*420*	*286*	*6589*	*53955*

Table 5-10. Ground Access Air Passenger User Benefits in Minutes (Production to Attraction Format) —Project vs. No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	2585	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2585
Kakaʻako	0	0	0	0	0	0	0	3605	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3605
Mōʻiliʻili	0	0	0	0	0	0	0	7177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7177
Waikīkī	0	0	0	0	0	0	0	41574	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41574
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	1220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1220
Palama-Liliha	0	0	0	0	0	0	0	2223	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2223
Kalihi-Iwilei	0	0	0	0	0	0	0	1491	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1491
Airport-Pearl Harbor	0	0	0	0	0	0	0	235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	235
Salt Lake-Āliamanu	0	0	0	0	0	0	0	1634	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1634
Pearl City-ʻAiea	0	0	0	0	0	0	0	2949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2949
ʻEwa	0	0	0	0	0	0	0	4513	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4513
Kapolei	0	0	0	0	0	0	0	6965	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6965
Makakilo	0	0	0	0	0	0	0	911	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	911
Waipahu-Waikele	0	0	0	0	0	0	0	2624	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2624
Waiawa	0	0	0	0	0	0	0	2094	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2094
Mililani	0	0	0	0	0	0	0	1907	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1907
Wahiawa	0	0	0	0	0	0	0	857	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	857
East Honolulu	0	0	0	0	0	0	0	622	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	622
Kāneʻohe	0	0	0	0	0	0	0	543	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	543
Kailua	0	0	0	0	0	0	0	1452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1452
Koʻolau Loa	0	0	0	0	0	0	0	647	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	647
North Shore	0	0	0	0	0	0	0	278	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	278
Waiʻanae	0	0	0	0	0	0	0	1299	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1299
Makiki-Mānoa	0	0	0	0	0	0	0	2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2046
UH Mānoa	0	0	0	0	0	0	0	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*91577*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*91577*

Table 5-11. Visitor User Benefits in Minutes (Production to Attraction Format) —Project vs. No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-2	0	37	5	113	1	74	307	0	117	0	0	0	0	0	0	0	0	0	0	0	0	0	-25	0	914	1541
Kakaʻako	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	22
Mōʻiliʻili	3958	301	1	-367	180	110	995	3726	0	1564	0	0	0	0	0	0	0	0	0	0	199	515	0	-37	15	2	11162
Waikīkī	-5553	6	196	896	22011	-126	836	53725	114	19956	0	0	0	5247	0	163	308	19	0	0	-393	-317	136	-1582	-408	2097	97330
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palama-Liliha	0	0	0	0	0	0	196	474	48	0	0	0	0	273	0	0	0	0	0	0	0	0	0	0	0	0	991
Kalihi-Iwilei	1	4	13	116	25	0	-1	59	54	22	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	219	512
Airport-Pearl Harbor	2413	173	453	6755	2013	1217	417	2625	0	599	0	0	0	62	0	0	0	199	0	0	121	135	0	106	154	4681	22122
Salt Lake-Āliamanu	0	4352	125	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4484
Pearl City-ʻAiea	194	10	36	453	66	99	39	54	0	39	0	0	0	0	0	0	0	13	128	0	8	3	0	7	9	483	1642
ʻEwa	1	-1	0	5	1	0	1	5	0	3	0	0	0	0	0	0	0	0	0	32	-1	0	0	0	0	12	58
Kapolei	6466	513	1156	18617	2170	280	1069	5640	0	1891	0	0	0	0	0	0	0	422	0	0	0	407	0	253	385	20237	59504
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	0	0	0	0	634	0	0	0	0	0	0	0	0	0	0	0	0	634
Waiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mililani	0	0	153	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	182
Wahiawa	52	3	7	183	25	1	0	63	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	192	541
East Honolulu	230	21	80	1480	421	7	33	208	0	73	0	0	0	0	0	0	0	208	0	0	25	26	0	38	41	518	3410
Kāneʻohe	-7	0	58	6	72	-1	40	118	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	477	826
Kailua	-3	41	20	2	30	0	17	62	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	270	467
Koʻolau Loa	-17	0	156	21	33	-2	111	328	0	136	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	1600	2395
North Shore	0	12	35	515	51	-1	0	110	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	-3	504	1251
Waiʻanae	462	23	85	1420	111	13	67	911	0	161	0	0	0	0	0	0	0	-9	0	0	-1	0	0	-15	15	816	4060
Makiki-Mānoa	0	6	0	-22	9	-1	223	534	0	12	0	23	0	585	0	0	36	1	0	0	0	124	0	0	0	0	1530
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	349	0	0	0	0	0	0	0	0	0	0	0	0	349
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*8196*	*5465*	*2612*	*30088*	*27329*	*1626*	*4118*	*68956*	*216*	*24688*	*0*	*23*	*0*	*7150*	*0*	*163*	*344*	*854*	*128*	*32*	*-41*	*893*	*158*	*-1215*	*208*	*33020*	*215011*

Table 5-12. Total User Benefits in Minutes (Production to Attraction Format) —Project vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-2619	2996	4420	2781	-456	1196	14167	20776	4267	2785	354	841	53	9542	604	131	-45	-25	23	3	-12	6	48	374	3021	21738	86968
Kakaʻako	7110	-1298	3102	3141	-306	4583	17041	14442	4938	2533	202	1025	20	3687	365	202	87	-29	292	343	13	23	69	759	3447	7463	73254
Mōʻiliʻili	21814	6190	1751	-714	-1394	867	10651	20551	3195	3913	165	920	69	2359	184	-11	-65	89	149	151	275	545	-15	529	4054	4492	80712
Waikīkī	-877	113	1164	4868	16590	-536	5042	100291	2535	19219	1	831	47	6171	213	199	372	79	21	12	-295	-308	103	-1733	2062	3674	159857
Kaimukī-Waiʻalae	12755	4950	2450	8142	5064	868	4809	7446	2226	2276	189	849	113	1544	150	76	5	501	41	47	62	41	-1	181	2280	2917	59983
Palama-Liliha	24554	13941	5958	4514	1363	4163	12786	26165	8030	6280	402	1784	102	4931	545	280	60	86	899	429	110	43	16	772	6704	12621	137539
Kalihi-Iwilei	23050	14860	5849	5149	931	2878	-1910	15240	4869	4011	356	1012	26	8445	668	133	34	74	608	263	45	9	-11	909	2458	13531	103484
Airport-Pearl Harbor	19077	4524	2587	8592	2995	3510	5622	7818	8134	3654	1149	1574	63	20267	1915	124	37	273	447	599	204	153	113	605	3835	10481	108350
Salt Lake-Āliamanu	35804	17363	7350	7516	3031	6544	24426	33069	12280	15023	846	3868	200	9217	1521	522	235	336	1488	1175	415	85	220	1598	16651	6225	207008
Pearl City-ʻAiea	58955	17949	12738	12821	7743	8740	33461	43975	25953	7727	2261	9090	662	28947	1572	453	131	882	2565	2603	1126	42	144	2943	35868	8450	327800
ʻEwa	77121	26439	24664	64682	15217	11449	32180	33539	15826	23370	24488	34684	2300	31664	3615	3472	2511	2297	2197	2543	2494	388	94	6270	29990	8351	481846
Kapolei	44382	14522	14064	48357	10266	6958	17012	30935	9156	16989	7646	25659	3698	20900	2841	2233	1847	1628	1504	1690	1514	618	612	3946	16443	23591	329010
Makakilo	23971	8728	8199	19477	5546	4510	9940	11046	5677	8769	2746	5895	1579	7169	1190	1214	1012	828	909	957	1170	149	142	2531	10503	2908	146766
Waipahu-Waikele	60652	15570	24862	68289	9248	8157	25350	40109	13456	27451	6969	14316	1344	31277	3792	2556	1610	1512	1289	1547	1493	294	-22	4640	29075	13806	408644
Waiawa	32845	9720	14669	42070	6214	4378	13619	19576	10415	11148	3409	11476	1130	17937	471	1471	329	962	1260	1770	712	202	426	2247	15510	7736	231700
Mililani	41645	13081	10973	13118	7549	5306	15567	17946	8898	12190	3171	13035	862	17195	2005	9737	3771	856	1211	1205	133	644	595	2354	23989	5015	232050
Wahiawa	20429	7130	5854	8320	3990	2587	7866	8938	4883	5675	1747	7537	502	8046	847	10124	9992	416	542	472	48	952	492	1297	15714	3436	137835
East Honolulu	4573	1864	271	1257	1200	545	1108	5793	1634	1594	168	771	54	1390	175	27	-174	42	44	35	22	33	-264	372	3969	353	26857
Kāneʻohe	173	4084	2113	2389	512	602	2639	9886	3212	3200	305	1034	137	2949	395	191	-97	6	87	49	0	31	-140	356	8845	4112	47070
Kailua	-369	4312	1997	2673	221	486	1923	8203	2305	2269	225	1064	72	3039	307	68	-263	1	9	34	0	10	-291	316	8176	4416	41204
Koʻolau Loa	314	764	658	614	109	-15	415	2856	503	841	33	157	38	423	77	23	3	7	4	0	0	43	-413	130	1565	2543	11692
North Shore	14479	5730	5225	6914	3173	2260	4761	5798	3477	1988	479	1749	92	2544	530	1353	2520	436	197	416	153	6310	77	1455	10242	3115	85472
Waiʻanae	39554	16286	12961	18646	8279	6022	13824	25619	11251	8444	1564	6480	631	8803	2066	1746	1586	114	1082	352	-119	-20	5726	2476	20441	5724	219537
Makiki-Mānoa	12127	3940	863	134	-275	113	6787	10156	2928	1954	141	805	61	2191	138	-54	-9	-167	80	96	18	131	-14	1360	-103	2827	46229
UH Mānoa	826	472	526	53	150	26	249	747	174	77	67	60	2	532	3	-16	-26	20	2	13	0	-1	-13	79	107	274	4401
Ala Moana Center	12111	882	264	229	171	330	5729	4749	222	409	125	97	2	3998	261	23	8	10	38	41	11	4	-1	20	77	0	29809
Total	*584456*	*215111*	*175531*	*354033*	*107134*	*86527*	*285063*	*525668*	*170445*	*193789*	*59209*	*146611*	*13858*	*255167*	*26448*	*36275*	*25472*	*11234*	*16988*	*16846*	*9591*	*10425*	*7691*	*36785*	*274922*	*179798*	*3825077*

