



## Hawaii Safe Routes to School Program Contact Information

Please complete the information below and **include this form as the first page of your application.** The person identified as the contact for the applicant will be the main point of contact for Hawaii DOT staff.

### PROJECT INFORMATION

Project Title: Goodale Avenue Bikeway Improvements Phase II

Brief Description of the Project: 825 feet of bike path and an intersection treatment along Goodale Ave.

School(s) Affected by the Project: Waialua Elementary, Waialua Intermediate, Saint Michael

Amount of SRTS Funding Requested: \$487,525

Type of SRTS Funding Requested: (check one)       Infrastructure       Non-Infrastructure

### APPLICANT INFORMATION

Contact Name: Erron Redoble, P.E.

Contact Title: Civil Engineer V

Organization: City and County of Honolulu Department of Transportation Services

(check one)       School       School District       Government Agency       Non-Profit

Mailing Address: 650 S. King Street, 2<sup>nd</sup> Floor

City, State, Zip: Honolulu, Hawaii 96813

Best Phone # to Call: 768-8328

Contact E-mail: eredoble@honolulu.gov

### PARTNERING ORGANIZATION INFORMATION

Complete this section with contact information from each partnering organization if applicable. Reminder: non-profit organizations are required to partner with a government agency for infrastructure projects. For all other applicants, and non-profit organizations applying for non-infrastructure funds, partnering with other organizations is optional. Attach additional sheets if necessary.

#### PARTNERING ORGANIZATION 1

Contact Name: Scott Moore

Contact Title: Principal

Organization: Waialua Elementary School

(check one)       School       School District       Government Agency       Non-Profit       Other

Mailing Address: 67-020 Waialua Beach Road

City, State, Zip: Waialua, Hawaii 96791



Best Phone # to Call: 637-8228

Contact E-mail: Scott\_Moore@hawaiiidoe.org

**PARTNERING ORGANIZATION 2**

Contact Name: \_\_\_\_\_

Contact Title: \_\_\_\_\_

Organization: \_\_\_\_\_

(check one)  School  School District  Government Agency  Non-Profit  Other

Mailing Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Best Phone # to Call: \_\_\_\_\_

Contact E-mail: \_\_\_\_\_

The award of Safe Routes to School funds; any subsequent funding or letting of contracts for design, construction, reconstruction, improvement or maintenance; and the furnishing of materials for this project shall not involve direct or indirect interest of any state, county or city official, elective or appointive. All of the above are prohibited by Hawaii Revised Statute §84-11, §84-11.5, §84-13, §84-14, §84-15. Any award of funding or any letting of a contract in violation of the foregoing provisions shall invalidate the award of Safe Routes to School funding and authorize a complete recovery of any funds previously disbursed.

**Certification**

To the best of my knowledge and belief, all information included in this application is true and accurate, including the commitment of all physical and financial resources. This application has been duly authorized by the applicant. I understand the following OFFICIAL ENDORSEMENT binds the applicant to assume responsibility for adequate maintenance of any new or improved facilities.

I understand that, although this information is sufficient to secure a commitment of funds, an executed contract between the applicant and the Department is required prior to authorization of funds.

Representing the City and County of Honolulu Department of Transportation Services

3 DECEMBER 2015

Signature

Date

Erron Redoble, P.E. – Civil Engineer V

December 3, 2015

Name and Title

Date

## Project Summary

The City and County of Honolulu Department of Transportation Services proposes the construction of a bike path along 825 feet of Goodale Avenue and an intersection treatment at Kealohanui Street and Goodale Avenue to provide safety, improve accessibility for students, and encourage more students to walk and bicycle to/from Waialua Elementary, Saint Michael, and Waialua Intermediate.

## Existing Conditions

The proposed project is along Goodale Avenue which bisects the town of Waialua, Oahu. The Waialua SRTS Team has identified Goodale Avenue as having major infrastructure deficiencies which are discouraging students K-8 from walking and bicycling to Waialua Elementary, Saint Michael, and Waialua Intermediate. This project was first initiated by a parent of Waialua Elementary School who became very concerned with traffic safety after his wife and daughter were involved in a minor collision while riding bicycles to school.

There are many residences and three schools within 1 mile of the project area. See Appendix A for a map indicating a two-mile radius around the affected schools. Waialua Elementary School is located on Waialua Beach Road and is adjacent to the Waialua District Park which is on the corner of Waialua Beach Road and Goodale Avenue. The school serves grades K to 6 and has a school population of approximately 581 students with 33% living within a mile of the school. Saint Michael is a private school located off of Goodale Avenue and serves grades K to 8. It has a student population of approximately 120 students with 32% living within a mile of the school. Waialua Intermediate is located on Farrington Highway and serves 227 students in grades 7 and 8. The student population living within 2 miles of the school is unknown.

Goodale Avenue is a wide two-lane road lined with street lights and unimproved sidewalks from Waialua Beach Road to Kealohanui Street. It is regularly utilized, especially during morning hours. Connectivity between the homes and three schools is compromised due to the lack of a pedestrian and bicycle facility. Students must currently walk along the unimproved shoulders or share the road with motorists.



Picture 1: Mauka view of unimproved sidewalk along Goodale Ave.



Picture 2: Makai view of unimproved sidewalk along Goodale Ave.

Goodale Avenue is abutted by Waialua District Park on the majority of the south side and a vacant plantation field owned by Dole on the north side. The intersection of Goodale Avenue and Kealohanui Street poses additional risks as it is an offset intersection with no assistance for pedestrians or bicyclists crossing the road. There is also a large tree preventing connectivity to the existing sidewalk on the south side of Goodale Avenue from Kealohanui Street to Farrington Highway. These infrastructure deficiencies deter many parents from allowing their child to walk and bike to school.



Picture 3: Approach to Kealohanui St/Gooddale Ave intersection.



Picture 4: Large tree and lack of sidewalk connectivity.

The Waialua SRTS Team's vision is to have a multi-use path along the entire length of Goodale Avenue to promote more walking and bicycling to school and also increase active transportation among the community at large. See Appendix B for the location of the entire path that the Waialua SRTS Team envisions. The project has been of interest to the community for many years and has received the support of Waialua Elementary School, the North Shore Neighborhood Board, local and state representatives, and the Waialua community. The project was identified as a top priority bikeway at the Oahu North Shore Trails workshop held in April 2015. Goodale Avenue is also listed as a priority 1 bikeway project in the Oahu Bike Plan (code 1-23). See Appendix C for letters of support and the Oahu Bike Plan priority 1 project list.

#### Parent Survey and Student Travel Tallies

A parent survey was completed by 277 parents of Waialua Elementary School. Responses show 173 students (62%) live within 1 mile from school. Over half of these students have asked for permission to walk or bike to/from school. The primary reasons for not letting children walk or bike to school was concerns regarding the safety of intersections and the speed of traffic along the route.

Travel tallies were completed in 14 classrooms at Waialua Elementary School on April 21, 22, and 23. Results show a majority of students arrive to school and return home by family vehicle, 72% and 69% respectively. Twelve percent of students arrive by walking/biking and 14% return home using these modes. Parent survey and student tally results are detailed in the Waialua SRTS Plan (see Appendix D) and on the National SRTS Data Collection System (<http://www.saferoutesdata.org/>).

Children who arrive by family vehicle are either dropped off at the school's entrance along Waialua Beach Road or at the Waialua District Park parking lot. Waialua Elementary students who currently walk and children who are dropped off at the park use a four foot concrete walkway through the park to access the school grounds. Due to the narrow walkway and sight distance limitations around buildings,

the Department of Parks and Recreation (DPR) prohibits bicycle riding within the park and discourages students with bicyclists from using this route.

### **Existing SRTS Efforts**

Waialua Elementary has held two sign waving traffic safety days with HPD in the School Year 2014-2015. The school encourages students to bike to school by hosting a Bike to School Day where free helmets were provided to all 4<sup>th</sup> graders and six bikes were awarded. The school provides bicycle education to all 4<sup>th</sup> graders on an annual basis and hosted a bike rodeo conducted by the Hawaii Bicycling League. A crossing guard is located at the corner of Waialua Beach Road and Goodale Avenue and a school monitor is on campus before and after school. Waialua Elementary was also involved in the development of the bike path on Waialua Beach Road. The Waialua SRTS Team has created a SRTS Plan (see Appendix D).

### **Project Scope**

This application is for partial construction of the Waialua SRTS Team's full vision for a bike path from Waialua Beach Road to Farrington Highway. The City and County of Honolulu is applying for funds for the construction of 825 feet of bike path along Goodale Avenue from Waialua Beach Road towards Kealohanui Street and an intersection treatment at Kealohanui Street and Goodale Avenue – see Appendix E for a detailed map of the project area. The design of this project will be funded using City and County of Honolulu funds and is not part of this application.

The proposed path is a 10 foot wide asphalt bike path with a 5 foot striped buffer along the south side of Goodale Avenue (red line in Appendix E). The path will have concrete headers on one side and will tie in with the roadway on the other. An intersection treatment such as a median, speed table, mini traffic circle or similar is proposed at the intersection of Kealohanui Street and Goodale Avenue to provide more visibility and protection for students crossing the road. The exact treatment will be determined during the design phase.

These infrastructure improvements would provide a much needed facility for students to walk and bike to and from Waialua Elementary, Saint Michael, and Waialua Intermediate, encouraging more students to commute using active transportation. In addition, the selected route is the tsunami evacuation route for Waialua Elementary students and having a walking facility would improve the evacuation procedures.

Another SRTS application is being simultaneously submitted for the construction of an additional 950 feet of the path from Kealohanui Street towards Waialua Beach Road (yellow line in Appendix E). Funding for the remainder of the path from Kealohanui Street to Farrington Highway has yet to be determined.

To remedy the infrastructure deficiencies identified, three alternatives were considered. Since many students currently walk from the parking lot of Waialua District Park through the park to reach the school, the possibility of widening the existing walkway within the park (blue line in Appendix E) or creating a new path in the open area between the baseball field and school (purple line in Appendix E)

were discussed with the Department of Parks and Recreation (DPR). DPR determined these routes not to be feasible due to physical barriers preventing the existing sidewalk from being widened and the open space being routinely utilized by other park users. The north side of Goodale Avenue was also considered for the project. This alternative was not viable due to water drainage, existing telephone poles, and an abandoned irrigation channel. For these reasons, the proposed path was chosen as the most effective measure in correcting the existing infrastructure deficiencies.

