





Team Introductions





John Andoh, Mass Transit Agency Administrator and General Manager



- April Surprenant, Long Range Planning Manager
- Natasha Soriano, Transportation Planner



- Stacey Aldrich, State Librarian
- Kathryn Tipton, Branch Manager, Pāhoa Public School and Library
- Mallory Fujitani, Special Assistant, Office of the State Librarian



- Austen Drake, Project Manager
- Melissa May, Outreach Lead
- Jennifer Scheffel, Environmental Lead



This project is funded in part through the State Office of Planning and Sustainable Development (OPSD)



Meeting Objectives

- Introduce and share information about the Pāhoa
 Transit Hub and Library project.
- 2) Present findings of the site suitability analysis and gather input on the preferred sites.
- 3) Present and gather input on the potential layout and design features of the Transit hub and Library



Today's Agenda

- I. Welcome and Introductions
- II. Project Overview and Schedule
- III. Site Selection
 - Polling and Discussion
- IV. Basic Minimum Footprint and Design Features
 - Polling and Discussion
- V. Wrap-up and Next Steps



Ground Rules



- 1. Be Open: open your mind, ears and heart. Take home new ideas and information.
- 2. Be Comfortable: move around and use facilities as needed.
- 3. Be Respectful: please do not interrupt the person that is talking, show aloha, treat others how you would like to be treated.
- 4. Be Creative: work towards future solutions/aspirations.
- 5. Agree to Disagree: accept that others may have different perspectives and opinions.
- 6. Cellphones on Silent: please take calls/texts outside but be ready to use your smartphone for Mentimeter.



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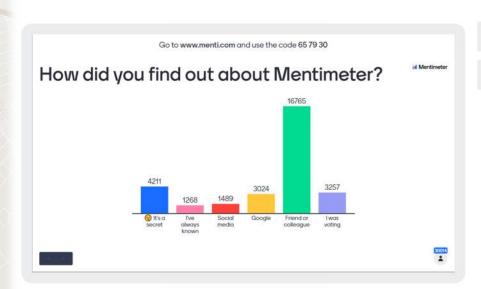
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- 1. Respond to questions that appear on your screen.
- You will be asked first for your name and e-mail, which will be confidential and serve as a "virtual sign-in sheet"

TEST POLL: What neighborhood are you from?



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OR







Puna Community Development Plan (CDP)

- The 2008 Puna CDP includes goals to improve transit service and ridership while complementing the development of village and town centers.
- Objectives included converting Hele-On routes and services to a "hub and spoke" system.
- Actions included preparation of a County-wide Transit Master Plan to guide improvements for the system and each district.
- Transit hubs were called for in the Puna district in Kea'au, Pāhoa, Volcano, and Mountain View or South Kulani.

PUNA COMMUNITY DEVELOPMENT PLAN

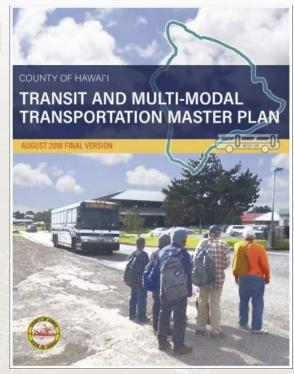


SEPTEMBER 2008 (As Amended)



Transit Hub Project Background

- The County completed its Transit and Multi-Modal Transportation Master Plan (Master Plan) in August 2018. It identified five goals, including: "Create transportation hubs and bus stops with amenities that provide rider comfort and safety and that help support community and village gathering places."
- It recommended a hub and spoke system for each district, which led to the proposal for a transit hub in Pāhoa for the Puna District.
- The project is now in the planning phase and is exploring possible civic and community uses, including a public library, day care, and other transit-oriented development (TOD) uses.



Scan here to ready the County's Transit and Multi-Modal Transportation Master Plan



http://heleonmasterplan.com/final-transitand-multi-modal-transportation-masterplan/



Hub and Spoke Transit: What is It?