Table 5-13. To and From Work User Benefits in Minutes (Production to Attraction Format) —Project vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	356	1522	2719	2770	156	695	3381	6635	2917	1664	67	342	29	615	96	108	-19	-21	4	9	-4	2	14	175	283	4864	29378
Kakaʻako	5404	-83	1802	2752	272	2408	9800	7929	3966	2158	135	510	13	637	235	117	50	-53	147	227	10	11	26	291	574	2329	41664
Mōʻiliʻili	14678	4981	1337	-72	-223	709	6954	8441	2756	2096	135	612	33	549	133	-42	-73	48	108	106	2	1	-17	121	839	998	45209
Waikīkī	3867	407	1121	1951	2042	36	2784	3927	1779	1090	11	297	8	217	168	47	-4	115	27	20	8	3	-2	54	263	525	20761
Kaimukī-Waiʻalae	12333	4426	1779	6879	2030	695	3039	4964	1739	1591	123	396	40	371	51	18	-7	159	40	64	12	3	-7	254	447	1499	42940
Palama-Liliha	19118	8715	3977	4340	656	946	6323	15010	3817	3689	305	787	43	1096	392	183	55	51	382	305	20	23	13	442	818	4055	75562
Kalihi-Iwilei	12462	8741	4236	4383	558	1212	273	7665	2314	2067	85	533	16	701	184	99	28	22	338	204	10	2	-20	292	374	4378	51157
Airport-Pearl Harbor	7671	2313	1602	1641	348	1048	2524	2138	2951	1376	140	409	25	1935	719	79	39	41	242	214	19	3	15	219	373	1319	29402
Salt Lake-Āliamanu	25111	9296	5304	5940	1299	2863	12157	19897	5811	6982	492	1841	136	2895	1047	362	163	130	769	683	57	32	32	681	1341	3054	108373
Pearl City-ʻAiea	44897	13642	9564	10221	2539	4658	20999	30186	12800	4058	1381	4720	335	6245	739	383	119	433	1493	1570	152	22	6	1249	4584	4319	181313
ʻEwa	68391	23230	20722	64255	8149	6793	23970	20877	10025	12158	6165	16170	992	6358	2044	2453	1797	1424	1478	1826	547	234	-86	2620	16069	7082	325741
Kapolei	33447	11480	10624	30019	4097	3756	12327	11888	5982	8250	4090	16382	1382	5414	1734	1818	1335	716	909	1013	281	144	99	1517	8508	3995	181207
Makakilo	20677	6895	6367	18670	2495	2348	7570	6792	3334	4042	1578	3792	451	2084	704	852	653	479	496	561	205	69	44	848	5202	2313	99520
Waipahu-Waikele	46538	11368	21276	67802	3585	3550	11847	14820	7128	11602	1880	2885	361	3356	1848	1399	872	541	656	928	252	112	-99	1173	7751	8191	231624
Waiawa	25630	6444	11913	39780	2186	1946	7661	11685	5562	6159	1661	5483	436	4676	230	904	130	320	530	584	84	84	53	685	4670	5195	144692
Mililani	33441	11605	9232	12193	3529	3499	11292	14416	6757	9789	2471	7592	619	4196	1127	3887	2193	523	768	956	30	332	223	1182	9063	3596	154511
Wahiawa	17917	6284	5047	7381	2038	1878	6011	7648	3775	5484	1422	5004	357	2630	657	3281	4265	351	414	567	4	342	202	898	5389	2223	91469
East Honolulu	3988	1430	396	1088	382	427	453	3434	853	706	131	365	23	325	21	-3	-51	-245	26	20	5	13	-17	54	304	61	14190
Kāneʻohe	-149	2574	1195	2259	128	333	1158	6585	1741	1856	128	563	40	737	154	120	-47	-4	9	16	0	2	9	139	987	1326	21860
Kailua	-290	2877	1219	2730	172	442	1714	4739	1237	1315	172	450	43	493	83	61	-74	-3	4	18	0	5	0	143	970	1553	20073
Koʻolau Loa	314	323	223	644	66	24	-19	860	105	233	35	122	5	113	11	3	3	4	3	0	0	35	-10	22	545	241	3906
North Shore	13234	4766	4063	5497	1534	1327	3805	4026	2297	1978	390	1400	47	1217	499	1181	2000	246	167	328	78	2019	66	539	4116	1514	58333
Waiʻanae	35696	13611	11656	17044	4984	4215	11003	19180	8124	5358	1121	1480	321	3252	1454	1360	1142	681	959	978	143	96	957	1548	11845	4578	162785
Makiki-Mānoa	10175	3647	158	189	227	370	3675	5668	2126	1351	75	396	8	419	72	-66	-16	-30	40	45	3	2	-6	250	13	228	29020
UH Mānoa	767	507	365	75	97	30	157	504	135	73	12	35	0	63	6	-11	-19	18	1	7	0	0	-2	30	62	245	3159
Ala Moana Center	1718	553	345	240	124	262	954	310	181	104	0	27	0	35	6	16	2	10	28	29	1	1	0	3	75	0	5024
Total	*457392*	*161554*	*138241*	*310673*	*43471*	*46470*	*171812*	*240222*	*100214*	*97228*	*24206*	*72596*	*5765*	*50629*	*14414*	*18604*	*14535*	*5958*	*10035*	*11279*	*1917*	*3594*	*1494*	*15427*	*85463*	*69679*	*2172871*

Table 5-14. Non-Home Based Direct Demand User Benefits in Minutes (Production to Attraction Format) —Project vs. TSM Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-3101	429	0	0	0	0	7735	9321	0	615	230	241	0	7749	494	0	0	0	0	0	0	0	0	0	0	8889	32603
Kakaʻako	562	0	0	0	0	0	1413	1734	0	80	47	41	0	1597	102	0	0	0	0	0	0	0	0	0	0	-82	5495
Mōʻiliʻili	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waikīkī	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palama-Liliha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kalihi-Iwilei	6328	1396	0	0	0	0	177	2242	0	267	195	87	0	6000	369	0	0	0	0	0	0	0	0	0	0	4032	21093
Airport-Pearl Harbor	6569	1333	0	0	0	0	459	-236	0	424	892	657	0	16733	1032	0	0	0	0	0	0	0	0	0	0	3798	31661
Salt Lake-Āliamanu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl City-ʻAiea	553	137	0	0	0	0	275	299	0	0	142	107	0	2685	167	0	0	0	0	0	0	0	0	0	0	241	4605
ʻEwa	190	46	0	0	0	0	167	811	0	219	120	378	0	6320	380	0	0	0	0	0	0	0	0	0	0	81	8710
Kapolei	116	38	0	0	0	0	64	512	0	120	359	0	0	6067	379	0	0	0	0	0	0	0	0	0	0	31	7685
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waipahu-Waikele	6469	1421	0	0	0	0	6421	15696	0	2752	5367	6018	0	10234	374	0	0	0	0	0	0	0	0	0	0	4165	58919
Waiawa	415	91	0	0	0	0	394	970	0	171	319	373	0	289	0	0	0	0	0	0	0	0	0	0	0	263	3285
Mililani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kāneʻohe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kailua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiʻanae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Makiki-Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ala Moana Center	10077	172	0	0	0	0	4628	4398	0	277	112	60	0	3955	247	0	0	0	0	0	0	0	0	0	0	0	23926
Total	*28178*	*5062*	*0*	*0*	*0*	*0*	*21732*	*35747*	*0*	*4926*	*7783*	*7963*	*0*	*61630*	*3545*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*21417*	*197982*

Table 5-15. To and From School/College User Benefits in Minutes (Production to Attraction Format) —Project vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-26	-134	99	28	-563	495	418	75	251	34	19	145	0	1011	0	10	0	-2	14	2	-8	0	0	204	2684	0	4758
Kakaʻako	209	-359	222	15	-622	1012	2019	26	144	26	0	307	0	1388	0	0	0	7	59	22	2	0	-2	360	2866	0	7701
Mōʻiliʻili	453	-19	194	-12	-1424	304	867	12	61	0	4	111	0	1667	0	0	0	18	39	14	49	0	0	138	2984	0	5460
Waikīkī	342	-6	190	11	2048	14	272	17	22	5	0	217	0	601	0	0	-1	-11	2	0	4	0	0	11	1591	0	5327
Kaimukī-Waiʻalae	261	-60	450	134	1456	170	313	29	54	11	0	250	0	1001	9	1	0	264	5	1	39	0	-6	273	1538	0	6191
Palama-Liliha	1430	-34	184	7	456	1470	889	241	555	491	0	652	0	3104	47	0	8	16	362	70	76	4	5	316	5702	0	16053
Kalihi-Iwilei	982	189	172	14	156	1946	-598	62	632	358	0	214	0	1468	33	4	5	47	138	20	25	5	0	320	1838	0	8030
Airport-Pearl Harbor	948	33	34	0	395	309	444	1445	1097	231	3	249	0	1150	22	6	7	11	105	26	53	3	-2	51	3213	0	9833
Salt Lake-Āliamanu	3602	170	255	24	1121	1477	3151	539	1598	1955	39	1297	0	5317	136	41	12	72	309	118	285	4	48	293	14900	0	36762
Pearl City-ʻAiea	6063	302	505	58	3498	1172	4421	269	2558	137	105	2594	80	16199	-35	57	39	200	463	204	759	32	-5	606	30909	0	71188
ʻEwa	6307	1304	2327	174	6304	3525	4686	837	1185	5177	11145	10977	737	13076	293	258	268	786	536	478	1978	105	138	2925	13517	0	89042
Kapolei	3362	785	1465	183	3397	2206	2217	613	666	3173	1873	5214	1957	7551	181	113	168	468	354	252	1196	54	269	1776	7264	0	46756
Makakilo	2220	595	1091	112	2556	1625	1503	380	512	2293	593	1525	1083	3796	109	85	97	304	238	244	1035	59	115	1360	5121	0	28653
Waipahu-Waikele	4762	1319	2129	202	4876	3397	3639	855	1295	3083	-1391	4196	633	13440	771	1108	612	783	436	374	1161	197	-68	2872	21160	0	71840
Waiawa	2970	270	539	93	2454	880	2182	290	388	1312	573	3103	317	8149	163	553	199	215	188	114	473	118	94	677	10343	0	36655
Mililani	4891	344	692	115	3771	1245	2969	296	393	778	218	4437	103	11816	800	5815	1587	268	394	165	101	312	257	900	14802	0	57470
Wahiawa	2123	135	420	57	1920	627	1527	178	264	214	118	1803	24	5106	192	6845	5859	119	180	67	43	609	208	437	10250	0	39326
East Honolulu	344	12	63	6	638	126	-107	49	74	39	29	223	12	858	13	1	-15	329	14	7	15	18	-51	612	3623	0	6932
Kāneʻohe	69	-10	134	140	254	192	-322	151	137	223	4	318	9	1842	29	11	9	7	37	24	0	29	-28	151	7831	0	11240
Kailua	45	-11	94	29	4	163	-406	124	158	128	15	247	0	2245	19	6	-4	3	5	16	0	4	-52	125	7204	0	10161
Koʻolau Loa	33	2	30	4	22	7	-19	7	-5	11	2	26	0	125	0	3	0	3	1	0	0	7	-37	37	1020	0	1279
North Shore	1111	266	521	48	1349	921	771	239	292	200	42	463	12	1327	31	172	520	182	33	92	75	4291	104	695	5860	0	19618
Waiʻanae	3140	444	868	68	3184	1350	2019	325	468	361	169	1956	194	4749	48	56	85	290	273	135	575	31	3048	1020	8484	0	33339
Makiki-Mānoa	596	-20	-126	-4	-374	216	367	16	82	13	0	235	5	1109	0	0	-1	-27	18	8	13	0	0	885	-138	0	2874
UH Mānoa	23	1	206	0	23	-2	1	0	0	1	0	19	0	109	0	0	0	2	1	0	0	0	0	1	31	0	414
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*46262*	*5516*	*12758*	*1507*	*36897*	*24847*	*33219*	*7073*	*12881*	*20255*	*13561*	*40778*	*5167*	*108202*	*2862*	*15145*	*9454*	*4354*	*4202*	*2453*	*7949*	*5884*	*4034*	*17044*	*184597*	*0*	*626903*

Table 5-16. To and From Shopping/Other User Benefits in Minutes (Production to Attraction Format) —Project vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	19	943	1476	-18	-142	-4	2128	1544	963	274	28	91	10	147	-2	7	-29	0	4	-9	0	0	28	-23	53	6103	13592
Kakaʻako	695	-362	892	361	35	961	3306	974	697	210	8	110	1	36	14	74	28	14	74	78	-4	8	8	93	4	3555	11866
Mōʻiliʻili	2493	923	142	-246	128	-266	1542	1084	326	304	16	177	32	102	40	18	10	-29	-5	20	9	0	7	173	189	1620	8809
Waikīkī	-630	-219	-386	493	970	-441	901	812	580	323	6	303	23	93	35	-16	64	-38	-5	-6	-3	-6	-25	-286	346	481	3368
Kaimukī-Waiʻalae	197	579	226	1041	1309	28	1415	1178	400	622	54	177	35	147	77	53	18	71	0	-15	13	37	23	-294	273	1313	8976
Palama-Liliha	3999	5112	1788	189	265	1569	5493	7777	3472	1947	87	313	54	392	90	91	-1	20	147	54	13	15	-8	32	182	8313	41409
Kalihi-Iwilei	2743	3772	1183	570	137	-291	-665	3009	1194	671	23	106	0	190	45	21	-9	1	78	12	0	0	11	242	193	4323	17559
Airport-Pearl Harbor	1145	495	360	216	160	567	1189	1261	2740	678	35	153	20	127	18	20	-15	20	62	62	0	0	49	178	60	550	10150
Salt Lake-Āliamanu	6922	3354	1580	1500	590	2074	8378	10241	3970	5399	248	598	40	687	224	100	37	117	382	279	61	28	73	594	378	3042	50898
Pearl City-ʻAiea	7076	3723	2565	2043	1540	2675	7386	10277	9842	3942	522	1398	193	3121	618	37	-11	217	416	764	178	-4	107	1051	352	3263	63293
ʻEwa	2232	1827	1607	274	742	1110	3314	6496	4514	5674	5970	6817	550	5713	857	738	427	80	175	211	-25	48	38	722	402	1147	51662
Kapolei	1639	1659	903	993	688	705	1450	4222	2338	2964	1047	2904	257	1591	514	274	306	84	231	392	38	2	199	436	321	759	26913
Makakilo	1068	1208	738	691	492	533	852	3129	1812	2380	547	561	43	1235	347	267	248	44	172	150	-69	19	-16	322	179	576	17527
Waipahu-Waikele	2848	1427	1406	284	744	1173	3337	6040	4756	9058	1002	1026	312	3215	658	24	110	180	182	221	55	-14	121	582	146	1345	40236
Waiawa	3804	2880	2203	2164	1547	1525	3356	4634	4372	3416	823	2456	355	4687	75	10	1	419	526	1043	149	-1	254	880	491	2236	44305
Mililani	3303	1111	875	799	240	517	1293	1953	1706	1643	465	975	132	1156	66	22	-9	65	45	70	1	0	106	265	118	1386	18302
Wahiawa	330	689	379	693	12	79	326	517	824	-17	193	698	114	297	-2	-2	-62	-51	-48	-156	0	0	73	-35	74	997	5921
East Honolulu	248	418	-188	147	121	-8	752	1373	691	729	7	155	16	191	133	29	-102	-42	4	8	2	2	-182	-284	42	274	4536
Kāneʻohe	261	1496	715	-17	60	81	1729	2395	1279	1032	158	134	85	346	198	58	-51	3	42	9	0	0	-104	63	27	2275	12276
Kailua	-118	1362	653	-85	18	-113	574	1721	856	733	3	311	24	264	186	1	-169	0	0	0	0	1	-207	45	2	2515	8578
Koʻolau Loa	-17	423	246	-61	-10	-43	330	992	393	458	-23	11	32	163	61	17	0	0	0	0	0	0	-339	71	0	680	3384
North Shore	131	677	603	846	235	11	182	1165	875	-199	49	-123	25	0	0	0	0	8	-2	-3	0	0	-88	219	265	1073	5949
Waiʻanae	346	2173	374	312	43	439	761	4159	2631	2512	270	2998	114	775	540	318	348	-831	-138	-742	-812	-141	1697	-69	105	408	18589
Makiki-Mānoa	1360	326	744	-48	-129	-427	2461	1717	689	540	52	139	46	62	61	13	-24	-102	20	41	1	2	-5	185	31	2535	10290
UH Mānoa	39	-1	3	-16	20	5	70	94	22	0	46	0	0	7	-1	0	0	1	0	6	0	0	-8	1	7	49	345
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*42135*	*35997*	*21082*	*13124*	*9818*	*12455*	*51858*	*78762*	*51942*	*45293*	*11636*	*22487*	*2513*	*24743*	*4853*	*2176*	*1115*	*252*	*2363*	*2489*	*-391*	*-5*	*1812*	*5164*	*4241*	*50817*	*498732*