The project area is expected to be entirely within City and County of Honolulu right-of-way. A complete survey will be conducted during the design phase to identify precise property line demarcation. There have been discussions with the Department of Parks and Recreation regarding the possibility of moving the park’s fence line if space along the roadway is inadequate; however, the necessity of doing so seems unlikely and will be determined during the design phase. The facility will be maintained by the City with possible assistance from community volunteers. No utility agreements are anticipated.

The project will go through a full NEPA process including section 106 and section 7. The project is expected to be a Cat Ex, List C(3) project. No SMA permits are anticipated. A NPDES permit is not anticipated as the project is expected to be under 1 acre in size.

**Project Schedule**

Below is an approximate project development schedule assuming a written authorization to proceed date of July 1, 2016.

<i>Phase</i>	<i>Start Date</i>	<i>End Date</i>	<i>Duration</i>
Design	July 1, 2016	June 30, 2018	2 years
Right-of-way Verification	January 1, 2017	May 1, 2017	4 months
Construction	June 30, 2018	December 31, 2018	6 months
Evaluation	January 1, 2019	June 30, 2019	6 months

The main construction activities are recommended to occur during the school’s summer break to minimize disruption to school activities and school traffic.

**Project Team**

The project team will be led by the applicant who is an employee of the City and County of Honolulu, Department of Transportation Services, Traffic Safety and Alternate Modes Branch (TSAM). TSAM manages numerous federally funded projects annually with decades of experience between four licensed engineers. The applicant is a licensed engineer and project manager for the design phase of Hamakua Drive Bikeway Improvement project which is a federal-aid project. The applicant will be supported by Brian Yoshida, P.E. and Shawn Butler who have experience with overseeing the design and construction of numerous federal-aid projects. Their recent projects include: Waikamilo/Dillingham Intersection Improvements; Diamond Head, Monsarrat Ave, Makapuu Ave, 18<sup>th</sup> Ave Bikeway Improvements; Civic Center Bike Path Improvements; Kapolei Parkway Urban Core 4A.

Awarded SRTS funds will be used to hire a construction management consultant and construction company. Consultants will be chosen in compliance with the Brooks Act selection process and other state and local regulations including the Hawaii Public Procurement Code.

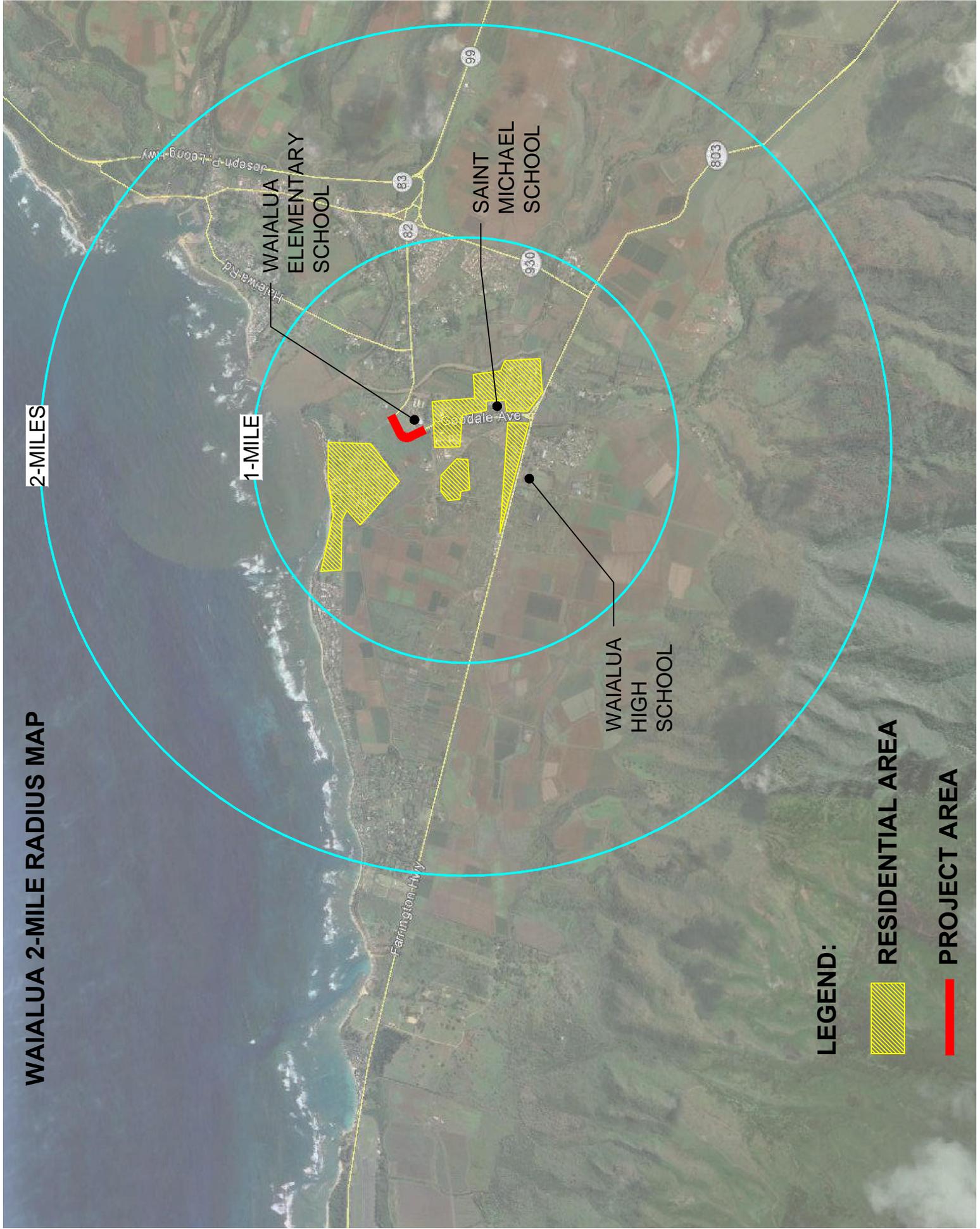
The City will partner with Waialua Elementary School on this project – see Appendix F for partnership letter. Waialua Elementary School will be responsible for notifying parents of the school about construction activities and administering the post-construction parent survey and student tally within 6 months of construction completion. Yamato Milner, the City’s SRTS Coordinator, will lead and coordinate with the Waialua SRTS Team and affected schools to ensure the required parent surveys and student tallies are performed.

### **Cost Estimate**

The construction of the proposed bike path and intersection treatment is estimated to cost \$487,525 including inspection costs. An itemized breakdown of project costs was prepared by Brian Yoshida, P.E. and is included in Appendix G. The estimated project cost per student living 1 mile from Waialua Elementary and Saint Michael is \$2,120. The students of Waialua Intermediate are not accounted for in the cost per student since the number of students living within 2 miles of the school was unobtainable. The cost per student will decrease if these students are considered.

# Appendix A: Map of Area

# WAIALUA 2-MILE RADIUS MAP



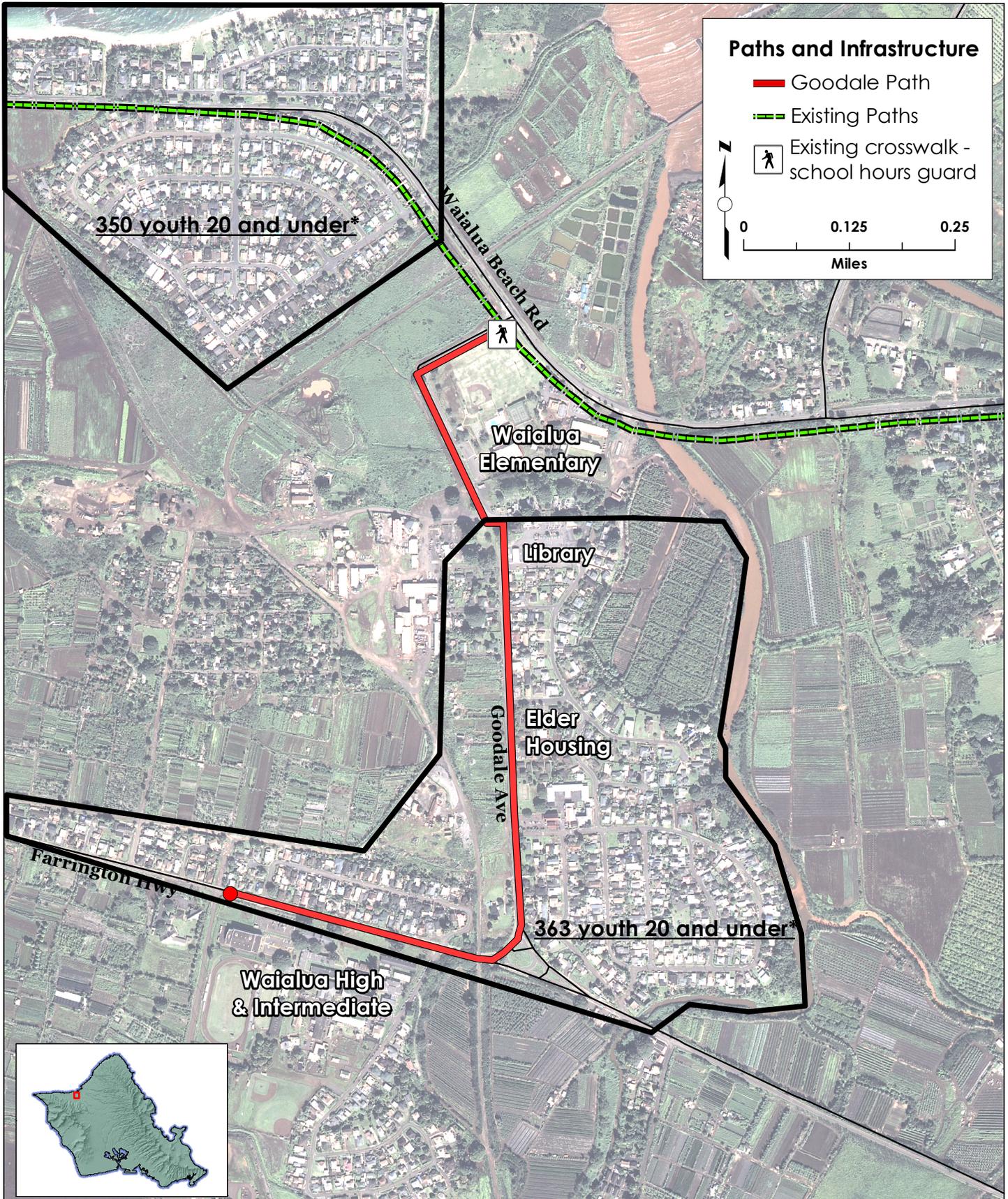
## LEGEND:

 RESIDENTIAL AREA

 PROJECT AREA

Appendix B:  
Vision of Waialua SRTS Team

# North Shore Bike Path Vision - Goodale Path, Waialua



\*Based on data from the 2010 Decennial Census

Appendix C:  
Letters of Support  
and Oahu Bike Plan



## The Senate

STATE CAPITOL  
HONOLULU, HAWAII 96813

June 16, 2015

Mayor Kirk Caldwell  
Honolulu Hale  
530 S. King St.  
Honolulu, HI 96813

Aloha, Mayor Caldwell.