- This is a way of routing transportation through a central location, or hub.
- Spokes are the routes going in and out of the hub.
- By meeting up at the hub, passengers on the shorter routes (using smaller vehicles can get off and transfer onto the longer routes (which use longer vehicles).
- This makes service more efficient than if the long routes had to stop everywhere.
- The concept has been in use among airlines since 2001.
- In the past ten to fifteen years, transit systems have been converting to hub and spoke.

Major Lines for Puna





Previous Efforts on Transit Hub Site Selection

2019



March • A community meeting was held where four possible locations2019 were proposed.

Two additional sites were added during second communitymeeting.

- A seventh location was added after research results were presented.
- In total 13 sites were ranked after the public outreach, two were removed from consideration.

present

Site suitability analysis of the remaining eleven sites was conducted, resulting in three preferred sites.



Library and Transit Hub Co-Location

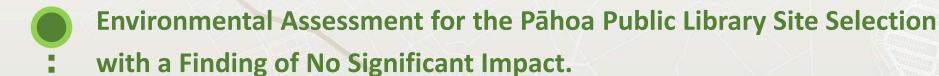


- MTA entered into discussions with the Hawai'i State Public Library
 System (HSPLS) regarding co-location of the transit hub with a new
 State library.
- HSPLS intends to construct a new library in the Pāhoa region and desires to support the County's Transit-Oriented Development (TOD) initiatives.
- Co-location of these key public services will enhance the ability of both facilities to serve the Pāhoa community and advance TOD principles.
- This project received \$100,000 from State TOD Capital Improvement Projects (CIP) Planning funds and \$350,000 from HSPLS CIP funds to support the planning study for the transit hub and co-located library.



Previous Efforts on Public Library Site Selection

2021



- The document identified six State-owned and County-owned sites in Pāhoa.
- The identified sites were not satisfactory for HSPLS to proceed with the design phase.

present

HSPLS has begun coordinating with State/County TOD efforts to explore the possible co-location of the library with the transit hub.



Overall Project Goals

- Support comfort and safety for transit riders in the Puna district
- Promote other multi-modal uses such as walking and biking
- Provide amenities and gathering spaces for the greater Pāhoa community, including a new public library



Project Tasks

Site Selection

Evaluate eleven potential sites for feasibility, suitability, and desirability and identify top three preferred sites



Conceptual Design

Develop conceptual design alternatives, infrastructure requirements, and preliminary cost estimates for the three preferred sites



Environmental Assessment

Assess environmental, biological, cultural, historic, traffic, and other impacts of three alternatives in accordance with HRS Chapter 343 and other applicable requirements

Community Engagement Program

Seek input from the Puna community, transit riders, elected officials, government agencies, and other stakeholders throughout the project



Outreach Conducted to Date

- Elected Officials Outreach
- Community Associations Outreach
- Puna CDP Action Committee Presentation
 - 2/27 Meeting
- Pop-up Events:
 - Maku'u Farmers Market 2/26
 - Pāhoa Public Library ongoing
- Promotions:
 - Website
 - Social media
 - Radio
 - Flyers buses, businesses, library

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Poll:

- 1) How did you hear about today's meeting?
- 2) Do you have other suggestions for getting the word out to the Puna community?



The County of Hawai'i Planning Department, Mass Transit Agency, and Hawai'i State Public Library System are initiating the planning phase of a transit hub and co-located library in the Pāhoa region.

We invite you to join the discussion and provide feedback on the preferred sites and potential transit hub and library features

SCAN HERE TO VISIT THE PROJECT WEBSITE



http://pahoatransithub.info

COME TO OUR UPCOMING EVENTS & MEETINGS!