Table 5-17. Do not Originate/End at Work/Home User Benefits in Minutes (Production to Attraction Format) —Project vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	132	235	88	-7	-19	9	432	250	136	91	10	22	14	20	16	7	3	-2	0	0	1	4	5	18	0	999	2464
Kakaʻako	241	-494	187	13	9	202	503	114	131	60	12	57	7	29	13	11	10	3	11	16	5	4	15	15	3	1661	2841
Mōʻiliʻili	223	3	77	-35	16	11	227	115	52	55	10	21	4	42	10	14	-2	-7	8	10	4	4	-5	130	26	1873	2887
Waikīkī	-30	-25	-14	1269	103	-26	28	46	40	40	-16	14	15	12	11	5	5	-1	-2	-2	-1	-1	-6	-17	12	22	1479
Kaimukī-Waiʻalae	-36	5	-4	87	268	-24	42	87	33	52	11	26	38	26	13	4	-5	7	-4	-3	-2	1	-11	-51	22	105	686
Palama-Liliha	7	148	9	-22	-14	177	-116	378	137	154	9	31	4	66	16	6	-2	-2	8	-1	0	1	7	-18	1	253	1240
Kalihi-Iwilei	533	758	245	64	57	12	-1097	774	675	630	53	71	9	86	37	9	10	4	55	28	10	2	-2	54	53	587	3716
Airport-Pearl Harbor	363	179	144	44	95	372	608	406	1346	380	79	106	18	260	124	19	6	21	38	297	13	18	52	53	39	162	5241
Salt Lake-Āliamanu	170	191	86	52	20	130	740	1115	900	686	68	133	24	317	114	18	23	18	28	95	12	20	66	31	32	129	5219
Pearl City-ʻAiea	172	134	65	45	100	137	344	451	753	-446	111	271	53	696	83	-25	-16	20	65	66	30	-5	35	30	15	144	3326
ʻEwa	6	33	9	-11	22	21	43	94	101	140	1088	342	21	197	41	24	19	8	8	-4	-5	2	3	4	3	36	2244
Kapolei	22	91	41	34	57	32	61	167	171	308	277	1159	103	277	32	29	38	-4	10	33	-1	-4	45	7	8	47	3039
Makakilo	6	30	3	3	3	4	15	25	19	54	28	17	2	55	30	9	14	1	3	3	-1	1	-1	2	2	19	346
Waipahu-Waikele	34	35	52	1	42	37	106	230	278	955	111	192	38	398	141	25	16	8	15	24	26	-1	24	12	19	105	2924
Waiawa	26	36	14	32	27	27	27	91	92	91	33	61	21	136	3	4	0	8	16	28	6	0	24	5	5	42	856
Mililani	9	22	21	12	9	16	12	50	43	-21	17	31	9	27	11	13	0	1	4	14	0	0	9	6	6	33	355
Wahiawa	7	21	1	7	-3	1	2	8	20	-11	14	31	7	14	0	0	-70	-3	-4	-6	0	0	9	-3	0	25	64
East Honolulu	-3	2	-2	2	14	-1	10	40	16	26	1	28	2	16	8	0	-6	0	0	0	0	0	-14	-10	0	3	130
Kāneʻohe	-2	24	11	-3	-1	-3	33	63	55	43	15	19	3	24	13	2	-9	0	0	0	0	0	-16	2	0	34	308
Kailua	-3	43	11	-4	-2	-5	24	74	54	74	35	55	5	37	19	0	-16	0	0	0	0	0	-32	3	0	78	449
Koʻolau Loa	0	16	4	-2	0	-1	12	23	10	17	19	-2	1	23	4	0	0	0	0	0	0	0	-27	1	0	22	119
North Shore	2	8	3	8	3	1	3	15	13	-4	-1	8	8	0	0	0	0	1	0	0	0	0	-4	3	4	24	95
Waiʻanae	-11	40	-7	-7	-11	7	-7	51	28	51	5	46	2	28	25	11	11	-15	-12	-19	-24	-6	25	-5	-3	18	220
Makiki-Mānoa	-5	-18	88	-4	-4	-46	63	69	32	37	15	12	2	15	5	-1	-5	-9	1	1	1	3	-4	41	-9	65	344
UH Mānoa	-3	-35	-48	-6	10	-7	21	24	17	3	9	5	1	4	-2	-6	-7	-1	0	0	0	-1	-3	48	7	-20	10
Ala Moana Center	317	157	-81	-11	47	68	148	40	40	29	12	9	2	8	7	7	6	0	10	12	10	3	-1	16	2	0	859
Total	*2177*	*1638*	*1003*	*1562*	*848*	*1153*	*2284*	*4798*	*5192*	*3492*	*2023*	*2765*	*412*	*2813*	*773*	*187*	*25*	*53*	*260*	*592*	*83*	*45*	*193*	*377*	*245*	*6465*	*41459*

Table 5-18. Ground Access Air Passenger User Benefits in Minutes (Production to Attraction Format) —Project vs. TSM Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	2651	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2651
Kakaʻako	0	0	0	0	0	0	0	3665	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3665
Mōʻiliʻili	0	0	0	0	0	0	0	7177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7177
Waikīkī	0	0	0	0	0	0	0	42798	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42798
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	1189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1189
Palama-Liliha	0	0	0	0	0	0	0	2285	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2285
Kalihi-Iwilei	0	0	0	0	0	0	0	1429	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1429
Airport-Pearl Harbor	0	0	0	0	0	0	0	267	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
Salt Lake-Āliamanu	0	0	0	0	0	0	0	1272	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1272
Pearl City-ʻAiea	0	0	0	0	0	0	0	2452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2452
ʻEwa	0	0	0	0	0	0	0	4421	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4421
Kapolei	0	0	0	0	0	0	0	6438	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6438
Makakilo	0	0	0	0	0	0	0	720	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	720
Waipahu-Waikele	0	0	0	0	0	0	0	2468	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2468
Waiawa	0	0	0	0	0	0	0	1908	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1908
Mililani	0	0	0	0	0	0	0	1231	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1231
Wahiawa	0	0	0	0	0	0	0	546	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	546
East Honolulu	0	0	0	0	0	0	0	664	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	664
Kāneʻohe	0	0	0	0	0	0	0	573	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	573
Kailua	0	0	0	0	0	0	0	1483	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1483
Koʻolau Loa	0	0	0	0	0	0	0	647	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	647
North Shore	0	0	0	0	0	0	0	278	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	278
Waiʻanae	0	0	0	0	0	0	0	1015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1015
Makiki-Mānoa	0	0	0	0	0	0	0	2152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2152
UH Mānoa	0	0	0	0	0	0	0	125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*89852*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*89852*

Table 5-19. Visitor User Benefits in Minutes (Production to Attraction Format) —Project vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	37	8	111	1	74	301	0	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	883	1521
Kakaʻako	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	0	0	22
Mōʻiliʻili	3967	301	0	-350	109	110	1060	3723	0	1458	0	0	0	0	0	0	0	58	0	0	211	541	0	-34	15	2	11172
Waikīkī	-4427	-44	254	1145	11427	-119	1058	52691	114	17762	0	0	0	5247	0	163	308	14	0	0	-303	-305	136	-1494	-149	2647	86125
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palama-Liliha	0	0	0	0	0	0	196	474	48	0	0	0	0	273	0	0	0	0	0	0	0	0	0	0	0	0	991
Kalihi-Iwilei	1	4	13	117	24	0	-1	59	54	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	211	500
Airport-Pearl Harbor	2381	170	447	6691	1997	1214	398	2537	0	565	0	0	0	62	0	0	0	179	0	0	119	128	0	104	150	4653	21796
Salt Lake-Āliamanu	0	4352	125	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4484
Pearl City-ʻAiea	194	10	38	454	66	99	37	43	0	36	0	0	0	0	0	0	0	13	128	0	8	-2	0	7	9	483	1623
ʻEwa	-4	-1	-1	-9	0	0	0	3	0	2	0	0	0	0	0	0	0	-1	0	32	-1	0	0	-1	0	6	25
Kapolei	5796	470	1030	17128	2027	259	895	7095	0	2174	0	0	0	0	0	0	0	365	0	0	0	421	0	211	343	18759	56972
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	0	0	0	0	634	0	0	0	0	0	0	0	0	0	0	0	0	634
Waiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mililani	0	0	153	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	182
Wahiawa	51	3	7	183	24	2	0	42	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	191	508
East Honolulu	-4	2	2	15	46	1	1	234	0	93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	406
Kāneʻohe	-7	0	58	9	71	-1	40	118	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	477	812
Kailua	-3	41	20	3	29	0	17	62	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	270	460
Koʻolau Loa	-17	0	156	28	31	-2	111	328	0	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1600	2358
North Shore	0	12	35	514	50	-1	0	75	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	-3	504	1199
Waiʻanae	383	18	70	1229	80	11	48	888	0	163	0	0	0	0	0	0	0	-11	0	0	-1	0	0	-18	10	719	3590
Makiki-Mānoa	0	6	0	1	6	-1	223	534	0	12	0	23	0	585	0	0	36	1	0	0	0	124	0	0	0	0	1550
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	349	0	0	0	0	0	0	0	0	0	0	0	0	349
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*8313*	*5345*	*2447*	*27166*	*16100*	*1601*	*4157*	*69214*	*216*	*22595*	*0*	*23*	*0*	*7150*	*0*	*163*	*344*	*618*	*128*	*32*	*33*	*906*	*158*	*-1228*	*376*	*31420*	*197278*