I am writing in support of the proposed bike path from Waialua Elementary School to Waialua High and Intermediate Schools. This new path will connect to the Waialua Beach Road Bike Path and thereby enhance a fairly well connected system of safe bicycle routes for our keiki and provide healthy, alternative transportation options to people of all ages.

Funds have been budgeted by both the City and State for their respective portions of this project, which has strong community support, and which helps fulfill the goals of expanding and enhancing complete streets.

Thank you for your tireless work on behalf of all the residents of Oahu. Please let me know if there is anything I can do to help move this project forward.

Best regards,

Gil Riviere  
Senator, District 23



**HOUSE OF REPRESENTATIVES**

STATE OF HAWAII  
STATE CAPITOL  
415 SOUTH BERETANIA STREET  
HONOLULU, HAWAII 96813

October 29, 2015

To Whom It May Concern,

This letter expresses my unequivocal and steadfast support for the Safe Routes To School application for funding to complete a bike path to connect Waialua Elementary School, Waialua High and Intermediate School, and St. Michael's Elementary School. Additionally, the Waialua Bike Path includes Waialua District Park, Waialua Bandstand, Waialua Public Library, Waialua Shopping Center, an Elderly Housing Complex, and the Waialua Sugar Mill which encompasses a farmers market and small, local businesses.

In August 2012, the Waialua Bike Path was designated a Priority 1 Project in the City and County of Honolulu's Oahu Bike Plan. Funding has been budgeted and approved by the City and County of Honolulu in the amount of \$300,000. During the 2014 Legislative Session, \$500,000 was budgeted and approved by the State of Hawaii for the Waialua Bike Path as part of my House District 45 Capital Improvement Plan.

The Waialua Community has suffered several bike and pedestrian injuries as a result of the current hazardous and unsafe surface conditions along the route. Clearly, there is a compelling need for the Waialua Bike Path to be completed to minimize the risk of injury and fatality, and to enhance the safety and well-being of our students and all who traverse the route. With strong community support and State and City and County funding in place, the completion of the much-needed Waialua Bike Path is a priority for all stakeholders.

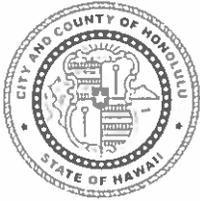
Please let me know how I can assist in moving the Waialua Bike Path forward to completion. Feel free to contact me at (808) 586-9490, or email to [RepMatsumoto@Capitol.Hawaii.gov](mailto:RepMatsumoto@Capitol.Hawaii.gov).

Thank you very much for your time and favorable consideration of the Safe Routes To School application.

Very respectfully,

Lauren Kealohilani Matsumoto

Representative Lauren Kealohilani Matsumoto  
*House District #45 - Waialua, Mokulē'ia, Schofield, Wheeler, Kunia, and Mililani*  
Hawai'i State Capitol, Room 303  
Phone: (808) 586-9490 Email: [RepMatsumoto@Capitol.Hawaii.gov](mailto:RepMatsumoto@Capitol.Hawaii.gov)



**CITY COUNCIL**  
CITY AND COUNTY OF HONOLULU  
530 SOUTH KING STREET, ROOM 202  
HONOLULU, HAWAII 96813-3065  
TELEPHONE: (808) 768-5010 • FAX: (808) 768-5011

**ERNEST Y. MARTIN**  
CHAIR and PRESIDING OFFICER  
HONOLULU CITY COUNCIL  
DISTRICT 2  
TELEPHONE: (808)768-5002  
FAX: (808) 768-1222  
EMAIL: [emartin@honolulu.gov](mailto:emartin@honolulu.gov)

November 9, 2015

Director Michael D. Formby  
Department of Transportation Services  
650 South King Street, 3rd Floor  
Honolulu, Hawaii 96813

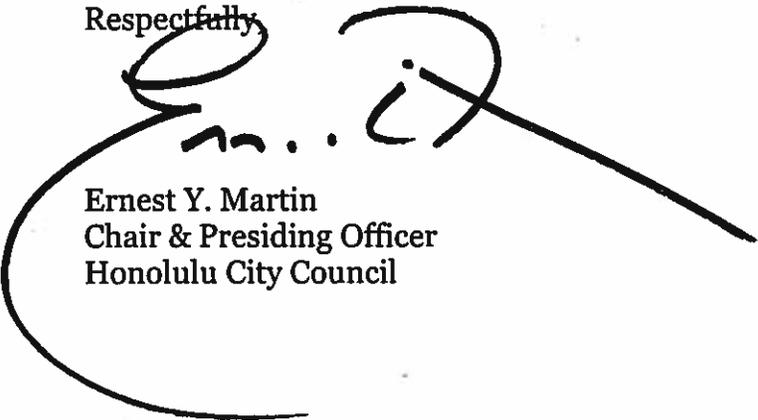
Dear Director Formby */ALOU NAME,*

I write in strong support of the application for Safe Routes to School funding for the Waialua community. As the Councilmember representing the district, I know the importance of this project to the area residents who have long advocated for a safe bike path to connect the three area schools and the Waialua Recreation Center.

This project is included in the City and County of Honolulu's Oahu Bike Plan and would give students at Waialua Elementary School, St. Michael's School (Elementary and Middle) and Waialua High and Intermediate School a safe route to school and to the only recreational facility in the area.

In response to this pressing safety need, I included \$300,000 for the bike path extension in the City and County of Honolulu's budget for 2016 fiscal year. The existing Waialua Bike Path is heavily utilized by residents and the path extension is unquestionably warranted. If you have any questions, please do not hesitate to call me at 768-5002.

Respectfully,

  
Ernest Y. Martin  
Chair & Presiding Officer  
Honolulu City Council

EYM: ti

**Table 5: Priority 1 Projects**

Code	Name	Description	Type	Owner	Length (miles)	Cost** (1000s)	DP Area
1-1	Central O’ahu Regional Park	Kamehameha Highway to Paiwa Street	P	C	0.95	\$734	CO
1-2*	Lanikūhana Avenue	South end of Meheula Parkway to Mililani Shopping Center	R	C	2.64	\$132	CO
1-3	Leeward Bikeway (Phase 1)	Waipi’o Point Access Road to Hawaiian Railroad Society Train Station	P	S	5.99	--	CO
1-4*	Waipi’o Point Access Road (Southern Section)	Pearl Harbor Bike Path to Waipi’o Soccer Park	P	C	0.72	UC	CO
1-6*	Wailua Street	Hawaii Kai Drive to Lunalilo Home Road	L	C	0.37	\$42	EH
1-7*	Kapolei Parkway	Fort Barrette Road to Keone’ula Boulevard	L	C	4.10	\$472	’Ewa
1-8	Kualaka’i Parkway	H-1 Freeway to Keone’ula Boulevard	L	S	4.37	--	’Ewa
1-9	Kamehameha Hwy. (Ko’olauloa)	’O’opuola St. to Waiāhole Valley Road	R	S	25.25	--	KL
1-10*	Hāmākua Drive	Keolu Drive to Kailua Road	L	C	0.79	\$486	KP
1-11*	Kailua - Lanikai Connector	South Kalaheo to Kawailoa Rd. to Mokulua Dr.	R	C	0.82	\$41	KP
1-12*	Kailua Road (Eastern Section)	Wana’ao Road to South Kalāheo Avenue	L	C	0.84	\$97	KP
1-13*	Kailua Road (Western Section)	Ku’ulei Road to Hahani Street	R	C	0.21	\$11	KP
1-14*	Kalāheo Avenue	Kāne’ohe Bay Drive to Kailua Road	R	C	2.12	UC	KP
1-15	Kalaniana’ole Highway (Kailua)	Kailua Road to Olomana Golf Course	R	S	2.51	--	KP
1-16	Kalaniana’ole Highway (Olomana Golf Course)	Olomana Golf Course to Flamingo Street	R	S	0.40	--	KP
1-17	Kalaniana’ole Hwy (Waimānalo)	Wailea to Makapu’u Lighthouse	R	S	3.52	--	KP
1-18*	Kamehameha Hwy (Kāne’ohe)	Kahuhipa Road to Kāne’ohe Bay Drive	L	C	1.09	\$673	KP
1-19	Kawainui Levee Path	Kawainui Neighborhood Park to Kailua Road	P	S	1.25	--	KP
1-20	Kawainui Marsh Path (Levee to Hāmākua Drive)	Levee Path to Makai Side of Kawainui Canal	P	S	0.26	--	KP
1-21*	Kea’ahala Road	Kahekili Highway to Lilipuna Road	R	C	1.28	\$64	KP
1-22*	Wana’ao Road	Kailua Road to Keolu Drive	R	C	0.85	\$43	KP
1-23	Goodale Avenue	Farrington Highway to Waialua Beach Road	R	C	0.82	\$487	NS
1-24	Hale’iwa Road	Waialua Beach Road to Kamehameha Hwy	R	C	1.60	\$946	NS
1-25	Kamehameha Highway (North Shore)	Kaukonahua Road to ’O’opuola Street	R	S	9.23	--	NS

Key

L Lane	C City	CO Central O’ahu	NS North Shore
R Route	S State	EH East Honolulu	PUC Primary Urban Center
P Path	F Federal	KL Ko’olau Loa	Wai Wai’anae
XW signalized crosswalk	Pv Private	KP Ko’olau Poko	UC under design or construction

Notes: Project code “1-5” not used.