POP-UP EVENT

February 26, 2023 7:00 AM-12:00 PM

Maku'u Farmers Market, 15-2131 Kea'au-Pāhoa Rd. Pāhoa, Hawai'i 96778 MEETING #1 March 1, 2023

6:00 PM-8:00 PM

Pāhoa Neighborhood Facility, 15-0322 Kauhale Street, Pāhoa, HI 96778

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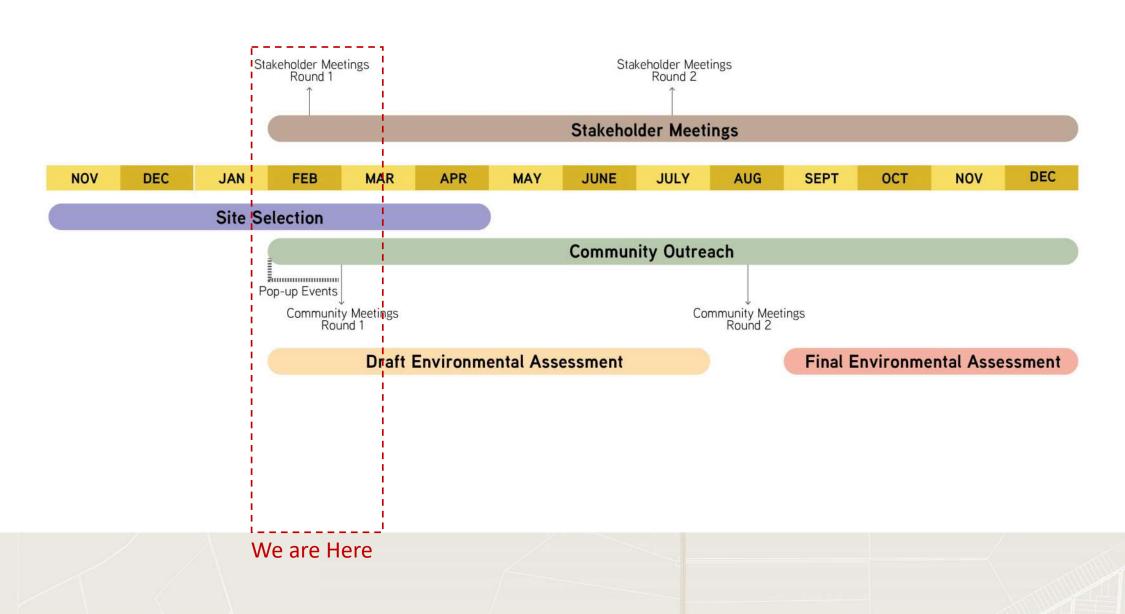
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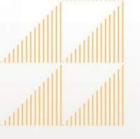