Table 5-20. Total User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	959	2915	9412	13784	2121	465	14125	20380	3054	3844	377	1815	43	8214	583	145	-44	-385	99	67	4	4	76	662	10514	19601	112834
Kakaʻako	7671	-783	7459	11497	3674	3207	16581	15241	3925	3271	221	1614	42	3425	431	238	142	341	193	239	-4	30	146	1099	5362	7319	92583
Mōʻiliʻili	46929	19024	4640	9281	543	4082	22636	24958	4378	6191	334	2065	147	3791	354	95	67	732	464	464	254	521	58	742	3775	15438	171962
Waikīkī	109278	18200	7472	-757	19961	4020	36707	147221	4000	31858	291	2263	79	9330	580	382	472	406	558	958	5028	8134	216	-8371	11696	77346	487327
Kaimukī-Waiʻalae	25618	12000	8011	7798	8255	3430	11299	10159	3100	3701	316	1771	147	1892	379	213	115	1811	216	268	152	64	90	914	3211	11002	115933
Palama-Liliha	22101	12813	8155	8713	5086	11187	14125	26372	7255	8155	486	2918	165	4925	549	302	90	360	747	378	97	27	38	953	8984	12610	157588
Kalihi-Iwilei	22930	15141	9392	12593	3278	2419	3878	16884	5653	5379	377	2120	43	7998	755	158	93	475	610	296	68	10	55	1220	7253	12356	131434
Airport-Pearl Harbor	19007	4478	4102	13423	3727	3493	6454	8074	9167	6130	1080	3137	91	17791	2161	185	96	522	460	596	227	156	114	496	7637	10173	122975
Salt Lake-Āliamanu	29507	15620	7692	8572	4180	5582	23906	45420	21828	10208	906	4731	309	8989	1548	716	347	393	1003	840	276	113	344	1307	19192	5382	218910
Pearl City-ʻAiea	63982	18551	14826	15991	9934	10014	36418	50975	29899	52781	2910	17466	1039	33699	3235	2020	798	1446	3048	2965	1344	168	660	3254	40592	9257	427273
ʻEwa	76670	26593	25397	74600	16538	10906	30243	31993	15222	23556	37835	97696	5407	36280	4495	4446	2933	2808	2176	2830	2696	549	3580	6543	33141	8234	583366
Kapolei	50588	16050	16256	60139	13216	7638	19737	33031	9807	18956	20136	73795	6476	32652	4475	3349	2821	3404	1905	2361	2003	813	4067	4394	19503	34053	461627
Makakilo	24001	8664	8522	20935	6090	4463	10079	10282	5685	8765	6191	30259	1911	8821	1675	1772	1349	1049	950	1118	1283	215	2013	2599	10956	2808	182456
Waipahu-Waikele	59234	15046	27134	84892	10250	7997	24104	37376	13179	29228	11675	42718	3044	40891	8307	5826	2569	1890	1359	1676	1913	449	1325	4896	34530	12094	483604
Waiawa	35267	10053	16579	47349	7637	4525	14360	20516	10932	6397	4749	23491	1719	31288	4009	6661	1808	1252	1422	1753	693	224	1120	2401	18854	7413	282471
Mililani	42427	12714	12155	14512	9027	5125	16031	19353	9399	14479	3920	19430	1077	21565	6312	15023	5993	1309	1329	1332	148	679	1215	2540	25252	4781	267126
Wahiawa	20971	6907	6635	8800	5227	2632	7690	10018	5083	6456	1905	10632	655	9161	1644	11741	10531	669	554	492	48	952	948	1536	15705	3241	150833
East Honolulu	-2245	4931	4818	4136	3541	-518	2309	6755	1856	2173	302	2309	99	1678	197	170	-64	2717	-140	-131	-165	49	-28	-943	1318	5689	40812
Kāneʻohe	-400	3761	2736	5689	2109	178	2829	9902	1965	4602	432	2546	234	3068	536	296	-38	10	87	47	0	31	62	340	10415	4087	55524
Kailua	-991	4005	2796	5040	1838	110	1728	8801	1235	3612	451	2696	139	3312	400	132	-184	47	9	34	0	10	6	245	9843	4341	49654
Koʻolau Loa	273	681	881	2830	744	-32	501	2881	47	1173	135	1532	44	522	68	41	3	-53	4	0	0	43	-295	107	2113	2530	16770
North Shore	14691	5897	5746	7863	4498	2263	4897	6323	3120	2843	642	4339	196	3040	630	1487	2525	619	197	419	153	6310	199	1548	10889	3176	94509
Waiʻanae	44066	17674	15707	22878	11598	6601	16084	27018	12151	11017	3285	21536	1249	10584	2713	2913	2231	1241	1445	990	96	121	24788	3338	20775	7244	289344
Makiki-Mānoa	13144	3450	4147	5321	1906	-179	7931	9942	2224	2665	141	1265	68	2334	161	4	2	33	97	125	109	150	33	1016	2264	4182	62537
UH Mānoa	11816	2139	1165	1348	542	781	4550	4411	459	514	185	440	18	3734	236	10	-20	47	65	72	15	4	24	-14	-9	3168	35701
Ala Moana Center	8041	875	504	1940	369	258	4294	3196	171	343	84	242	3	2515	208	25	10	55	27	47	4	4	3	34	867	0	24119
Total	*745536*	*257398*	*232338*	*469168*	*155890*	*100647*	*353495*	*607480*	*184795*	*268297*	*99367*	*374827*	*24444*	*311501*	*46641*	*58348*	*34644*	*23200*	*18883*	*20236*	*16441*	*19829*	*40856*	*32855*	*334630*	*287526*	*5119271*

Table 5-21. To and From Work User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	1373	1376	4014	7673	1143	80	3727	7460	2002	2645	97	819	15	819	88	105	-16	-104	35	29	1	2	43	243	913	5038	39619
Kakaʻako	6270	159	4044	9043	1948	1420	9617	8755	3080	2812	158	861	32	724	315	133	97	163	64	145	2	11	63	365	1422	2288	53991
Mōʻiliʻili	30693	14416	3596	5037	453	2143	13586	10694	3642	3825	191	1290	70	829	245	35	19	229	263	309	1	2	38	263	1049	5309	98229
Waikīkī	20495	8227	3703	-113	1609	1529	8967	6045	2948	2489	99	580	31	447	259	157	45	164	237	316	19	26	8	71	973	2657	61988
Kaimukī-Waiʻalae	21700	8691	4916	5916	2267	2158	6993	6411	2262	2610	191	760	87	607	217	74	47	558	131	177	30	9	24	360	711	4098	72006
Palama-Liliha	16347	7973	4434	6795	1972	1642	5796	14451	2707	4936	334	1458	62	1212	406	194	86	188	326	260	16	8	11	464	1269	4311	77661
Kalihi-Iwilei	12688	9126	5686	7519	1535	428	2426	8918	2564	3110	141	1116	31	799	224	117	85	131	323	235	25	2	49	429	893	4586	63187
Airport-Pearl Harbor	8023	2399	1783	2169	450	1024	2840	2239	3280	2086	135	629	36	2275	939	79	56	58	247	176	26	5	18	199	484	1414	33068
Salt Lake-Āliamanu	22075	8423	5327	6854	1645	2344	11496	26542	7809	7205	508	2449	190	2956	1047	436	227	156	583	574	31	40	115	632	1781	2932	114377
Pearl City-ʻAiea	46130	13555	10086	11906	2804	4967	21404	32358	14253	16309	1711	10085	473	9004	1795	859	326	617	1769	1543	159	29	252	1169	5204	4279	213046
ʻEwa	67136	22966	20196	72464	8192	6103	21698	18934	8959	11790	12397	54452	2819	8860	2273	2665	1935	1566	1386	1826	549	291	2249	2538	17903	6662	378810
Kapolei	34479	11769	10906	32815	4532	3711	12811	11453	5839	8940	9922	39754	2717	8923	2348	2359	1936	875	1006	1160	272	183	1605	1484	9597	3831	225226
Makakilo	20317	6523	6233	19363	2535	2174	7289	5673	3096	3982	3848	14391	650	3278	893	1065	858	477	474	547	173	92	743	733	5482	2007	112897
Waipahu-Waikele	46069	11011	21654	81268	3896	3355	11156	14282	6768	11929	3489	16134	1052	7981	3081	2273	1192	666	690	919	279	149	349	1280	8629	7875	267426
Waiawa	27598	6613	13062	44378	2462	1931	7916	11851	5617	5530	2480	12368	763	8223	1269	2467	741	381	574	597	51	90	353	750	5688	4819	168570
Mililani	33475	11001	9828	12966	4025	3257	11169	14078	6547	9832	2780	11336	711	5552	2153	3991	2517	667	820	981	15	340	503	1211	9664	3232	162650
Wahiawa	18403	6103	5349	7500	2180	1896	5763	7664	3715	5409	1422	6594	416	3023	1001	3182	4265	386	448	560	4	342	398	982	5434	2018	94459
East Honolulu	-1569	2813	3443	2175	1061	-178	575	4134	1028	1160	168	684	48	466	57	49	-19	601	-60	-16	-15	2	51	-309	26	2364	18739
Kāneʻohe	-841	2377	1401	3674	710	112	1323	6495	1010	2717	178	1117	84	772	233	131	6	69	9	15	0	2	31	164	1276	1318	24382
Kailua	-1058	2673	1550	3851	805	184	1571	4939	897	2130	239	912	62	687	144	71	1	76	4	18	0	5	35	165	1355	1545	22858
Koʻolau Loa	242	289	296	879	175	15	55	808	-78	281	50	225	8	116	12	4	3	-4	3	0	0	35	-4	44	648	216	4319
North Shore	13500	4845	4300	6031	1821	1386	3853	4093	2099	1943	335	1688	62	1294	530	1185	2000	334	167	330	78	2019	98	559	4281	1558	60389
Waiʻanae	38335	14000	12255	17694	5869	4297	11667	18653	7879	5562	2237	8879	672	4463	1656	1572	1345	959	984	1070	164	114	5598	1757	11563	4513	183758
Makiki-Mānoa	11576	3443	1837	4671	962	245	4462	5558	1702	1982	83	663	12	537	112	-25	-7	110	63	70	6	4	17	253	311	1011	39659
UH Mānoa	3086	1833	1072	1010	174	355	1135	895	311	300	21	61	0	151	8	-5	-16	24	26	60	10	0	0	6	-20	1165	11661
Ala Moana Center	1571	555	370	1276	255	199	897	361	145	120	1	54	0	40	17	7	2	46	18	30	1	1	2	16	200	0	6184
Total	*498111*	*183160*	*161339*	*374813*	*55479*	*46777*	*190193*	*253745*	*100079*	*121633*	*43215*	*189360*	*11103*	*74038*	*21320*	*23181*	*17732*	*9394*	*10589*	*11932*	*1895*	*3801*	*12651*	*15830*	*96736*	*81046*	*2609155*

Table 5-22. Non-Home Based Direct Demand User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-2457	332	2011	4093	0	0	6975	7810	0	538	204	597	0	6164	473	0	0	0	0	0	0	0	0	0	4698	5439	36878
Kakaʻako	426	0	15	565	0	0	1229	1383	0	69	41	104	0	1238	95	0	0	0	0	0	0	0	0	0	-641	-49	4474
Mōʻiliʻili	2402	-90	-37	-235	0	0	822	914	0	56	34	81	0	911	68	0	0	0	0	0	0	0	0	0	-844	117	4200
Waikīkī	4768	430	-249	-260	0	0	2651	3049	0	221	77	197	0	2412	185	0	0	0	0	0	0	0	0	0	0	2277	15758
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palama-Liliha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kalihi-Iwilei	5649	1246	897	3010	0	0	113	2095	0	264	204	337	0	5456	403	0	0	0	0	0	0	0	0	0	2672	2846	25191
Airport-Pearl Harbor	5353	1097	1023	3141	0	0	618	-41	0	374	837	1912	0	13881	1029	0	0	0	0	0	0	0	0	0	2832	2439	34496
Salt Lake-Āliamanu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl City-ʻAiea	481	119	55	253	0	0	275	276	0	0	144	367	0	2403	180	0	0	0	0	0	0	0	0	0	119	166	4839
ʻEwa	168	39	40	75	0	0	173	734	0	207	106	2487	0	5309	382	0	0	0	0	0	0	0	0	0	117	58	9895
Kapolei	324	99	70	177	0	0	263	1480	0	392	2276	3541	0	11785	858	0	0	0	0	0	0	0	0	0	258	86	21610
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waipahu-Waikele	5155	1135	1149	2200	0	0	5890	13304	0	2476	4818	11292	0	8591	374	0	0	0	0	0	0	0	0	0	3189	2628	62202
Waiawa	398	88	87	169	0	0	434	989	0	185	343	801	0	297	0	0	0	0	0	0	0	0	0	0	240	199	4230
Mililani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kāneʻohe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kailua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiʻanae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Makiki-Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UH Mānoa	7338	-398	-627	0	0	0	2530	3142	0	146	114	301	0	3015	225	0	0	0	0	0	0	0	0	0	0	462	16249
Ala Moana Center	6155	122	15	475	0	0	3241	2801	0	190	80	144	0	2463	185	0	0	0	0	0	0	0	0	0	636	0	16507
Total	*36160*	*4220*	*4448*	*13664*	*0*	*0*	*25215*	*37935*	*0*	*5119*	*9278*	*22161*	*0*	*63926*	*4457*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*13276*	*16669*	*256530*