Alphabetical listing of projects provided in Appendix B.

\* Projects in Short-Range Implementation Plan (see Table 10).

\*\* Costs not provided for State, Private, or Federal projects, or for City projects under design, construction or privately funded (including those that will ultimately be dedicated to the City).

**Table 5: Priority 1 Projects (continued)**

Code	Name	Description	Type	Owner	Length (miles)	Cost** (1000s)	DP Area
1-26*	18th Avenue	Diamond Head Road to Kīlauea Avenue	L	C	0.33	UC	PUC
1-27	Ala Moana Beach Park (Extension)	Connect existing mauka and makai bike paths, extend path to Kewalo Basin	P	S	0.15	--	PUC
1-28*	Ala Moana Boulevard Path	Atkinson Drive to Ala Wai Canal	P	C	0.10	UC	PUC
1-29*	Ala Wai Boulevard	Keoniana Street to Kalākaua Avenue	R	C	0.29	\$15	PUC
1-30	Aloha Tower Path	Aloha Tower to Waterfront Park	P	S	0.99	--	PUC
1-31*	Alohea Avenue	10th Avenue to Makapu‘u Avenue	R	C	0.34	\$17	PUC
1-32	Beretania St. (Middle Section)	McCully Street to Alapa‘i Street	L	C	1.43	\$164	PUC
1-33*	Beretania St. (Southern Section)	University Avenue to McCully Street	L	C	0.78	\$89	PUC
1-34*	Civic Center Bike Path	Alapa‘i Street to Richards Street	P	C	0.46	UC	PUC
1-35*	Cooke Street	Ilalo Street to South King Street	L	C	0.76	\$88	PUC
1-36*	Coyne Street	University Avenue to Isenberg Street	R	C	0.28	UC	PUC
1-37*	Diamond Head Road	Pākī Avenue to Fort Ruger Park	L	C	1.47	\$909	PUC
1-38	Dillingham Boulevard (Southern Section)	Pu‘uhale Road to N. King Street	R	C	1.44	\$72	PUC
1-39*	‘Ena Road	Kalākaua Avenue to Ala Moana Boulevard	R	C	0.21	\$10	PUC
1-40*	Fort Street Mall	Nimitz Highway to Beretania Street	R	C	0.38	\$15	PUC
1-41*	Harding Avenue	Kapahulu Avenue to 16th Avenue	R	C	1.31	\$65	PUC
1-42*	Honomanū Street	Moanalua Road to Kamehameha Highway	L	C	0.16	\$19	PUC
1-43*	Isenberg St (Northern Section)	Coyne Street to South King Street	R	C	0.17	\$8	PUC
1-44*	Ka‘ahumanu Street	Kamehameha Highway to Komo Mai Drive	L	C	1.01	\$117	PUC
1-45*	Kāhala Avenue	Diamond Head Road to Keala‘olu Avenue	R	C	1.51	\$75	PUC
1-46*	Kalākaua Avenue (Northern Section)	Beretania Street to Ala Moana Boulevard	R	C	0.98	\$49	PUC
1-47*	Kalākaua Avenue (Southern Section)	Saratoga Road to Kapahulu Avenue	L	C	0.95	UC	PUC
1-48	Kalākaua Ave. Signal/Crosswalk	Ala Wai Promenade	XW	C	0.00	\$200	PUC
1-49*	Kālia Road	Ala Moana Boulevard to Saratoga Road	R	C	0.49	\$25	PUC
1-50*	Kapahulu Avenue	Kalākaua Avenue to Old Wai‘alae Road	R	C	1.56	UC	PUC
1-51	Kapahulu Avenue Bike Path (Extension)	Extend existing Kapahulu Avenue Path to Ala Wai Bike Lane	P	S	0.11	--	PUC
1-52	Kapi‘olani Boulevard	Waiaka Road to South King Street	L	C	0.21	\$130	PUC
1-53*	Kīlauea Avenue	Wai‘alae Avenue to Makapu‘u Avenue	R	C	1.56	\$78	PUC
1-54*	King Street (Southern Section)	South Street to Kapi‘olani Boulevard	L	C	2.84	\$326	PUC
1-55*	Kuala Street	Kamehameha Hwy to Waimano Home Road	L	C	1.02	\$117	PUC
1-56*	Kūhiō Avenue	Kalākaua Avenue to Kapahulu Avenue	R	C	1.17	\$59	PUC

**Table 5: Priority 1 Projects (continued)**

Code	Name	Description	Type	Owner	Length (miles)	Cost** (1000s)	DP Area
1-57*	Makapu'u Avenue	Kīlauea Avenue to Diamond Head Road	L	C	0.27	UC	PUC
1-58*	McCully Street	Kapi'olani Boulevard to H-1 Freeway	L	C	0.61	\$70	PUC
1-59*	Moanalua Road (Pearl City)	Ho'omalua Street to Waimano Home Road	L	C	0.60	\$69	PUC
1-60	Moanalua Road (Aiea)	Ka'ahumanu Street to 'Aiea Heights Drive	L	C	1.87	\$215	PUC
1-61*	Monsarrat Avenue - Diamond Head Road	Kapahulu Avenue to Fort Ruger Park	L	C	2.36	\$1,460	PUC
1-62*	Noelani Street	Moanalua Road to Ka'ahumanu Street	R	C	0.72	\$36	PUC
1-63	Old Wai'alaie Road	St. Louis Heights Drive to South King Street (over H-1)	L	S	0.42	--	PUC
1-64*	Pālolo Loop (10th Ave)	Alohea Ave and 10th Ave to Pālolo Place	R	C	2.62	\$131	PUC
1-65*	Pālolo Loop (Pālolo Ave)	Alohea Ave./10th Ave. Intersection to Pālolo Place	R	C	2.83	\$142	PUC
1-66*	Pearl Harbor Bike Path (PHBP) Connector-- Lehua Avenue	Kamehameha Highway to Pearl Harbor Bike Path	L	C	0.34	\$39	PUC
1-67*	Pensacola Street	Waimanu Street to Wilder Avenue	R	C	1.05	\$53	PUC
1-68*	PHBP Connector - Hekaha St.	Kamehameha Hwy to Pearl Harbor Bike Path	L	C	0.09	\$11	PUC
1-69*	PHBP Connector - Kanuku Street	Kamehameha Highway to Pearl Harbor Bike Path	L	C	0.05	\$6	PUC
1-70*	Pi'ikoi Street	Ala Moana Boulevard to Wilder Avenue	R	C	1.20	\$60	PUC
1-71*	Queen Street	Fort Street Mall Path to Pi'ikoi Street	R	C	1.63	\$82	PUC
1-72*	Queen's Beach Trail (South Section)	Beach Trail to Kalākaua Avenue (at Natatorium)	P	C	0.07	\$51	PUC
1-73*	Saratoga Road	Kālia Road to Kalākaua Avenue	R	C	0.27	\$14	PUC
1-74*	School Street	'Iolani Avenue to Middle Street	R	C	2.68	UC	PUC
1-75*	Thomas Square Park	Victoria Street to Ward Avenue	P	C	0.11	UC	PUC
1-76*	University Avenue	Dole Street to Maile Way	L	C	0.36	\$41	PUC
1-77*	Varsity Place	University Avenue to Lower Campus Road	R	C	0.27	UC	PUC
1-78	Waiaka Road-Kuilei Street	Wai'alaie Avenue / King Street Connection	R	C	0.41	\$44	PUC
1-79*	Wai'alaie Ave. (Eastern Section)	11th Avenue to 17th Avenue	R	C	0.49	\$25	PUC
1-80	Wai'alaie Ave. (H-1 Viaduct)	18th Avenue to 'Āinakoā Avenue	L	S	0.89	--	PUC
1-81*	Wai'alaie Ave. (Western Section)	Kapahulu Avenue to 11th Avenue	L	C	0.91	\$566	PUC
1-82*	Young Street	Pensacola Street to Isenberg Street	L	C	1.40	\$865	PUC
1-83	Mā'ili to Wai'anae (Valley Route)	Plantation – Wai'anae Valley - Lualualei Homestead Rd – Mā'ili'ili – Pa'akea – Lualualei Naval Rd	R	C	9.34	\$467	Wai
1-84	Wai'anae Coast Path	Lualualei Naval Road to Kili Drive	P	S/C	8.16	--	Wai
<b>Priority 1 Totals (rounded):</b>					<b>138 miles</b>	<b>\$11.3 million</b>	

Appendix D:  
Waialua Elementary SRTS Plan

# Safe Routes to School Plan

## Waialua Elementary School, Waialua Hawaii 2015

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Waialua Hawaii is a rural town on Oahu. There is a bike path along Waialua Beach Road that has access to Waialua Elementary School. We have seen dramatic use of this bike path by students to safely walk and bike to school. However, this bike path does not safely link up to all the neighborhoods within Waialua, leaving a significant portion of the population without safe bike and pedestrian access to the school. There is also no safe bike and pedestrian access that links neighborhoods to the Waialua Intermediate (7, 8 grades) and High School. We believe that we can safely link our neighborhoods to the schools by adding a multi-use, separated path along Goodale Road. This would connect to our different neighborhoods safely to schools. The plan has been presented and approved by the North Shore Neighborhood Board and at a public meeting at Waialua Elementary School October, 2015. There has been some funding secured by the City (\$300,000) and State (\$500,000) to assist in the development of the project.

The Safe Routes to School Team (SRTS Team) is made up of a number of concerned parents and community members, as well as support from the Hawaii Bicycling League. The team currently is made up of the following individuals:

- Frank Kimitch (parent, Waialua resident)
- Twila Richvalsky (Waialua EI)
- Kathleen Pahinui (North Shore NB, Waialua resident)
- Meredith Speicher (parent, Waialua resident, National Park Service)
- Daniel Alexander (Hawaii Bicycling League)
- Dan Nellis (Dole Land Manger)

Additional parents and teachers have expressed interest in being part of the team. The project is supported by Waialua Elementary, who support biking and walking to school. Please see Appendix A for a list of interested parents and community members from Waialua.

