

Kapa'a Elementary

SAFE ROUTES TO SCHOOL ENGINEERING PLAN

School Description

Name of School: Kapa'a Elementary
Street Address: 4886 Kawaihau Rd, Kapaa 96746
Phone: 821-4424
Community: Kapaa
Grade Levels: K-5
Number of Students: 840



Pictured below: Kawaihau Rd (makai)



School Transportation Data

Date of Last Student Tallies: May 2009
% walking: 3.5
% bicycling: 1.6
% within one mile of school: 27.4
% within two miles of school: 47.4

Barriers to Walking and Bicycling

We have identified and prioritized the following barriers to walking and bicycling to school:

Parent Survey Results (in order of importance with most important first)

- Distance
- Traffic Speed Along Route
- Traffic Volume Along Route
- Safety of Intersections and Crossings
- Sidewalks/Pathways
- Violence/Crime
- Weather/Climate
- Time
- Adults to walk and bike with
- Crossing Guards
- Before/After School Activities
- Convenience of Driving



Engineering Recommendations

- Redesign the major intersection near Kawaihau Rd./Mailihuna Rd. - oval roundabout to fit that area.
- Traffic controlling device is being planned to make one major crosswalk in that area instead of having three crosswalks.
- Appropriate striping in the area is needed to make it more conducive to walking and biking with appropriate signage. (Kawaihau/Mailihuna/Hauaala Rds)



Pictured above: Kawaihau/Mailihuna/Hauaala Intersection



Pictured above: Kawaihau (Makai) in front of Kapaa El



Pictured above: Kawaihau (Mauka) in front of Kapaa El