Table 5-23. To and From School/College User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	110	-188	659	98	478	246	455	82	121	102	10	151	0	986	0	8	0	-6	31	6	2	0	0	214	4532	0	8095
Kakaʻako	-68	-427	1130	98	571	658	2021	26	124	65	0	314	0	1387	0	0	0	104	60	9	-3	0	1	526	4189	0	10786
Mōʻiliʻili	2211	221	44	68	-1193	784	2456	23	67	47	17	177	0	1857	0	0	0	298	66	13	50	0	0	705	2780	0	10689
Waikīkī	1602	-102	1225	-15	1260	311	1715	32	34	33	0	353	0	691	0	0	3	105	80	5	40	0	0	116	2233	0	9720
Kaimukī-Waiʻalae	947	0	847	118	1219	631	1097	47	82	72	2	309	0	1026	9	2	0	698	46	4	62	0	20	383	1651	0	9273
Palama-Liliha	1050	-161	358	20	1835	7239	931	214	469	654	0	721	0	2995	41	1	8	87	257	55	66	4	17	350	6846	0	24057
Kalihi-Iwilei	944	150	508	54	880	818	704	76	597	496	0	250	0	1536	35	2	5	111	161	27	26	5	0	519	2970	0	10873
Airport-Pearl Harbor	890	31	38	0	509	277	550	1523	1339	805	7	260	0	1125	25	8	7	17	103	30	49	3	3	44	3847	0	11490
Salt Lake-Āliamanu	2769	135	250	34	1542	1107	2696	2360	6041	121	37	1277	0	4979	135	40	12	81	235	50	196	2	75	231	16863	0	41268
Pearl City-ʻAiea	6796	273	586	44	4259	1118	4761	428	2338	8046	184	3222	111	16890	304	160	77	250	508	186	802	43	136	620	34430	0	86571
ʻEwa	6406	1314	2456	289	6586	3467	4593	883	1235	4971	14205	14494	1469	13285	350	285	248	943	534	451	2073	114	1039	3051	14396	0	99137
Kapolei	3404	845	1443	196	3733	2311	2539	623	706	3380	4216	14348	2884	7986	240	153	196	581	351	307	1505	85	1959	1887	7733	0	63614
Makakilo	2242	587	1012	88	2629	1565	1558	353	543	2154	1328	3720	1007	3504	140	112	112	363	238	250	1068	89	1027	1364	5124	0	32177
Waipahu-Waikele	4650	1275	2343	255	5120	3296	3374	861	1102	2926	724	6076	1201	15512	1929	1720	801	931	433	368	1497	233	707	2913	22415	0	82660
Waiawa	3267	342	701	81	3132	975	2507	278	388	797	915	4055	461	14135	1191	1412	619	279	237	122	489	122	393	756	12188	0	49841
Mililani	4849	374	867	117	4011	1216	3068	269	381	775	288	4702	108	12021	1929	4626	1962	408	404	184	95	312	409	994	15235	0	59603
Wahiawa	2186	158	478	60	2218	674	1551	191	265	198	126	1868	28	5119	358	6881	5860	203	172	82	43	609	379	514	10129	0	40347
East Honolulu	-801	-72	64	12	1119	-378	-8	37	73	51	13	321	15	938	23	-6	-15	1787	-13	-7	-138	10	49	169	1255	0	4497
Kāneʻohe	52	-35	147	316	868	-15	-344	131	60	378	17	419	22	1830	57	20	15	41	36	23	0	29	25	157	8729	0	12976
Kailua	45	-36	165	54	605	62	-423	89	112	249	6	397	0	2174	19	16	0	28	5	16	0	4	58	107	8032	0	11785
Koʻolau Loa	33	-1	22	6	74	1	-11	13	-13	26	12	31	0	145	0	3	0	6	1	0	0	7	-3	42	1168	0	1563
North Shore	1115	328	573	58	1513	872	778	244	266	184	38	472	18	1335	40	174	520	218	32	91	75	4291	127	772	6073	0	20209
Waiʻanae	3179	468	904	56	3481	1304	2079	310	530	404	218	2854	259	4516	38	117	96	431	281	151	596	40	16580	1186	8334	0	48411
Makiki-Mānoa	703	-60	833	42	392	281	903	18	62	51	0	223	19	1124	0	0	0	36	19	10	67	0	0	699	1900	0	7319
UH Mānoa	204	0	212	0	131	123	121	0	5	11	0	32	0	146	0	0	0	6	15	0	0	0	0	-4	0	0	1002
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*48784*	*5419*	*17863*	*2149*	*46970*	*28941*	*39671*	*9111*	*16929*	*26996*	*22363*	*61044*	*7601*	*117240*	*6864*	*15736*	*10526*	*8007*	*4292*	*2431*	*8660*	*6001*	*22999*	*18315*	*203053*	*0*	*757963*

Table 5-24. To and From Shopping/Other User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	913	1122	2380	1195	350	93	2426	1689	840	317	50	143	23	216	7	16	-29	-250	29	29	0	0	23	162	287	7106	19140
Kakaʻako	731	-74	1840	1606	990	916	3240	1126	631	241	14	253	1	40	7	81	35	69	58	64	-7	8	35	169	329	3428	15831
Mōʻiliʻili	7353	4012	674	742	1129	978	4485	1408	611	630	60	448	69	143	26	48	46	200	107	120	8	0	15	82	282	7907	31580
Waikīkī	10233	5785	2890	59	4003	326	3850	1163	850	768	90	1055	37	191	107	34	75	100	31	102	25	66	32	-302	1088	6264	38923
Kaimukī-Waiʻalae	2861	3102	2130	1683	4020	630	3032	1591	691	889	91	567	50	205	123	116	49	498	30	72	55	42	15	195	775	6463	29975
Palama-Liliha	4679	4855	3316	1852	1250	2095	6916	8532	3862	2376	119	662	96	397	85	89	-3	84	162	64	15	15	-5	156	840	8024	50533
Kalihi-Iwilei	2970	3874	1958	1632	629	846	599	3261	1721	802	5	296	1	125	46	23	-8	43	78	5	0	0	2	203	605	4099	23813
Airport-Pearl Harbor	1251	524	505	303	275	586	1372	1525	3018	1780	35	185	27	160	28	57	9	46	70	81	0	0	53	139	115	581	12723
Salt Lake-Āliamanu	4511	2550	1912	1588	912	1901	8961	13581	6799	2152	285	792	76	705	231	189	75	124	161	88	38	53	108	421	512	2296	51020
Pearl City-ʻAiea	10185	4444	3923	3194	2679	3649	9588	14362	12526	27036	756	3252	402	4424	965	868	364	504	574	1149	338	76	182	1417	783	4160	111798
ʻEwa	2925	2254	2674	1757	1705	1321	3713	6697	4949	6414	9709	25102	1068	8402	1383	1431	721	283	252	483	76	134	265	947	703	1468	86833
Kapolei	2694	2357	2005	2477	1628	1162	2299	4643	3045	3550	2751	12610	680	3061	844	692	606	357	489	834	192	73	408	741	841	1243	52282
Makakilo	1433	1532	1261	1474	918	718	1214	3270	2024	2572	976	11755	265	1932	604	567	369	206	234	316	40	31	232	500	345	778	35567
Waipahu-Waikele	3268	1550	1932	1129	1194	1295	3563	6037	5034	10744	2298	8365	711	7070	2567	1547	500	279	213	345	118	54	224	687	284	1540	62548
Waiawa	3968	2963	2701	2699	2017	1600	3468	5219	4827	-192	961	6017	466	8226	1393	2551	422	571	586	1015	148	14	348	878	729	2363	55954
Mililani	4090	1297	1277	1409	967	613	1774	3050	2405	3780	806	3247	236	3748	2034	5794	1413	229	91	151	36	24	273	329	334	1499	40907
Wahiawa	331	624	786	1054	790	61	373	1218	1074	805	332	2088	199	945	262	1544	357	72	-62	-143	0	0	153	45	136	1006	14050
East Honolulu	-358	2118	1221	528	932	41	1644	1484	748	832	116	1238	34	243	110	114	-29	117	-57	-101	-31	11	-117	-778	-2	2820	12879
Kāneʻohe	389	1398	1115	1159	443	85	1772	2548	866	1394	214	933	123	425	232	138	-51	-102	42	10	0	0	3	22	365	2258	15782
Kailua	24	1287	1041	901	382	-129	541	1809	192	1120	135	1274	68	383	207	35	-169	-53	0	0	0	0	-93	-27	424	2441	11793
Koʻolau Loa	-2	384	400	526	276	-45	340	1061	127	701	58	1247	33	235	50	31	0	-57	0	0	0	0	-277	58	204	680	6029
North Shore	74	702	831	1278	1095	5	262	1538	744	669	258	2134	112	389	58	123	4	66	-2	-3	0	0	-25	215	514	1089	12132
Waiʻanae	1560	3122	2345	2408	1937	977	2152	5377	3696	4316	810	9685	313	1556	993	1192	771	-171	185	-218	-643	-31	2534	417	787	1124	47192
Makiki-Mānoa	809	68	1363	603	488	-647	2295	1791	420	576	51	322	35	62	44	27	-23	-101	13	36	23	2	16	53	52	2895	11275
UH Mānoa	1010	540	382	279	164	215	613	147	107	20	43	2	1	18	0	11	0	16	1	1	0	0	20	-17	4	1175	4750
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*67901*	*52390*	*42860*	*33531*	*31173*	*19293*	*70492*	*94128*	*61806*	*74290*	*21022*	*93671*	*5125*	*43299*	*12406*	*17319*	*5506*	*3129*	*3287*	*4500*	*432*	*571*	*4425*	*6712*	*11336*	*74707*	*855310*

Table 5-25. Do not Originate/End at Work/Home User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. No Build Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	1020	273	252	106	28	46	472	229	91	129	16	104	5	29	15	16	0	-39	3	3	1	3	10	49	34	1120	4015
Kakaʻako	312	-441	430	184	165	213	473	155	90	84	9	81	9	36	14	24	10	5	11	21	5	11	21	39	64	1653	3680
Mōʻiliʻili	379	173	365	22	153	69	339	190	59	141	32	69	8	51	15	12	2	5	28	23	6	7	5	95	63	2103	4412
Waikīkī	98	182	-47	102	216	-5	161	81	47	90	25	78	10	22	29	16	19	8	5	6	3	8	5	-18	45	83	1270
Kaimukī-Waiʻalae	110	207	118	81	748	12	177	118	65	130	33	135	10	54	29	20	20	56	9	15	4	14	30	-25	74	442	2687
Palama-Liliha	25	145	47	46	29	211	286	395	168	189	33	76	7	48	17	18	-2	1	1	0	0	1	14	-17	29	275	2041
Kalihi-Iwilei	679	740	331	180	208	326	36	776	717	685	27	120	11	83	46	16	11	33	49	29	18	3	5	72	108	624	5933
Airport-Pearl Harbor	426	207	165	113	113	389	598	-160	1530	409	65	152	28	286	141	40	24	35	42	309	21	12	39	72	53	184	5294
Salt Lake-Āliamanu	152	158	75	97	81	230	753	1422	1180	730	76	213	43	350	135	51	32	31	24	127	10	18	45	23	36	155	6249
Pearl City-ʻAiea	194	150	141	83	120	181	351	547	783	1351	114	541	54	979	-8	133	31	40	68	87	37	18	91	45	28	169	6326
ʻEwa	35	20	31	23	54	15	65	81	79	171	1418	1161	51	423	109	66	29	17	4	38	-1	11	27	7	21	34	3986
Kapolei	83	208	126	66	103	56	119	222	217	554	971	3542	195	897	187	145	83	80	58	59	34	28	95	40	31	75	8275
Makakilo	9	21	17	10	8	6	18	26	22	56	40	393	-11	108	38	27	11	3	5	5	1	3	12	2	4	23	856
Waipahu-Waikele	92	76	56	39	40	51	121	268	276	1153	347	851	80	1227	356	286	77	15	22	44	20	13	44	16	13	51	5634
Waiawa	36	46	29	22	26	19	36	84	100	77	50	249	29	407	156	232	26	21	25	19	6	0	27	16	8	32	1780
Mililani	13	42	26	20	24	10	21	48	67	92	47	145	22	245	196	611	101	5	14	16	2	3	29	6	19	50	1873
Wahiawa	-1	20	14	20	12	0	3	25	29	32	26	82	13	75	23	134	49	0	-4	-6	0	0	18	-1	2	25	588
East Honolulu	-26	24	4	9	48	-11	12	46	7	36	5	66	3	30	8	14	-2	4	-10	-7	-6	1	-11	-22	-1	24	246
Kāneʻohe	0	22	14	19	10	-3	38	68	29	62	23	77	5	41	14	7	-8	-6	0	0	0	0	3	1	11	34	458
Kailua	-1	40	20	29	14	-6	23	86	34	89	71	113	9	68	29	10	-16	-4	0	0	0	0	6	2	19	85	720
Koʻolau Loa	0	9	6	10	5	-1	5	24	10	30	15	29	3	26	5	3	0	-4	0	0	0	0	-11	1	7	34	208
North Shore	2	9	7	12	14	1	3	27	10	18	10	46	5	22	2	4	0	2	0	0	0	0	-1	3	7	24	227
Waiʻanae	8	11	28	19	18	2	1	50	46	110	19	119	5	50	26	31	19	-9	-6	-13	-21	-4	77	-2	3	16	603
Makiki-Mānoa	-28	-9	113	7	23	-60	46	62	40	41	7	33	3	27	5	1	-5	-13	2	9	9	3	0	18	1	59	395
UH Mānoa	179	164	126	59	74	89	150	66	37	38	7	43	17	23	3	3	-4	1	24	10	5	4	5	1	8	366	1498
Ala Moana Center	316	199	119	189	115	59	156	34	27	33	3	44	3	11	7	18	7	9	9	17	4	3	1	18	31	0	1428
Total	*4113*	*2696*	*2615*	*1567*	*2449*	*1899*	*4463*	*4973*	*5759*	*6530*	*3489*	*8566*	*615*	*5617*	*1594*	*1938*	*514*	*293*	*383*	*811*	*157*	*160*	*585*	*443*	*715*	*7738*	*70680*