### **Existing Conditions**

Waialua is a rural town on Oahu, Hawaii. This project was initiated by a local resident who became very concerned with the safety of the road when his wife and daughter were involved in a minor accident while riding their bikes to school. This prompted an investigation of safer ways to get to the school, as well as general access throughout Waialua and Haleiwa. Since then, the idea has been circulated in the community, to local representatives, to the North Shore Neighborhood Board, Friends for Waialua Town, and to Waialua Elementary School. The North Shore Neighborhood Board approved of the initial plan via a resolution, and since then, there has been additional outreach and planning among key stakeholders and adjacent landowners.

In addition, this bike path is part of the City's Bike Plan. It is a Priority I Project within the Oahu Bike Plan, created by the City and County of Honolulu. It is also identified as a bike project within the older Hawaii Bike Plan, which was developed by the Hawaii State Department of Transportation. State and City representatives were able to secure funds for the project; however these funds have never been released to initiate the project.

The proposed path along Goodale Avenue would connect to an existing protected bike path along Waialua Beach Road that has access to Waialua Elementary School. This path was planned and built after a tragic accident that resulted in the fatality of a child. As a result, the path has been constructed and provides a safe access for some parts of the community to Waialua Elementary School. We have seen dramatic use of this bike path by students to safely walk and bike to school. However, this bike path does not safely link up to all the neighborhoods within Waialua, leaving a significant portion of the population without safe bike and pedestrian access to the school. In addition, there is no safe bike and pedestrian access that links neighborhoods to the Waialua Intermediate and High School. We believe that we can safely link our neighborhoods to the schools by adding a multi-use, separated path along Goodale Avenue. This would connect to our different neighborhoods safely to schools, both to Waialua Elementary and to Waialua Intermediate and High School. The separated path would also provide safe access to St. Michael's School, a private school (Pre-Kindergarten through 6<sup>th</sup> grade) that is located on Goodale Avenue.

In April of this year (2015), the concept of a separated path to connect to the existing Waialua Beach Road bike path was considered as part of a larger design workshop for the North Shore of Oahu. Alternative routes were researched, mapped, and analyzed to determine the best options for Waialua. Key stakeholders, including a representative from Dole, who owns the land adjacent to Goodale Road, participated to assess the best options. A field and mapping exercise was completed to address alternatives, such as a separated path on Pu'uiki Road and cane haul routes. After review and analysis, Goodale Road presented the best options from a land owner, safety, and logistical perspective. In addition, Dan Nellis, the Dole representative, committed to "pursue what he can to provide easements and concentrate on the Goodale Project." Advice and best practices was shared to keep the project moving forward. The design workshop also identified key projects that were recommended to be pursued. The Goodale Project was one of these projects. In addition, Waialua Elementary has been involved and active in developing a safe routes to school program to encourage safe biking and walking to school.

### **Waialua Elementary Safe Routes to School**

Waialua Elementary was involved in the development of the bike path on Waialua Beach Road (Engineering). They have held two sign waving traffic safety days with HPD in the School Year 2014-2015 (Enforcement). They encourage students to bike and walk to school by hosting a bike to school day (November 2014) and provided free helmets to all 4<sup>th</sup> graders as well as a giveaway of 6 bikes. The Hawaii Bicycling League has hosted a bike education and rodeo. Waialua Elementary provides bike education for all 4<sup>th</sup> graders on an annual basis. In addition, the route along Goodale Avenue is the tsunami evacuation route for Waialua Elementary. Students conduct a mock evacuation once a year at the school and students walk from the Waialua Elementary, along Goodale Avenue to Waialua Intermediate and High School. Having a safe path would improve the evacuation procedures. Goodale Avenue has street lights as well.

The following information provides the requested information about each school.

#### **School Name and Details:**

## Waialua Elementary, Grades Pre-Kindergarten through Six Grade

Number of K-6 students enrolled at school for school year 2015-2016 is 581 students. Approximately 1/3 of the student live within a mile of the school.

**St. Michaels School:** Private school serving pre-school through 8<sup>th</sup> grade. Most recent data had 120 students at the school, 38 who live within a mile of the school.

**Waialua Intermediate and High School:** For the 2015-2016 school year, there are 118 7<sup>th</sup> graders and 109 8<sup>th</sup> graders, for a total of 227 students.

### Current Conditions walking and biking to school

There is a multi-use path along Waialua Beach Road which provides safe access for students from select neighborhoods to ride a bike or walk to school. This path services the neighborhoods adjacent to this path. There are no safe connections to this path from Goodale Road, which is a highly utilized road, especially in the morning hours when students are getting to school. Half of the population of Waialua does not have safe access to school to walk and bike. In addition, the route along Goodale Avenue is the tsunami evacuation route for Waialua Elementary. Students conduct a mock evacuation once a year at the school and students walk from the Waialua Elementary, along Goodale Avenue to Waialua Intermediate and High School. Having a safe path would improve the evacuation procedures. Goodale Avenue has street lights as well.

## Survey Results

### I. Travel Tallies

Travel tallies asking how students arrived to and planned to go home from school were completed in 14 classrooms for the dates of April 21-23. A majority of students arrived to school via family vehicle (72%) and went home by family vehicle (69%). Twelve percent of students arrived by walking (5%) or biking (7%) and 14% went home walking (7%) or biking (7%).

Table 1: Travel Tally findings

	Walk	Bike	School Bus	Family Vehicle	Carpool	Transit	Other
Morning	5%	7%	7%	72%	8%	0%	1%
Afternoon	7%	7%	6%	69%	9%	0.7%	1%

### II. Parent Surveys

**Response Rate:** Parent surveys were received from 277 parents that included grades Pre-Kindergarten to 6<sup>th</sup> Grade.

**Distance:** The majority (65%) of students lived within 1 mile of school, with one-third (33%) of students living within ½ mile of school. Seventy percent of students lived 1-2 miles from school and 17% lived more than 2 miles from school.

### Mode of Travel

A majority of students arrived to school via family vehicle (76%) and went home by family vehicle (73%). Sixteen percent of students arrived by walking (8%) or biking (8%) and 17% went home walking (9%) or biking (8%).

Table 2: Mode of travel findings

	Walk	Bike	School Bus	Family Vehicle	Carpool	Transit	Other
<b>Morning</b>	8%	8%	4%	76%	4%	0%	0%
<b>Afternoon</b>	9%	8%	4%	73%	6%	0.4%	0.4%

### Issues Affecting Walking and Bicycling

Traffic safety was the primary issue identified for deciding not letting children walk or bike to school, with 64% of parents identifying “safety at intersections and crossings” and 53% of parents identifying “speed of traffic along route” as issues. Concern of violence and crime (49%) and distance (46%) were other common issues.

*Table 3: Issues affecting the decision to allow a child to walk or bike to/from school*

Issue	Parents responding that it is an issue
Safety of Intersections and Crossings	64%
Speed of Traffic Along Route	53%
Violence or Crime	49%
Distance	46%
Amount of Traffic Along Route	43%
Crossing Guards	38%
Sidewalks or Pathways	38%
Weather or climate	30%
Time	30%
Adults to Bike/Walk With	24%
Convenience of Driving	20%
Child's Participation in After School Programs	20%

### Current Status, Planning, and Compliance

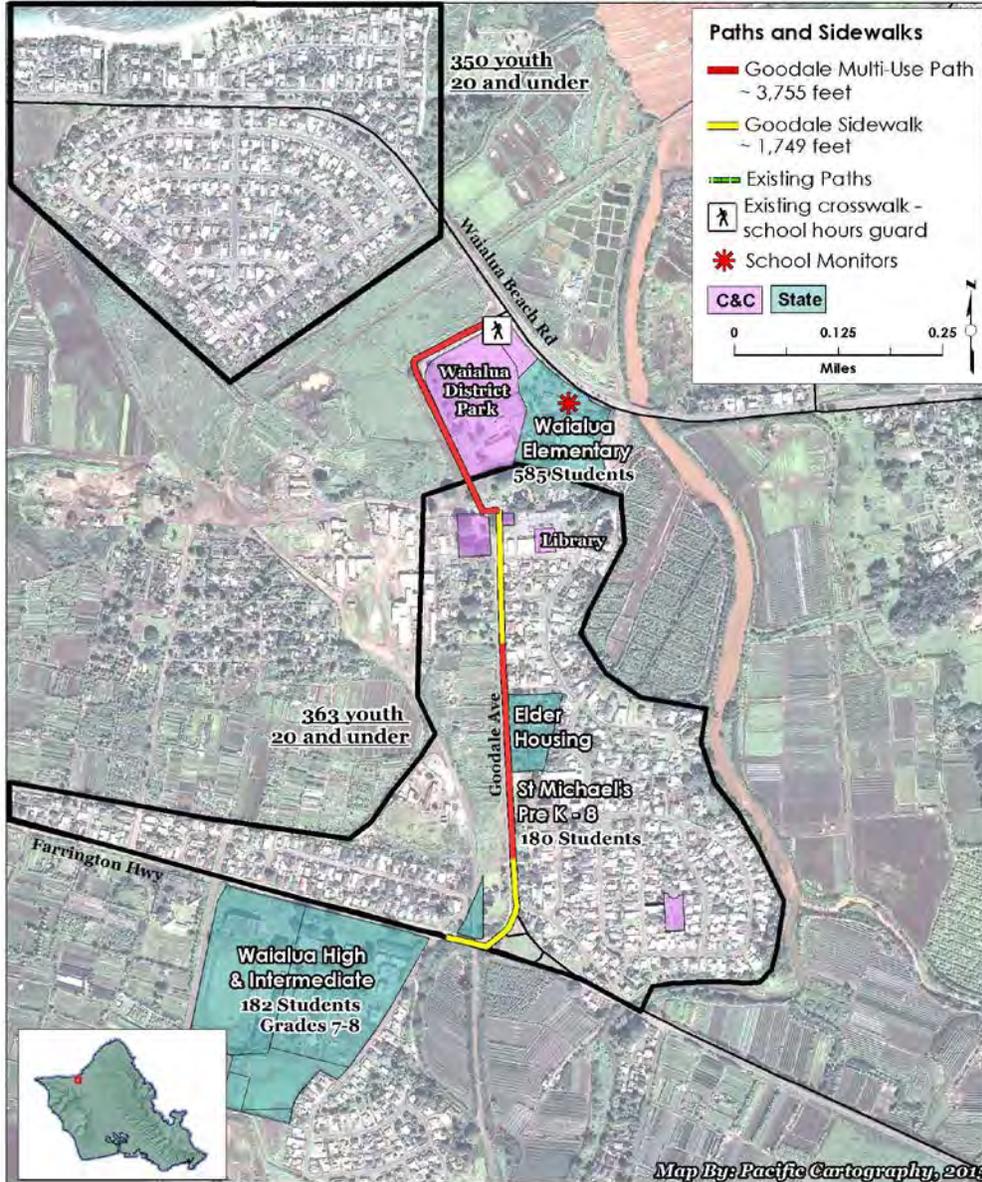
Goodale Avenue is a main road that connects Farrington Highway, various side streets and neighborhoods, and Waialua’s main commercial and industrial center to Waialua Beach Road. The road is adjacent to Dole-owned lands, except for one private residence. The area adjacent to the road has been previously disturbed, and was sugar cane fields. As previously disturbed land, we believe that the project would not require extensive environmental review, and qualify for a categorical exclusion under Hawaii Revised Statutes (HRS) Chapter 343 and the National Environmental Policy Act (NEPA).