Anticipated Project Schedule

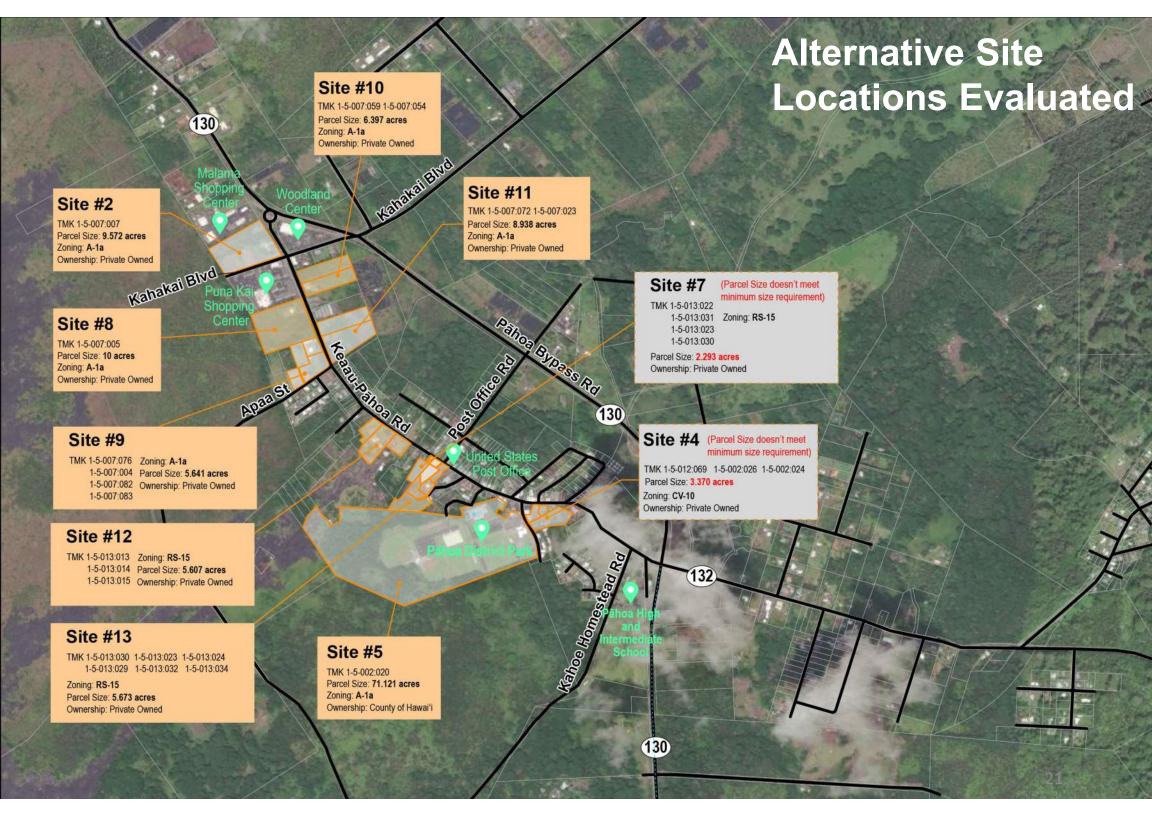




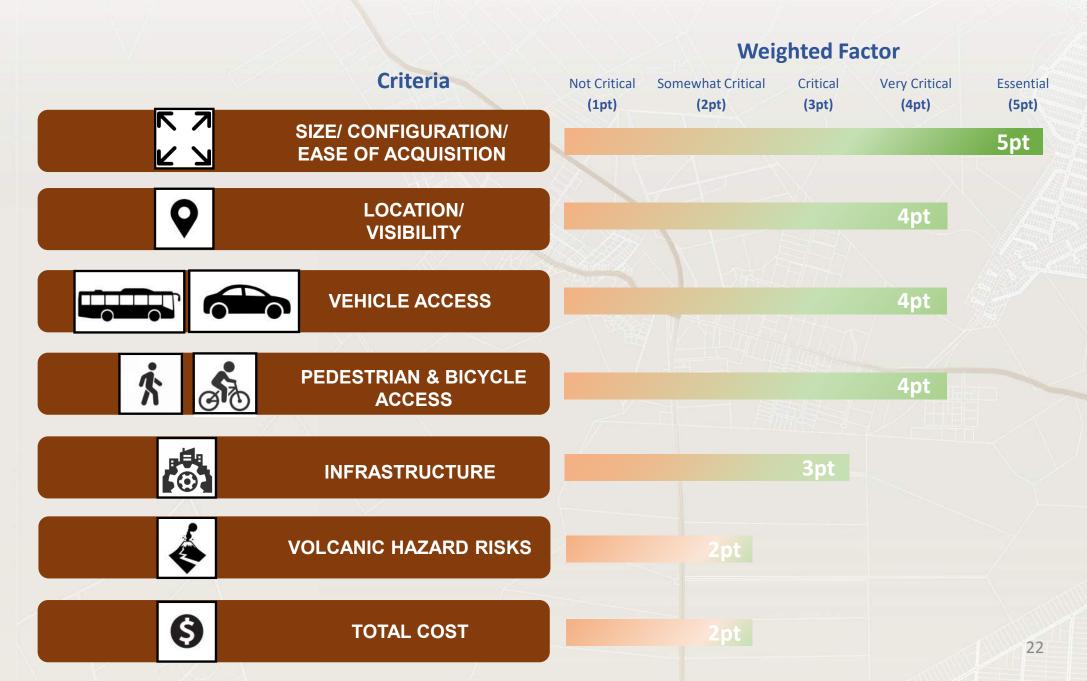


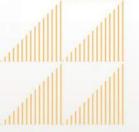
What We Heard: Site Selection

- The hub should help enhance Pāhoa Town. It is not critical that the location be IN town, so long as all the spokes/routes go through town.
- The town lacks parking, and there are no lands available, which is an
 economic impediment. So if the hub goes further west, then all circulator
 routes go through town to help drum up business and connect the old
 and new retail areas which are a mile apart.
- There could be some compatibility if there is a shuttle between the hub/Puna Kai and Pāhoa town.