Table 5-26. Ground Access Air Passenger User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	2785	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2785
Kakaʻako	0	0	0	0	0	0	0	3796	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3796
Mōʻiliʻili	0	0	0	0	0	0	0	7890	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7890
Waikīkī	0	0	0	0	0	0	0	57962	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57962
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	1993	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1993
Palama-Liliha	0	0	0	0	0	0	0	2306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2306
Kalihi-Iwilei	0	0	0	0	0	0	0	1691	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1691
Airport-Pearl Harbor	0	0	0	0	0	0	0	235	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	235
Salt Lake-Āliamanu	0	0	0	0	0	0	0	1509	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1509
Pearl City-ʻAiea	0	0	0	0	0	0	0	2949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2949
ʻEwa	0	0	0	0	0	0	0	4658	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4658
Kapolei	0	0	0	0	0	0	0	8275	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8275
Makakilo	0	0	0	0	0	0	0	959	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	959
Waipahu-Waikele	0	0	0	0	0	0	0	2624	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2624
Waiawa	0	0	0	0	0	0	0	2094	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2094
Mililani	0	0	0	0	0	0	0	1907	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1907
Wahiawa	0	0	0	0	0	0	0	857	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	857
East Honolulu	0	0	0	0	0	0	0	807	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	807
Kāneʻohe	0	0	0	0	0	0	0	543	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	543
Kailua	0	0	0	0	0	0	0	1815	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1815
Koʻolau Loa	0	0	0	0	0	0	0	647	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	647
North Shore	0	0	0	0	0	0	0	311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	311
Waiʻanae	0	0	0	0	0	0	0	1525	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1525
Makiki-Mānoa	0	0	0	0	0	0	0	1968	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1968
UH Mānoa	0	0	0	0	0	0	0	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*112265*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*112265*

Table 5-27. Visitor User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. No Build Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	95	621	122	1	68	325	0	115	0	0	0	0	0	0	0	15	0	0	0	0	0	-6	50	898	2301
Kakaʻako	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	25
Mōʻiliʻili	3890	293	-1	3647	2	108	948	3839	0	1493	0	0	0	0	0	0	0	0	0	0	189	512	0	-403	445	1	14962
Waikīkī	72083	3677	-50	-530	12873	1859	19364	78890	121	28256	0	0	0	5567	0	174	330	30	205	529	4940	8033	171	-8239	7357	66066	301707
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palama-Liliha	0	0	0	0	0	0	196	474	48	0	0	0	0	273	0	0	0	0	0	0	0	0	0	0	0	0	991
Kalihi-Iwilei	1	4	13	198	27	0	0	65	54	22	0	0	0	0	0	0	0	156	0	0	0	0	0	-3	5	201	745
Airport-Pearl Harbor	3064	219	589	7697	2380	1217	476	2753	0	676	0	0	0	64	0	0	0	366	0	0	131	135	0	42	305	5555	25670
Salt Lake-Āliamanu	0	4352	129	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4487
Pearl City-ʻAiea	194	11	36	511	72	99	39	54	0	39	0	0	0	0	0	0	0	35	128	0	8	3	0	3	28	483	1743
ʻEwa	1	0	0	-8	1	0	1	5	0	3	0	0	0	0	0	0	0	0	0	33	-1	0	0	0	0	12	47
Kapolei	9604	772	1706	24408	3220	397	1706	6335	0	2140	0	0	0	0	0	0	0	1511	0	0	0	444	0	242	1042	28818	82344
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	0	0	0	0	510	0	0	0	0	0	0	0	0	0	0	0	0	510
Waiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mililani	0	0	157	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	186
Wahiawa	52	3	7	166	27	1	0	63	0	13	0	0	0	0	0	0	0	7	0	0	0	0	0	-4	4	192	532
East Honolulu	509	47	86	1412	381	7	85	248	0	93	0	0	0	0	0	0	0	208	0	0	25	26	0	-3	41	481	3646
Kāneʻohe	0	0	58	522	78	-1	40	118	0	52	0	0	0	0	0	0	0	9	0	0	0	0	0	-4	36	477	1384
Kailua	0	41	20	205	32	0	17	62	0	24	0	0	0	0	0	0	0	1	0	0	0	0	0	-2	13	270	683
Koʻolau Loa	0	0	156	1409	214	-2	111	328	0	136	0	0	0	0	0	0	0	5	0	0	0	0	0	-39	87	1600	4005
North Shore	0	13	35	485	55	-1	0	110	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	13	504	1242
Waiʻanae	985	73	176	2702	294	21	186	1102	0	626	0	0	0	0	0	0	0	32	0	0	-1	1	0	-21	88	1591	7855
Makiki-Mānoa	84	8	0	-2	41	2	225	546	0	15	0	25	0	584	0	0	36	1	0	0	4	141	0	-7	0	218	1921
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	382	0	0	0	0	0	0	0	0	0	0	0	0	382
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*90467*	*9513*	*3212*	*43443*	*19818*	*3737*	*23461*	*95323*	*223*	*33730*	*0*	*25*	*0*	*7380*	*0*	*174*	*366*	*2376*	*333*	*562*	*5297*	*9296*	*196*	*-8445*	*9514*	*107365*	*457368*

Table 5-28. Total User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	1206	3215	9600	14015	1640	846	14224	20327	4401	2568	306	1684	36	8018	554	107	-69	-496	99	66	4	5	52	956	10256	19209	112830
Kakaʻako	8924	-700	7371	11937	2962	3912	17178	15195	4753	2460	171	1464	35	3305	391	201	116	62	262	326	10	29	110	595	5112	7392	93573
Mōʻiliʻili	49011	18185	4709	8356	-663	4496	23140	24921	5143	5096	274	1945	123	3667	299	52	0	234	510	520	278	547	36	-437	3226	15220	168888
Waikīkī	112978	19097	8462	351	3646	4249	37547	147579	4587	29978	229	2159	71	9166	543	358	459	151	601	1005	5130	8148	202	-8490	11569	78058	477832
Kaimukī-Waiʻalae	23033	10827	6035	5109	3133	3061	10665	9915	3318	3084	244	1650	133	1807	325	119	87	846	185	198	135	54	71	185	2469	10196	96887
Palama-Liliha	23499	12872	8399	8830	4566	4088	14698	26140	7871	6001	412	2684	130	4861	482	248	40	184	825	375	104	30	12	949	8729	12626	149657
Kalihi-Iwilei	22824	15044	9359	12682	2982	3052	1843	16463	5829	4083	367	1945	35	7927	734	127	71	386	597	290	64	9	36	1184	7037	12004	126974
Airport-Pearl Harbor	18980	4492	4081	13502	3744	3431	6179	8133	7916	3736	1075	3118	101	17474	2020	114	41	517	459	580	230	148	101	498	7590	10241	118501
Salt Lake-Āliamanu	34725	17184	8571	9327	4627	6448	24057	31763	12332	15068	872	4851	307	9187	1536	513	237	453	1448	1227	378	78	292	1642	19563	6011	212698
Pearl City-ʻAiea	58782	17899	14227	16056	9415	8625	33374	44180	25631	7666	2229	15624	822	28645	1702	422	97	1258	2733	2511	1125	44	516	2967	41871	8512	346936
ʻEwa	78422	27082	26827	78488	17371	11314	32898	34068	15990	23949	26564	77010	3156	31356	3946	3677	2570	2934	2170	2598	2664	428	2101	6579	34326	8504	556992
Kapolei	50682	16304	16680	61653	13617	7721	20131	35295	10112	19879	14311	63263	5063	30670	4149	2921	2600	3589	1890	2291	1864	783	2618	4421	20574	32754	445832
Makakilo	24344	8869	8866	22552	6286	4479	10174	11097	5891	8989	3681	25291	1794	7519	1326	1299	1087	1056	925	1064	1180	163	1083	2616	11916	2927	176473
Waipahu-Waikele	59672	15283	28077	88852	10462	8104	24994	37615	13697	27369	7241	36529	2000	30016	4439	2651	1635	1879	1322	1636	1510	290	860	4906	36498	12339	459875
Waiawa	33329	10035	16658	52681	7481	4418	13915	19720	10722	11527	4024	21364	1374	19557	1805	2085	562	1187	1367	1720	697	205	920	2291	18611	7680	265933
Mililani	41853	12938	12266	15387	9270	5087	15688	17723	9029	12213	3410	18285	965	17430	2566	9730	3687	1241	1282	1233	129	638	942	2528	26939	4889	247349
Wahiawa	20512	7013	6666	9341	5227	2590	7744	8942	4888	5735	1783	10152	597	8144	1022	10126	9994	636	543	471	48	952	736	1462	16805	3382	145512
East Honolulu	-4878	4392	3103	1890	969	-619	1762	6818	2181	1481	193	1980	84	1560	154	83	-95	39	-179	-169	-218	18	-112	-1462	129	5032	24137
Kāneʻohe	-323	3879	2827	5875	1885	413	2825	9827	3338	3188	311	2260	198	2881	460	143	-89	-71	87	46	0	31	-8	227	10404	4087	54701
Kailua	-832	4153	2906	5245	1638	346	1981	8757	2574	2166	283	2221	110	3063	338	49	-245	-69	9	34	0	10	-86	132	9840	4343	48965
Koʻolau Loa	287	709	905	2888	610	-24	491	2843	452	824	62	1314	32	441	64	15	3	-71	4	0	0	43	-351	63	2114	2530	16246
North Shore	14391	5767	5655	7909	4304	2277	4795	5849	3292	2001	409	3430	148	2602	554	1353	2520	601	197	416	153	6310	113	1496	11043	3179	90763
Waiʻanae	43292	17741	15728	23094	11171	6472	15465	27767	12043	10757	2414	15192	800	10123	2421	2063	1614	1001	1313	709	17	-9	6819	3158	22388	7115	260668
Makiki-Mānoa	13711	3097	1592	3244	930	33	8074	9961	2751	2001	75	1151	56	2252	124	-58	-16	-271	114	145	112	148	8	307	1984	3094	54618
UH Mānoa	11807	1993	1018	1040	437	797	4535	4393	531	481	178	438	18	3732	235	4	-24	12	65	72	15	4	18	-103	-45	3099	34750
Ala Moana Center	8234	926	539	1973	368	291	4329	3189	201	319	82	238	3	2507	208	23	8	49	32	53	5	4	1	16	860	0	24459
Total	*748467*	*258294*	*231128*	*482277*	*128077*	*95908*	*352706*	*588481*	*179475*	*212620*	*71200*	*317243*	*18190*	*267909*	*32397*	*38425*	*26889*	*17335*	*18862*	*19416*	*15633*	*19109*	*17091*	*28687*	*341808*	*284426*	*4812051*

Table 5-29. To and From Work User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	1418	1545	4150	7983	902	331	3703	7436	2947	1532	57	732	12	650	60	88	-41	-192	36	28	1	2	25	240	896	5035	39574
Kakaʻako	7027	163	4086	9524	1724	1957	9962	8692	3780	2130	119	776	26	631	276	118	70	-3	115	219	4	11	46	202	1377	2319	55350
Mōʻiliʻili	32364	13715	3541	4214	51	2490	13919	10709	4135	2979	146	1210	53	733	193	6	-35	-57	300	359	5	2	31	-209	926	5099	96879
Waikīkī	22731	9095	4550	696	564	1724	9442	6169	3303	2114	64	535	28	333	241	143	32	63	270	358	23	28	6	-17	860	2756	66111
Kaimukī-Waiʻalae	20350	8249	4529	4369	1361	2094	6738	6300	2492	2147	157	720	81	543	173	49	28	262	117	171	29	8	17	287	648	4023	65944
Palama-Liliha	17402	8121	4660	6942	1880	688	6045	14699	3557	3433	276	1335	49	1097	342	157	44	109	346	263	18	10	0	468	1243	4215	77398
Kalihi-Iwilei	12608	9238	5677	7619	1438	972	1652	8735	2778	2117	122	991	24	759	208	94	65	85	316	231	24	2	34	411	848	4442	61494
Airport-Pearl Harbor	8120	2465	1813	2227	452	1036	2768	2125	2911	1418	134	619	36	1984	826	69	36	53	252	180	27	4	16	208	481	1450	31708
Salt Lake-Āliamanu	24420	9102	5820	7216	1743	2714	11757	19717	5879	6990	508	2538	190	2866	1048	355	173	155	709	708	39	33	105	691	1812	3044	110333
Pearl City-ʻAiea	44728	13703	10228	12382	2927	4616	21019	30420	12706	4018	1322	9223	371	6255	803	337	89	600	1669	1470	158	17	169	1175	5661	4403	190469
ʻEwa	69533	23860	21923	76812	9049	6738	24515	21106	9962	12448	6922	40238	1421	6812	2209	2563	1884	1769	1464	1911	568	282	1162	2776	18845	7222	373992
Kapolei	35479	12244	11606	35269	4838	3930	13647	12552	6296	9352	6446	31590	1835	7574	2268	2236	1861	969	1054	1209	283	180	758	1589	10276	4171	219512
Makakilo	20878	6950	6752	21202	2768	2298	7725	6808	3460	4193	2129	8897	494	2225	799	871	730	541	500	587	185	80	265	805	6052	2296	110488
Waipahu-Waikele	46790	11401	22668	85421	4106	3476	11787	14914	7240	11573	1939	12928	689	4024	2026	1419	894	688	706	942	261	109	188	1327	9295	8323	265133
Waiawa	26079	6732	13218	49764	2531	1921	7837	11916	5682	6462	2061	11155	587	5725	951	1240	258	367	550	578	59	86	270	728	5779	5165	167699
Mililani	33652	11478	10062	13946	4303	3351	11354	14324	6709	9792	2662	11108	685	4383	1284	3881	2145	700	830	992	20	327	442	1225	10445	3416	163516
Wahiawa	17994	6218	5405	8031	2300	1886	5939	7658	3795	5546	1435	6619	415	2683	740	3281	4265	385	441	549	4	342	363	949	5863	2176	95282
East Honolulu	-3981	2290	2120	1644	351	-243	103	3887	1093	666	131	584	42	390	18	19	-44	-271	-85	-45	-21	-1	38	-513	-217	2227	10182
Kāneʻohe	-748	2452	1469	3843	672	231	1230	6462	1693	1867	138	1021	70	675	177	91	-37	14	9	15	0	2	20	169	1265	1318	24118
Kailua	-905	2764	1628	4043	770	354	1738	4907	1460	1249	177	770	51	561	87	36	-55	-3	4	18	0	5	20	171	1353	1547	22749
Koʻolau Loa	255	300	310	923	170	20	28	796	36	207	41	196	6	101	7	3	3	-17	3	0	0	35	-7	45	649	216	4326
North Shore	13184	4804	4215	6077	1826	1368	3845	4060	2176	1997	353	1745	68	1237	514	1181	2000	329	167	328	78	2019	95	543	4368	1562	60138
Waiʻanae	38036	14415	12629	18415	6052	4389	11704	19991	8134	5734	1500	4553	394	3580	1573	1412	1173	934	966	1058	162	101	989	1789	12718	4699	177100
Makiki-Mānoa	12087	3021	327	2817	710	407	4546	5564	1957	1426	50	611	8	456	77	-61	-24	-69	79	90	7	2	12	25	80	508	34713
UH Mānoa	3078	1693	944	757	156	373	1117	884	356	271	17	61	0	146	8	-7	-20	1	26	60	10	0	-1	-52	-45	1096	10930
Ala Moana Center	1742	598	342	1311	257	229	929	356	167	100	0	52	0	36	16	6	2	41	22	35	1	1	1	3	193	0	6438
Total	*504319*	*186615*	*164673*	*393448*	*53902*	*49353*	*195049*	*251186*	*104704*	*101760*	*28907*	*150808*	*7635*	*56461*	*16923*	*19583*	*15494*	*7452*	*10864*	*12313*	*1943*	*3686*	*5064*	*15032*	*101672*	*82726*	*2541573*