### Figure 1 – Map of Waialua

The map shows existing conditions. The City asked that we identify existing sidewalk areas in the event that these areas could be widened to accommodate a multi-use path. The yellow indicates these areas. The proposal

for the pat would be on the west side of the street.

### North Shore Bike Path Vision - Goodale Path, Waialua



Imagery Courtesy of Digital Globe and the USDA NRCS (2011)  
Data courtesy of Hawaii State DBEDT, 2013  
Boundary Accuracy +/- 15'

### Priority List of Strategies

#### Recommendation of Needs:

The following has been recommended based on our work to date:

### ***Engineering***

- Bike/pedestrian pathway on Goodale Avenue
- Bikeway on Farrington Hwy connecting to Goodale Ave
- Crosswalk by library on Goodale
- Additional bike racks

### ***Enforcement***

- Crossing guard at Waialua Beach Rd and Goodale Ave
- More traffic law enforcement

### ***Encouragement***

- Helping kids get access to bicycles
- More bike and walking to school encouragement activities

### ***Education***

- Providing children with helmets

Appendix A Community and Parents Interested in helping the Waialua Bike Path Extension Project

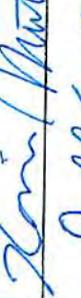
WAIALUA BIKE PATH PETITION

I support a bike path from Farrington Highway (Waialua High and Intermediate School) to Waialua Beach Road (Waialua Elementary School) along Goodale Avenue

PRINT NAME	SIGNATURE	ADDRESS	EMAIL	PHONE
Yamato Milner		3328 Francis St.	YamatoMilner@gmail.com	(808) 214-3496
Laura Buer		60-264 Waialua Beach Rd.	laura.c.buer@gmail.com	(802) 743-1178
Marsha Taylor		PO Box 1034 Waialua	WaialuaCeliMay@gmail.com	780-3284
Theresa Jamaroha		PO Box 381 Waialua	terryjasy@gmail.com	808 753-8619
STEWART KING		68-703 ORCHARD WAIALUA	RKing@hawaiiinfo.com	637-9241
Bill Quilwan		58-115 WAIKOOHUA PL HALEIWA HI 96741	WIMBQUILWAN@AOL.COM	
Jack Reid		64-341 KAMOOHUA RD Waialua 96751	ALolla70ny@aol.com	542-1354
ROBERT JUSTICE		PO BOX 674 HALEIWA 66-341B KAMOOHUA WAIALUA 96791	JUSTICE.ROBERT@HAWAII.COM	258-2891
TONYA REID		PO Box 395 WAIALUA, HI 96791	AReid@hawaiiinfo.com	114-272-2068
Ed Hewitt			ehewitt@hawaiiinfo.com	783-1178
Allen		P.O. Box 80 Waialua HI 96791	SugarKington@yahoo.com	285-0289

WAIALUA BIKE PATH PETITION

I support a bike path from Farrington Highway (Waialua High and Intermediate School) to Waialua Beach Road (Waialua Elementary School) along Goodale Avenue

PRINT NAME	SIGNATURE	ADDRESS	EMAIL	PHONE
Ken Capes		58-274 Au St. Waialua, HI 96791	Capescap@gmail.com	392-9899
Mike Ventura		67-4424 aiaoa St.	jsvent57@gmail.com	690-1183
Cindy Covell		67-224 Niuhaloa Place, Waialua, HI	cindyacovell@gmail.com	280923
JIM COVELL		67-224 NIUHALO PL. WAIALUA, HI 96791	jimTcovell@gmail.com	542-3192
Kalika Ragsdale		67-423 Haona St. Waialua	kalika@hawaii.rr.com	226-5039
Jess Kawachi		68-274 Au St. Waialua HI 96791	jess.kawachi@yahoo.com	203-9059
Kaori Muto		68-274 Au St. Waialua, HI 96791	meilan_39@yahoo.com	203-8672
Jeff Scott		59-661 Alapio Rd Haleiwa, HI 96712	sjscott560@yahoo.com	772-3833
Darolyn + George Williams		67-485 Kukea Cir Waialua, HI 96791	out of service	637-9553
BRYAN PHILLIPS		59-380A Pupukea Rd Haleiwa, HI 96712	Bryan.Phillips808@gmail	375-7501

WAIALUA BIKE PATH PETITION

I support a bike path from Farrington Highway (Waialua High and Intermediate School) to Waialua Beach Road (Waialua Elementary School) along Goodale Avenue

PRINT NAME	SIGNATURE	ADDRESS	EMAIL	PHONE
Robert Leung		59-524 Auauau Pl Lanikai, HI 96822	leungrobert@gmail.com	638-7010
Isabelo F. Palabay		67-134 HAOLUA ST.		810-0822
Michael Lyons		66376 Haleiwa Rd		722-8320
KELIF ANDERSEN		66-008 KPM AUAU		
JIM NERMAN		927 PROSPECT ST HAWAII HI 96822	niermanj81@hawaii.nv.com	
Michelle Wong		3215 Palolo Terrace Pl Hawaii		
Ed Shanahan		89-171A Ke Nui Rd Waimanalo, HI 96794		
DALE ROWLEY		68-450 KUKUO ST WAIMANALO, HI 96794	PURINASUNNY@WAIMANALO.HI.GOV	637-7740
Pamela Whitman		59-436 Makua Rd Waialua HI 96791		
Kalani Fonda		576 Kings St Hon 96813	northshore@ksbe.edu	637-2436
Lynn Kelly		67332 Kone Pl	kellyl9@gmail.com	
Jeff Scott		59-661 Alapio Rd Haleiwa	sjscoott560@yahoo	772-3833 (member, HI Bike League)
Ed [unclear]		66-590 Kamaehaehaeha St Haleiwa	EdAS@Hawaii.nv.com	
Florine Robinson		66125 Oluana Pl		637-6872





WAIALUA BIKE PATH PETITION

I support a bike path from Farrington Highway (Waialua High and Intermediate School) to Waialua Beach Road (Waialua Elementary School) along Goodale Avenue

PRINT NAME	SIGNATURE	ADDRESS	EMAIL	PHONE
MICHELLE KATLER		68 304 KAMAHANA	MOBILE@WORLD.COM	888-883-8310
Marie Rittenhouse		59-088 Kam Hwy	rrri:tsunsta.net	341-7616
Diane Parker		66-072A Waialua Beach Rd	Dione.hawaii@hotmail.com	
Diane Hanzel		62-620 B Kam	kine.life@hawaii.com	
Joy Kalke		happy joy hawaii@hotmail.com	joykalke	
Tim Kalke		timkalke@hotmail.com		
Tae Bastar		feliztae@yahoo.co.jp		
Diane Anderson		61-669 Kamelani Hwy Haleiwa Hawaii	herion@hawaii.com	
REX DUHON		59-171 A Ke Nuu Sunset Beach, HI 96712	dubi@design.ehotmail.com	
VALE DIXON		PO BOX 144	ON FILE	NA
Doreen Montgomery-Ross		95-430 Kamahana Pl	hawaii.com	

WAIALUA BIKE PATH PETITION

I support a bike path from Farrington Highway (Waialua High and Intermediate School) to Waialua Beach Road (Waialua Elementary School) along Goodale Avenue

PRINT NAME	SIGNATURE	ADDRESS	EMAIL	PHONE
MELISSA MEEK		P.O. 133 Waialua	happymesa@live.com	808 888-4921
Sara Pabiel		59-171 Ake Nui Rd	inredubie@gmail.com	888-343-5969
Sally Cole	Sally Cole	59-199 D Ke Nui Rd		
Susan Williams		59-652 Pupuka Rd	suew239@aol.com	561-3589
Megan Williams		66-044 Koi Placo #712	Megan1588@aol.com	891-3821
Amy Webb		59-652 Pupuka Rd	amymwebb10173@gmail.com	729-0096
Dale Crona		66-506 Waini St	dalecrona@yahoo	888-5073
Leilani Viera		66-390 Haleiwa A	lheviera@gmail.com	808-927-3605
Ruth Thomson		106-502 B Paalaa	ruth.thomson@yahoo.com	594-362-4428
KAREN BOGGETT		58-044 KAPUA PLACE TRUCKEE	kjborgset@gmail.com	808 202 8633
Marlene Webb		67-173 Kuaoha St Waialua HI 96791	MINNICOLOTT@HOTMAIL.COM	
Ruth Webb		67-173 Kuaoha St Waialua HI 96791	MINNICOLOTT@HOTMAIL.COM	
Michelle Spencer		67-331 Kukua Circle Waialua HI		808-636-2197
Hedi Burge		66-248 Haleiwa	hburge@gmail.com	372-9304

HI

WAIALUA BIKE PATH PETITION

I support a bike path from Farrington Highway (Waiialua High and Intermediate School) to Waiialua Beach Road (Waiialua Elementary School) along Goodale Avenue

PRINT NAME	SIGNATURE	ADDRESS	EMAIL	PHONE
Nate Burgoyne		660-248 Halewaka	nateburgoyne@gmail.com	753-3759
Ivy Aguilar		107-423 Haona	wildking@yahoo	457-0161
Laura Kimitel		67-227 Kuki Place	Lauradiborenze@hotmail.com	637-2271
RICHARD KOENIG		PO Box 520 Waiialua, HI	richard_e_mccormack_pioneer7	479-4359
CARMEL TOMLINSON		67-226 Kinapele St	CarmelTomlinson@icloud.com	389-6829
Zina Mercado		67-215 Koni St Waiialua, HI 96791	ZBZ111@hawaii-inc.com	781-1438
Chrissy Wood		67-616 Kahui St, Waiialua	Cwood528@hotmail.com	722-6617
Francine Hennemann		67-264 Kahaone Hennemann Loop B, Waiialua	franhennemann808@hotmail.com	636-9477
Kelly Jean Evans		PO Box 1004 Waiialua HI	Kellyinparadise@hotmail.com	457-0646
Amye Dulan		929 Aemivaii, Kahala 5333 Kalia St, HI 96286 HI 96215	billingsdulanyou@yahoo.com	673-9045 Hawaii Bicycling League 808 735 5756
Taylor Ritenbery		44 1115	taylor@hbi.org	
Wendy Wylde		67-269 Au St WAIALUA 96791	wendywylde@yahoo	719-373-8044
Kelly McEneaney		67-429 Hana St Waiialua HI 96791	mceneaneykelly@yahoo	808-681-9376
Brendan Hannan		95-472 MANTUCCI ST MILILANI	bhannan.tfp@gmail.com	808-579-3469

WAIALUA BIKE PATH PETITION

I support a bike path from Farrington Highway (Waialua High and Intermediate School) to Waialua Beach Road (Waialua Elementary School) along Goodale Avenue

PRINT NAME	SIGNATURE	ADDRESS	EMAIL	PHONE
Kenani Alvarado		3034 Margaret St. Honolulu	EKAUVA12.A.D.O@comcast.net	(650) 740-4843
Silba Granemthal		PO Box 82 Waialua HI 96791	esjbase@gmail.com	(907) 388-4448
Kathleen M. Puhimani		62-237 Kawi St Waialua HI 96791	qahiniwikodachanani@gmail.com	637-8545
Jenny Vienna		67-441 Puhiki St Waialua, HI 96791	jennvierra@gmail.com	782-3996
Christine Keogh		68-024 Mawuku St Waialua HI 96791	caeypraha@hawaii.net	292-4068
Ryan Keop		" "		265-2771
Dina Oliver		58-350B Kam Hwy Ikaika HI 96712	shopchirodol@gmail.com	415 786 7980
Jacque Leinau		59-517 Aukauka Rd Halawa, HI 96712	jacque-leinau@gmail.com	392-8851
Gwen Woltz		49-793 Kamehameha	gwendolynjules@gmail.com	896 8745
MEL HUGS		67-253 FARRINGTON	WELDANIK2000@yahoo.com	
Julie Abando		55-422 Moanani	mie-abando@yahoo.com	283-3808
Kimikawachi		68-274 Au St Waialua HI 96791	Kimikawachi@yahoo.com	637-9673





### Expanding the Waiialua Bike/Pedestrian Path - SAFE ROUTE FOR ALL OUR KEIKI!

Based on our final discussions for design options and the proposed bike/pedestrian path, do you support the project?

NAME	Yes/No	COMMENTS/SUGGESTIONS
Candace Williams	Yes	Move it along plse
George Williams	Yes	" " "
Jeff Scott	Yes	why does this take so long?
Ken Gages	Yes	Love it, please extend the bike path. <sup>safety, health, community building</sup>
Julie Ventura	YES	Perfect for the kids & lake
Haron Woods	Yes!	More Bike Paths & Routes
Kelika Rasagoda	Yes	We need <u>this</u> for our community!

Goodale Ave. Multi-Use Path - SAFE ROUTE FOR ALL OUR KEIKI!

Name	What Grade(s) are you kids in?	Contact - email	Contact phone	Preferred Route (A,B,C)
Eni Lopez	4, 3K	Ippel/films@gmail.com	(808) 375-7468	A For Sure!!
Ana Gleibenti-Ippel	4, K	ippel@hawaii.edu	808 375 7847	A
Ally Certo	1	allycerto@hotmail.com	808 343 1741	A
Lina Benilla	5 <sup>th</sup>	linabenilla@sbcglobal.net	339-8698	A & C
CAIDEN & CIAN	K - 1 <sup>st</sup>	carismo@yahoo.com	541-7266	A
Dick Weil	N/A	dickweil@hawaii.m...	637-3393	
CRAIG RHEAULT	1 PK	dingoraysabath@yahoo.com	628 8906	A
Jan Cinger	4	jcsales@gmail.com	551-5833	A
Heidi Burgoyne	2, 4, 7	hbhawaii@gmail.com	372-9384	A
Kerry Case	K	Nshampaa@aol.com	234-3985	A A A
Sarah Vall	6	S.chimera@gmail.com	754-1976	A
MYRBA LAWESA-OLANTA	1	cracke.1@gmail.com	382-2814	A
Lola Hudson	2 & 4	Lori Paradise Processing	Net 352 3155	A
Wendy Manalo	1 + 3	joemana16@att.net	777-7085	A
DANITO CORTO	5 <sup>th</sup> + Pre-K	damilockcarto@hotmail.com	226 1835	A
Layla Corto	5 <sup>th</sup>	lawrencehawaii@gmail.com	227-9095	A
KERRIE IKE	1, 3, 5	KERRIE.IKE@gmail.com	388-5783	A



Appendix B – Meeting Notes from October 2015 Waialua Bike Path Extension Meeting

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# WAIALUA BIKE PATH EXTENSION COMMUNITY MEETING

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WAIALUA ELEMENTARY CAFETERIA - OCTOBER 20, 2015 6:30-8:30

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## AGENDA

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Welcome and Introductions	6:30
Overview of North Shore Trails Project	6:45
Overview of Waialua Bikepath Extension efforts	6:50
Proposed DTS alignment of Waialua Bikepath Extension	7:00
Break Out Group Discussions and Report Back	7:10
Next Steps	8:10

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# MEETING NOTES

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## WELCOME AND KEY INTRODUCTIONS:

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- Doug Cole from North Shore Community Land Trust introduced the team and the agenda for the meeting.
- Representative Lauren Matsumoto spoke about her efforts to secure funding and the history of involvement with Frank and the group to support the path.

## BRIEF OVERVIEW OF NSCLT NORTH SHORE TRAILS VISIONING AND PLANNING PROCESS

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Doug provided an overview of the North Shore Trails Project, their involvement, rationale for working on trails, and the big picture goal to connect the north shore from Ka'ena to Kahuku. The Goodale bike path section is an important part of a comprehensive goal/vision of having family friendly bike paths throughout the entire region.

## BRIEF OVERVIEW OF GOODALE BIKEPATH PROJECT

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Frank Kimitch provided an overview of how the first bike path happened, how he got inspired to work on developing an extension path to connect the schools and neighborhoods, and the general timeline that has occurred. Frank summarized the work on defining the proposed route, working with the City and County of Honolulu Department of Transportation Services (City DTS), and taking the next steps to involve the community, schools, and elected officials.

## EXPLANATION OF PROPOSED ALIGNMENT

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Meredith described the Safe Routes to School funding opportunity and the work involved with City DTS. She described the challenges posed by our first proposed route and why City is asking us to consider their alternative for Safe Routes to School Application. She reviewed the route recommendations from the HDOT and the rationale for the current proposed route. The details are as follows:

- The benefits of the proposed alignment (tsunami evacuation route, safe access for students, connects to rec center, bus stop, library, etc.)
- The constraints of having the path on the Ka'ena/west side of the road adjacent to Dole lands included drainage issues, extensive dirt moving to flatten the land, the historic tree, and old irrigation systems from the sugar mill processing days.
- Acknowledging that there are some potential challenges and that we would like the group to help think through these to come up with solutions.
- We are seeking this to provide safe routes to school for students, so this needs to be considered as we move through the next set of exercises. How can we design this to meet the various needs of our keiki and community?

## DISCUSSION

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Doug led the group discussion. All the participants introduced themselves and their interest in the bike path. Then the group went through a series of questions, as documented below.

### WHAT DO YOU LIKE ABOUT THE PATH?

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- Safety
- Promotes healthy lifestyle
- Good for the environment
- Fun!
- Family bonding, it can spur creative thinking and facilitates healthy relationships
- Unifies the community
- Practical
- We don't want to wait for a tragedy to prompt the need for a path (e.g. how Waialua Beach Road path was started)
- Supports infrastructure for the community
- Next step in the general plan for trails and paths, it moves it forward
- Adds value to the community (economic and community)

### WHAT DO YOU LIKE ABOUT THIS ALIGNMENT (CITY PREFERRED)

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- Prefer this option, it makes sense, we can move the fence, like the idea!
- Families will make adjustments, we can make it work
- Good because it is adjacent to the park
- Less crossing the street by kids
- Close to schools, shopping, library, parks
- City easement allows the path
- Easiest path to build, it is a compromise of options
- DTS supports it
- Access to the fields and park
- Events like the High School Parade can happen on the path instead of shutting down the entire road.
- It makes the Tsunami Evacuation Route from Waialua Elementary School safer
- If the fire station in Haleiwa is ever relocated, it will be on the Dole side of the street so this avoids a future conflict.