Table 5-30. Non-Home Based Direct Demand User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	-2457	332	2011	4093	0	0	6975	7810	0	538	204	597	0	6164	473	0	0	0	0	0	0	0	0	0	4698	5439	36878
Kakaʻako	426	0	15	565	0	0	1229	1383	0	69	41	104	0	1238	95	0	0	0	0	0	0	0	0	0	-641	-49	4474
Mōʻiliʻili	2402	-90	-37	-235	0	0	822	914	0	56	34	81	0	911	68	0	0	0	0	0	0	0	0	0	-844	117	4200
Waikīkī	4768	430	-249	-260	0	0	2651	3049	0	221	77	197	0	2412	185	0	0	0	0	0	0	0	0	0	0	2277	15758
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palama-Liliha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kalihi-Iwilei	5649	1246	897	3010	0	0	113	2095	0	264	204	337	0	5456	403	0	0	0	0	0	0	0	0	0	2672	2846	25191
Airport-Pearl Harbor	5353	1097	1023	3141	0	0	618	-41	0	374	837	1912	0	13881	1029	0	0	0	0	0	0	0	0	0	2832	2439	34496
Salt Lake-Āliamanu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pearl City-ʻAiea	481	119	55	253	0	0	275	276	0	0	144	367	0	2403	180	0	0	0	0	0	0	0	0	0	119	166	4839
ʻEwa	168	39	40	75	0	0	173	734	0	207	106	2487	0	5309	382	0	0	0	0	0	0	0	0	0	117	58	9895
Kapolei	324	99	70	177	0	0	263	1480	0	392	2276	3541	0	11785	858	0	0	0	0	0	0	0	0	0	258	86	21610
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waipahu-Waikele	5155	1135	1149	2200	0	0	5890	13304	0	2476	4818	11292	0	8591	374	0	0	0	0	0	0	0	0	0	3189	2628	62202
Waiawa	398	88	87	169	0	0	434	989	0	185	343	801	0	297	0	0	0	0	0	0	0	0	0	0	240	199	4230
Mililani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wahiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kāneʻohe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kailua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Koʻolau Loa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Shore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waiʻanae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Makiki-Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UH Mānoa	7338	-398	-627	0	0	0	2530	3142	0	146	114	301	0	3015	225	0	0	0	0	0	0	0	0	0	0	462	16249
Ala Moana Center	6155	122	15	475	0	0	3241	2801	0	190	80	144	0	2463	185	0	0	0	0	0	0	0	0	0	636	0	16507
Total	*36160*	*4220*	*4448*	*13664*	*0*	*0*	*25215*	*37935*	*0*	*5119*	*9278*	*22161*	*0*	*63926*	*4457*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*13276*	*16669*	*256530*

Table 5-31. To and From School/College User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	50	-166	665	99	427	356	481	79	238	41	5	135	0	984	0	8	0	-24	31	5	2	0	0	211	4291	0	7919
Kakaʻako	181	-429	1071	104	385	784	2166	27	169	26	0	279	0	1379	0	0	0	47	72	11	5	0	-1	240	3984	0	10500
Mōʻiliʻili	2536	262	181	75	-1300	841	2527	23	81	25	15	164	0	1873	0	0	0	168	70	14	57	0	0	56	2358	0	10026
Waikīkī	1858	-130	1223	-9	-159	331	1793	33	35	19	0	336	0	689	0	0	2	57	89	5	45	0	0	-1	2039	0	8256
Kaimukī-Waiʻalae	794	-31	658	37	534	630	1098	46	95	51	1	279	0	1043	9	1	0	348	43	4	60	0	17	290	1411	0	7418
Palama-Liliha	1354	-124	374	21	1822	1675	1324	240	501	473	0	666	0	3088	38	0	6	62	326	60	73	4	9	349	6633	0	18974
Kalihi-Iwilei	958	180	510	51	830	1305	617	61	689	375	0	224	0	1509	35	4	5	92	155	26	24	5	0	506	2801	0	10961
Airport-Pearl Harbor	906	32	41	0	528	291	536	1445	1062	228	3	249	0	1156	24	6	7	14	105	26	53	3	-1	45	3812	0	10570
Salt Lake-Āliamanu	3403	179	287	36	1784	1342	3168	510	1598	1969	40	1297	0	5318	152	41	12	88	332	105	275	4	69	290	17167	0	39464
Pearl City-ʻAiea	6054	304	620	43	4325	1127	4365	262	2582	140	121	2615	91	16170	18	53	35	252	447	188	768	31	71	664	35420	0	76763
ʻEwa	6460	1319	2511	290	7019	3525	4761	891	1262	5186	11883	13214	841	13176	326	277	253	959	550	439	2075	106	738	3098	14743	0	95901
Kapolei	3531	854	1490	201	3949	2360	2547	637	715	3570	2606	10175	2241	8192	220	140	188	612	368	308	1383	72	1473	1946	8161	0	57938
Makakilo	2372	599	1064	92	2847	1620	1516	376	551	2311	823	2098	1069	3856	128	90	101	388	252	258	1020	68	673	1423	5571	0	31168
Waipahu-Waikele	4728	1319	2422	265	5343	3415	3692	872	1261	3130	-1084	4811	796	13940	1197	1128	604	956	429	375	1142	196	391	2983	23719	0	78031
Waiawa	3009	304	669	86	2978	938	2331	280	396	1371	704	3520	351	8693	771	817	304	250	221	115	493	120	293	700	11867	0	41580
Mililani	4843	350	874	120	4206	1227	3038	269	393	795	234	4476	102	11868	1206	5815	1552	389	412	156	100	312	360	959	16193	0	60247
Wahiawa	2125	123	461	62	2233	642	1518	191	264	208	120	1801	26	5104	285	6847	5860	177	171	76	43	609	298	474	10805	0	40524
East Honolulu	-1078	-103	-173	7	325	-404	-120	28	85	-24	3	280	14	967	21	-9	-20	310	-20	-15	-160	8	9	-93	374	0	210
Kāneʻohe	52	-29	151	320	852	98	-306	124	171	215	13	368	19	1827	53	19	8	19	36	23	0	29	-5	158	8727	0	12943
Kailua	45	-29	169	55	595	123	-382	86	181	120	5	326	0	2164	19	15	-4	12	5	16	0	4	28	107	8032	0	11691
Koʻolau Loa	33	0	23	6	67	3	-9	12	-6	10	11	27	0	146	0	3	0	2	1	0	0	7	-32	43	1168	0	1518
North Shore	1131	291	568	60	1500	910	771	245	285	193	34	489	19	1333	39	172	520	205	33	92	75	4291	118	737	6141	0	20252
Waiʻanae	3269	466	936	58	3625	1327	2072	316	526	384	190	2253	198	4902	37	92	75	389	281	127	593	34	4107	1174	8904	0	36334
Makiki-Mānoa	707	-258	198	43	134	331	931	18	78	33	0	196	19	1137	0	0	-1	-58	19	10	70	0	0	344	1814	0	5766
UH Mānoa	203	-4	197	1	122	119	119	0	4	8	0	31	0	148	0	0	0	-1	15	0	0	0	0	-35	-11	0	916
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*49522*	*5278*	*17190*	*2123*	*44969*	*24917*	*40551*	*7072*	*13216*	*20858*	*15726*	*50311*	*5787*	*110661*	*4577*	*15520*	*9507*	*5712*	*4444*	*2424*	*8197*	*5903*	*8612*	*16668*	*206123*	*0*	*695871*

Table 5-32. To and From Shopping/Other User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	1026	1191	2421	1117	186	108	2496	1608	1084	260	29	123	20	202	7	-2	-29	-253	29	29	0	0	19	401	287	6786	19144
Kakaʻako	924	-23	1796	1571	713	951	3334	1086	692	167	8	230	1	27	7	64	36	17	64	74	-4	8	24	122	328	3459	15673
Mōʻiliʻili	7421	3838	675	620	573	984	4516	1363	845	522	53	427	63	104	24	37	33	64	110	123	9	0	3	29	280	7902	30619
Waikīkī	10314	5887	2977	97	902	333	3912	1223	1068	569	68	1019	34	153	90	27	76	5	33	106	28	67	23	-296	1014	6324	36052
Kaimukī-Waiʻalae	1799	2420	789	669	1019	340	2661	1494	652	776	63	528	45	177	115	55	41	215	18	10	43	33	14	-346	355	5745	19731
Palama-Liliha	4713	4730	3317	1822	853	1549	6851	7986	3591	1940	109	613	76	361	87	76	-8	12	153	52	13	15	-7	150	824	8134	48011
Kalihi-Iwilei	2946	3692	1940	1625	496	514	126	3122	1668	687	14	278	1	125	43	21	-9	21	78	5	0	0	1	199	604	3919	22118
Airport-Pearl Harbor	1168	491	461	299	252	533	1215	1228	2709	693	35	189	38	127	19	20	-15	37	62	70	0	0	51	135	103	550	10471
Salt Lake-Āliamanu	6747	3383	2263	1975	1028	2198	8474	9292	3978	5440	255	797	74	677	217	100	37	178	376	281	51	28	77	638	549	2807	51919
Pearl City-ʻAiea	7173	3638	3156	2789	1986	2639	7385	10292	9588	3928	535	2880	305	3124	618	58	-11	339	432	780	161	-4	189	1086	618	3307	66989
ʻEwa	2238	1852	2327	1315	1258	1039	3386	6602	4691	5946	6528	20193	849	5856	960	814	421	194	157	186	25	38	177	702	602	1193	69549
Kapolei	2342	2175	1813	2269	1397	1004	2033	4669	2886	3583	2234	13903	734	2399	673	456	487	288	417	724	167	20	303	650	761	1092	49479
Makakilo	1088	1300	1034	1249	666	556	918	3120	1859	2428	701	13869	243	1364	372	321	250	125	169	216	-25	14	137	386	290	612	33263
Waipahu-Waikele	2920	1362	1787	935	982	1168	3509	5810	4940	9243	1420	6813	461	2573	694	72	114	225	172	285	90	-14	235	584	282	1350	48012
Waiawa	3808	2865	2656	2641	1946	1540	3277	4552	4547	3419	889	5678	418	4699	81	24	0	549	570	1007	140	-1	334	847	717	2283	49484
Mililani	3349	1071	1145	1301	741	471	1283	1884	1879	1648	496	2598	165	1158	66	22	-10	148	27	71	10	0	126	336	281	1422	21687
Wahiawa	343	648	779	1062	659	60	285	498	810	-13	214	1665	148	336	-2	-2	-62	66	-65	-148	0	0	68	45	132	990	8515
East Honolulu	-382	2126	1147	290	287	39	1637	1443	987	648	61	1059	26	181	108	64	-30	0	-64	-101	-31	11	-144	-791	-26	2805	11349
Kāneʻohe	374	1433	1134	1169	278	87	1821	2484	1422	1017	143	804	105	345	217	30	-51	-106	42	9	0	0	-22	-85	365	2259	15274
Kailua	30	1336	1067	910	233	-124	584	1771	877	719	43	1035	53	282	204	-1	-170	-73	0	0	0	0	-131	-138	424	2441	11371
Koʻolau Loa	-1	399	408	532	158	-44	355	1036	402	468	0	1068	24	172	52	9	0	-57	0	0	0	0	-299	43	204	680	5609
North Shore	74	651	830	1277	910	-1	176	1137	820	-199	23	1168	59	25	0	0	0	66	-2	-3	0	0	-95	215	513	1089	8732
Waiʻanae	1021	2779	1964	2027	1247	735	1528	5038	3341	3892	708	8283	206	1588	789	542	355	-340	75	-460	-714	-138	1699	222	678	842	37906
Makiki-Mānoa	860	341	983	366	43	-649	2325	1731	664	493	21	290	27	51	42	4	-23	-131	14	37	23	2	-2	-66	87	2327	9860
UH Mānoa	1010	538	380	233	112	217	617	142	129	19	42	2	1	18	0	11	0	13	1	1	0	0	16	-21	4	1175	4660
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*63302*	*50121*	*39252*	*30161*	*18924*	*16249*	*64706*	*80611*	*56131*	*48293*	*14691*	*85509*	*4173*	*26124*	*5480*	*2821*	*1433*	*1602*	*2868*	*3352*	*-13*	*79*	*2797*	*5046*	*10274*	*71493*	*705479*

Table 5-33. Do not Originate/End at Work/Home User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	1167	312	258	100	4	50	501	224	132	95	11	97	4	18	14	12	1	-42	3	3	1	3	8	85	35	1083	4182
Kakaʻako	365	-411	403	172	140	220	487	152	112	68	3	76	8	30	13	19	10	1	12	22	5	11	17	32	64	1663	3695
Mōʻiliʻili	389	167	352	17	82	72	342	186	81	129	26	64	7	46	15	9	2	1	29	24	6	7	1	86	61	2100	4302
Waikīkī	99	187	-48	107	50	-5	163	85	60	79	19	73	9	12	27	13	19	1	5	6	3	9	2	-25	39	85	1075
Kaimukī-Waiʻalae	91	190	58	35	219	-3	169	113	79	110	22	123	8	44	28	14	18	21	6	13	3	13	23	-46	55	429	1832
Palama-Liliha	30	144	48	45	12	177	283	374	175	154	28	70	5	41	16	15	-2	1	1	-1	0	1	10	-18	29	278	1915
Kalihi-Iwilei	663	683	323	179	191	261	-665	757	640	622	27	114	10	76	45	9	9	31	48	28	16	2	0	70	107	604	4849
Airport-Pearl Harbor	403	190	160	116	108	357	584	444	1235	380	65	149	27	262	123	19	13	35	41	304	21	12	36	70	52	182	5388
Salt Lake-Āliamanu	156	168	73	100	71	193	659	1090	878	669	69	219	43	326	120	18	16	33	30	133	12	13	41	23	35	160	5347
Pearl City-ʻAiea	151	125	130	77	105	144	293	436	755	-455	108	540	56	694	83	-25	-16	33	57	74	29	2	88	39	25	153	3700
ʻEwa	28	14	27	17	44	11	63	80	76	161	1125	879	45	202	70	24	12	12	-1	30	-4	2	24	4	19	25	2990
Kapolei	73	203	120	60	93	50	109	230	215	559	749	4053	253	720	130	89	64	74	51	50	30	12	84	37	28	65	8201
Makakilo	7	20	16	8	6	4	16	25	20	56	28	426	-11	74	26	17	7	2	3	3	0	1	8	2	3	20	787
Waipahu-Waikele	78	66	52	31	31	45	115	247	255	947	149	685	53	377	148	32	23	10	15	34	16	-1	46	13	12	38	3519
Waiawa	35	47	29	22	26	19	35	75	97	91	28	210	18	143	3	4	0	21	25	19	6	0	22	16	8	32	1031
Mililani	9	39	27	20	20	8	12	15	48	-21	18	103	13	20	11	13	0	4	13	14	0	0	14	8	20	51	482
Wahiawa	-1	20	14	20	9	0	2	8	19	-11	14	67	9	20	0	0	-70	0	-4	-6	0	0	8	-1	2	25	145
East Honolulu	-28	24	0	3	7	-12	12	45	16	26	-2	57	2	22	7	9	-2	0	-10	-7	-6	0	-15	-23	-3	22	146
Kāneʻohe	0	23	15	19	6	-3	39	66	52	43	16	67	4	34	13	2	-9	-7	0	0	0	0	-2	-1	11	34	422
Kailua	-1	41	21	29	9	-6	24	85	56	57	58	91	6	56	28	0	-16	-5	0	0	0	0	-3	-1	19	85	633
Koʻolau Loa	0	9	7	11	3	-1	6	24	19	17	11	22	2	22	4	0	0	-5	0	0	0	0	-14	1	7	34	179
North Shore	2	8	7	12	13	1	3	21	12	-4	-1	28	2	7	0	0	0	2	0	0	0	0	-5	3	7	24	141
Waiʻanae	4	9	25	16	11	0	-4	47	43	112	16	102	3	54	22	16	11	-12	-9	-17	-22	-6	25	-3	1	12	455
Makiki-Mānoa	-27	-14	84	-3	4	-59	47	60	51	34	3	29	2	24	5	-1	-5	-15	2	9	9	3	-2	11	3	42	296
UH Mānoa	179	164	125	48	46	89	151	65	41	37	5	42	17	23	3	0	-4	-1	24	10	5	4	3	5	7	366	1454
Ala Moana Center	337	206	183	187	111	62	159	33	35	29	1	42	3	8	7	17	6	8	10	18	4	3	0	14	31	0	1514
Total	*4208*	*2634*	*2506*	*1448*	*1424*	*1677*	*3606*	*4987*	*5201*	*3981*	*2597*	*8430*	*596*	*3355*	*960*	*327*	*89*	*202*	*353*	*765*	*135*	*90*	*421*	*400*	*678*	*7612*	*58681*

Table 5-34. Ground Access Air Passenger User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. TSM Alternative

Production District	Attraction District																									Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	0	0	0	0	0	0	0	2851	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2851
Kakaʻako	0	0	0	0	0	0	0	3856	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3856
Mōʻiliʻili	0	0	0	0	0	0	0	7890	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7890
Waikīkī	0	0	0	0	0	0	0	59120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59120
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	1962	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1962
Palama-Liliha	0	0	0	0	0	0	0	2368	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2368
Kalihi-Iwilei	0	0	0	0	0	0	0	1629	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1629
Airport-Pearl Harbor	0	0	0	0	0	0	0	267	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
Salt Lake-Āliamanu	0	0	0	0	0	0	0	1147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1147
Pearl City-ʻAiea	0	0	0	0	0	0	0	2452	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2452
ʻEwa	0	0	0	0	0	0	0	4651	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4651
Kapolei	0	0	0	0	0	0	0	7935	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7935
Makakilo	0	0	0	0	0	0	0	768	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	768
Waipahu-Waikele	0	0	0	0	0	0	0	2468	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2468
Waiawa	0	0	0	0	0	0	0	1908	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1908
Mililani	0	0	0	0	0	0	0	1231	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1231
Wahiawa	0	0	0	0	0	0	0	546	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	546
East Honolulu	0	0	0	0	0	0	0	1003	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1003
Kāneʻohe	0	0	0	0	0	0	0	573	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	573
Kailua	0	0	0	0	0	0	0	1846	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1846
Koʻolau Loa	0	0	0	0	0	0	0	647	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	647
North Shore	0	0	0	0	0	0	0	311	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	311
Waiʻanae	0	0	0	0	0	0	0	1242	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1242
Makiki-Mānoa	0	0	0	0	0	0	0	2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2042
UH Mānoa	0	0	0	0	0	0	0	161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	161
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*110871*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*0*	*110871*

Table 5-35. Visitor User Benefits in Minutes (Production to Attraction Format) — Project plus planned extensions vs. TSM Alternative

Production District	Attraction District																										Total
	Downtown	Kakaʻako	Mōʻiliʻili	Waikīkī	Kaimukī-Waiʻalae	Palama-Liliha	Kalihi-Iwilei	Airport-Pearl Harbor	Salt Lake-Āliamanu	Pearl City-ʻAiea	ʻEwa	Kapolei	Makakilo	Waipahu-Waikele	Waiawa	Mililani	Wahiawa	East Honolulu	Kāneʻohe	Kailua	Koʻolau Loa	North Shore	Waiʻanae	Makiki-Mānoa	UH Mānoa	Ala Moana	
Downtown	2	0	95	623	121	1	68	319	0	103	0	0	0	0	0	0	0	15	0	0	0	0	0	19	50	867	2282
Kakaʻako	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	25
Mōʻiliʻili	3900	293	-2	3664	-69	108	1014	3836	0	1386	0	0	0	0	0	0	0	58	0	0	201	538	0	-399	445	1	14972
Waikīkī	73209	3627	9	-280	2289	1866	19585	77900	121	26976	0	0	0	5567	0	174	330	25	205	529	5030	8045	171	-8151	7617	66616	291461
Kaimukī-Waiʻalae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palama-Liliha	0	0	0	0	0	0	196	474	48	0	0	0	0	273	0	0	0	0	0	0	0	0	0	0	0	0	991
Kalihi-Iwilei	1	4	13	199	26	0	0	65	54	18	0	0	0	0	0	0	0	156	0	0	0	0	0	-2	5	194	733
Airport-Pearl Harbor	3032	217	583	7720	2403	1214	456	2665	0	642	0	0	0	64	0	0	0	377	0	0	130	128	0	40	310	5619	25601
Salt Lake-Āliamanu	0	4352	129	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4487
Pearl City-ʻAiea	194	11	38	511	72	99	37	43	0	36	0	0	0	0	0	0	0	35	128	0	8	-2	0	3	28	483	1724
ʻEwa	-4	-1	-1	-22	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0	33	-1	0	0	-1	0	6	14
Kapolei	8934	729	1581	23677	3340	376	1532	7790	0	2423	0	0	0	0	0	0	0	1647	0	0	0	499	0	200	1090	27340	81158
Makakilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Waipahu-Waikele	0	0	0	0	0	0	0	0	0	0	0	0	0	510	0	0	0	0	0	0	0	0	0	0	0	0	510
Waiawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mililani	0	0	157	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	186
Wahiawa	51	3	7	166	26	2	0	42	0	5	0	0	0	0	0	0	0	7	0	0	0	0	0	-4	4	191	500
East Honolulu	590	55	8	-53	0	1	131	413	0	165	0	0	0	0	0	0	0	0	0	0	0	0	0	-42	0	-22	1247
Kāneʻohe	0	0	58	525	77	-1	40	118	0	46	0	0	0	0	0	0	0	9	0	0	0	0	0	-15	36	477	1370
Kailua	0	41	20	207	32	0	17	62	0	20	0	0	0	0	0	0	0	1	0	0	0	0	0	-7	13	270	676
Koʻolau Loa	0	0	156	1416	212	-2	111	328	0	122	0	0	0	0	0	0	0	5	0	0	0	0	0	-69	87	1600	3967
North Shore	0	13	35	483	55	-1	0	75	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	13	504	1190
Waiʻanae	962	72	173	2578	235	21	166	1133	0	636	0	0	0	0	0	0	0	30	0	0	-1	1	0	-24	87	1562	7631
Makiki-Mānoa	84	8	0	20	38	2	225	546	0	15	0	25	0	584	0	0	36	1	0	0	4	141	0	-7	0	218	1941
UH Mānoa	0	0	0	0	0	0	0	0	0	0	0	0	0	382	0	0	0	0	0	0	0	0	0	0	0	0	382
Ala Moana Center	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	*90955*	*9425*	*3059*	*41432*	*8858*	*3713*	*23579*	*95818*	*223*	*32609*	*0*	*25*	*0*	*7380*	*0*	*174*	*366*	*2367*	*333*	*562*	*5371*	*9350*	*196*	*-8458*	*9784*	*105926*	*443046*

Add

RTD 2008 City and County of Honolulu Department of Transportation Services, Rapid Transit Division. October 2008. *Honolulu High-Capacity Transit Corridor Project Travel Demand Forecasting Results Report*

RTD 2009 City and County of Honolulu Department of Transportation Services, Rapid Transit Division. October 2009. *Honolulu high-capacity transit corridor project final environmental impact statement/Section 4(f) evaluation.*