### CONCERNS, CHALLENGES AND SOLUTIONS

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- Kealohanui Street and Goodale Avenue intersection puts the kids in the line of the traffic. Cars don't pay attention to kids on bikes
  - Solutions: we could install a flashing beacon, or put flashers in the ground at that crossing
  - This could spur the city to fix this intersection- maybe a traffic circle/roundabout? It could be researched for possible solutions

- Cross the road at the crosswalk on the opposite side of the road on Goodale and then make the crossing at Kealohanui Street safer for the kids.
- A roundabout/circle could be done with a bike protected lane which would fix the intersection and alignment and make it a safe bike/kid crossing
- Reverse the stop signs to be on Kealohanui Street to allow for better traffic flow.
- Increase safety for kids getting to school
- The Farmers Market is another reason to look at improving the intersection, there is a lot more traffic on Saturdays at this intersection.
- Parking for the Library could help with the traffic flow. Perhaps the Library could help fund a parking lot?
- Maintenance of the Bike Path: how will it be maintained?
  - The City would likely be responsible, but the community would need to take it on. Ideas to make this happen include starting a 'friends of the bikepath' group who would maintain the path.
  - Establish a sustainable, low maintenance option for the bike path
  - It's a great opportunity to get the students involved with the friends group to help maintain areas around the school.
- Crossing at Farrington to the Intermediate/High School: is this the safest option?
  - We could use the existing, old cane haul road bridge to get across
    - This could be a safety issue for kids as it is out of sight
    - There are private land owners and could result in taking more time and be more expensive
  - Cut through the hole in the fence at Kuhu Street as an option?
    - This was looked at and presented to the city, but didn't seem to be feasible from their perspective (passed around the pictures)
    - You would have to deal with private land owners (Gilmans) and it could increase the time and cost involved.
    - Dealing with private owners adds years to a process
  - Personal safety should be a concern; in Mililani they have that problem with 2 tunnel areas that provided safe access to the schools. Due to inappropriate behaviors, they had to block the tunnel access areas.
- Lighting, is this a concern?
  - There is some existing lighting, but there are some dark spots.
  - We should be aware of the lighting needs to determine if we need more lighting
- HDOT Priorities: They have noted that it is a priority 3 under their bike plan and may not release state funds.
  - It is a Priority 1 project under the City's Bike Plan, which is the more recent Bike Planning document.
  - We need to show community support to help change this thinking.
  - Need to release the state funds of \$500k per Representative Matsumoto

## NEXT STEPS

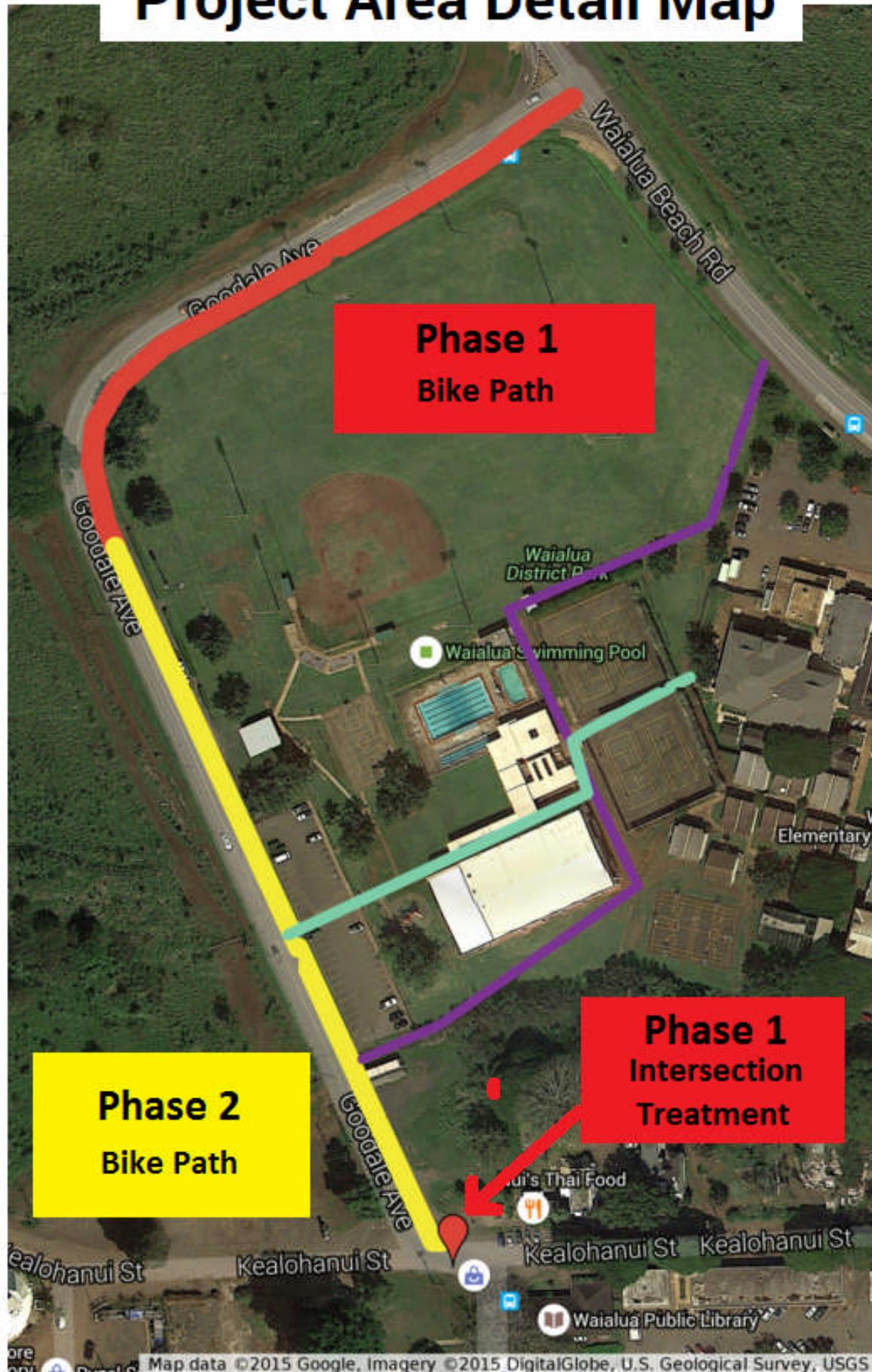
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The participants asked how they can best help to make the project a reality. The following was identified:

- Share this information with your family and friends. If anyone has concerns, questions, ideas, or wants to learn more, they can get in touch: [pahinuik001@hawaii.rr.com](mailto:pahinuik001@hawaii.rr.com)
- Representative Matsumoto explained the current efforts to release the State Funds from HDOT. She may need to document community support for the path in the coming weeks to convince HDOT to release the money. She will notify the group if and when this becomes a real need once the best strategy is determined.
- Share on social media, talk to neighbors and friends, and continue to spread the word!
- Work with key politicians to help get the word out

Appendix E:  
Project Area Detail Map

# Project Area Detail Map



Appendix F:  
Partnership Letter



**STATE OF HAWAII**

DEPARTMENT OF EDUCATION

**WAIALUA ELEMENTARY SCHOOL**

67-020 WAIALUA BEACH ROAD

WAIALUA, HAWAII 96791

Ms. Tara Lucas  
Safe Routes to School Coordinator  
State of Hawaii Department of Transportation, Highways Division  
Traffic Branch  
601 Kamokila Boulevard, Rm. 602  
Kapolei, Hawaii 96707

Dear Ms. Lucas;

Waialua Elementary School is excited to be a partner with the City and County of Honolulu to enhance our student's ability to safely walk or bike to school. We encourage our students to be healthy and active, and walking and biking to school is an excellent way to promote healthy living. Safety is important to us and we encourage walkers and bikers to use safe access, including marked crosswalks on campus to help ensure students are visible to oncoming traffic. We want to make sure all students coming to and going from school are doing so as safely as possible. We have supported our Safe Routes to School team by working with our teachers to conduct the survey last school year, to host public meetings, and build awareness around our options for increasing safe walking and biking to school.

Our bicycle safety program is growing and we just hosted our 3<sup>rd</sup> annual Bike/Poster Contest this past October. Three very lucky 4<sup>th</sup> graders won a brand new Mountain Bike. Also the 4<sup>th</sup> graders were given bike helmets in the color of their choice! We continue to promote safe and active students, and are pleased to be supporting further efforts so that more of our students will be able to safely walk or bike to school from their neighborhood. A high percentage of our students, who live within safe biking or walking distance to the Waialua Beach Road bike path, use the path to safely get to school. We have very full bike racks on a daily basis. We look forward to increasing those numbers by providing that critical, safe link to our other neighborhoods in Waialua.

Waialua Elementary provides bike education for all 4<sup>th</sup> graders on an annual basis. We have held two sign waving traffic safety days with the Hawaii Police Department in the School Year 2014-2015 (Enforcement). We encourage students to bike and walk to school by hosting a bike to school day (November 2014) and will continue that tradition this year in December. The Hawaii Bicycling League has hosted a bike education and rodeo. In addition to the proposed project increasing our students' ability to walk and bike to school, the selected route along Goodale Avenue is our tsunami evacuation route for Waialua Elementary. Students conduct a mock evacuation once a year at the school and students walk from Waialua Elementary, along Goodale Avenue, to Waialua Intermediate and High School. Having a safe path would improve the evacuation procedures.

We at Waialua Elementary School look forward to continuing our partnership with the City and County of Honolulu and hope you are able to support our efforts by approving our project proposals. Thank you for your consideration.

Sincerely,

Scott Moore, Principal

# Appendix G: Cost Estimate

Item	Approx. Quantity	Unit	Unit Price	Total Cost
<b>DESIGN PHASE</b>				
Consultant Cost				n/a
Staff Non-Labor Cost				n/a
Staff Labor Cost				n/a
<b>TOTAL DESIGN COST</b>				n/a
<b>RIGHT-OF-WAY PHASE</b>				
Consultant Cost				n/a
Legal Cost				n/a
Acquisition Cost				n/a
Staff Non-Labor Cost				n/a
Staff Labor Cost				n/a
<b>TOTAL RIGHT-OF-WAY COST</b>				n/a
<b>CONSTRUCTION PHASE</b>				
Roadway Excavation	L.S.	L.S.	L.S.	\$ 14,360
Base Course	229	Cu Ft	60	\$ 13,740
Asphalt	315	Tons	400	\$ 126,000
Concrete Header	825	Lin Ft	125	\$ 103,125
Backfill along fence	L.S.	L.S.	L.S.	\$ 3,000
			<b>SUBTOTAL</b>	<b>\$ 260,225</b>
Striping	2060	Lin Ft	5	\$ 10,300
Sod Grass	L.S.	L.S.	L.S.	\$ 12,000
BMP	L.S.	L.S.	L.S.	\$ 5,000
Signs	F.A.	F.A.	F.A.	\$ 3,000
Traffic Control	20	Days	1200	\$ 24,000
			<b>SUBTOTAL</b>	<b>\$ 54,300</b>
Intersection Traffic Calming/Street Crossing Treatment	F.A.	F.A.	F.A.	\$ 70,000
Mobilization 10%	L.S.	L.S.	L.S.	\$ 38,000
<b>Construction Engineering</b>				
Consultant Cost (CM/CSS)				\$ 65,000
Consultant Cost (Post Design)				n/a
Staff Non-Labor				n/a
Staff Labor Cost				n/a
<b>TOTAL CONSTRUCTION COST</b>				<b>\$ 487,525</b>
<b>TOTAL PROJECT COST</b>				<b>\$ 487,525</b>