Site Suitability Criteria





Scoring System

	Score													
Outlanta	Poor	Fair	Good	Great	Excellent									
Criteria	(1pt)	(2pt)	(3pt)	(4pt)	(5pt)									
1. Size/Configuration/ Ease of Acquisition	Total area less than basic minimum footprint (4 acres)	Total area meets basic minimum footprint (4 acres)	Total area meets basic minimum footprint and expansion (5 acres)	Total area exceeds basic minimum footprint and expansion (5 acres)	Size and shape is good, and it is a single parcel for ease of acquisition (5 acres)									
2. Location/visibility	Limited street frontage and visibility; not close to points of interest	Some street frontage/ visibility or reasonable proximity to points of interest	Either street frontage/visibility or proximity is good	Both street frontage/ visibility and proximity to points of interest is good										
3. Vehicle Access	No frontage access or buses will have challenges with maneuvering	Existing Access (would share access with other users of site); buses may have challenges	Space for single driveway (short frontage); Buses can be accomodated	Significant potential for diveways (good frontage) and bus accomodation	Significant potential for diveways (good frontage) and bus accomodation; existing roads allow space for turning movements and limited vehicle conflicts									
4. Pedestrian & Bicycle Access	No existing access; no shoulder; need to create pedestrian path fronting potential site	Minimal existing access; pedestrian access would need to be improved for safety	Existing access available; pedestrian access would need to be improved for safety and connectivity	Existing access available										
5. Infrastructure		Infrastructure available on property; adequate supply not available to potential site (siginificant extension of utilities needed)	Infrastructure and adequate supply available up to site											
6. Volcanic Hazard Risk	Sites in close proximity to previous eruption and/or line of steepest decent	All sites are the same; Lava Zone 2												
7. Total Cost	Significant costs to develop, and/or property value higher than other sites	No apparent high cost factors that stand out as compared to the other sites			33									



Final Scores

			e #2 Area ! acres)	Total	#8 (Area acres)	Site #9 Total Area (5.641 acres)		Tota	# 11 al Area 8 acres)	Tota	44 Area acres)	Total	#10 Area acres)	Tota	e #5 I Area I acres)	Tota	#12 I Area 7 acres)	Tota	#13 Area acres)	Site #7 Total Area (2.293 acres)	
Criteria	Weighted Factor	Score	Score * Weighted Factor	Score	Score * Weighted Factor	Score	Score * Weighted Factor	Score	Score * Weighted Factor	Score	Score * Weighted Factor	Score	Score * Weighted Factor	Score	Score * Weighted Factor	Score	Score * Weighted Factor	Score	Score * Weighted Factor	Score	Score * Weighted Factor
Size/Configuration/ Ease of Acquisition	5	5	25	4	20	3	15	4	20	1	5	3	15	4	20	2	10	2	10	1	5
Location/visibility	4	4	16	4	16	3	12	2	8	3	12	4	16	1	4	2	8	2	8	2	8
Vehicle Access	4	4	16	5	20	5	20	4	16	3	12	3	12	2	8	4	16	2	8	2	8
Pedestrian & Bicycle Access	4	3	12	2	8	2	8	1	4	4	16	1	4	2	8	1	4	1	4	1	4
Infrastructure	3	3	9	3	9	3	9	3	9	3	9	3	9	2	6	3	9	3	9	3	9
Volcanic Hazard Risk	2	2	4	2	4	2	4	2	4	2	4	2	4	2	4	1	2	2	4	2	4
Total Cost	2	2	4	2	4	1	2	2	4	2	4	1	2	1	2	1	2	1	2	2	4
Total Score			86		81		70		65		62		62		52		51		45		42

Community input is currently being sought on top three sites.

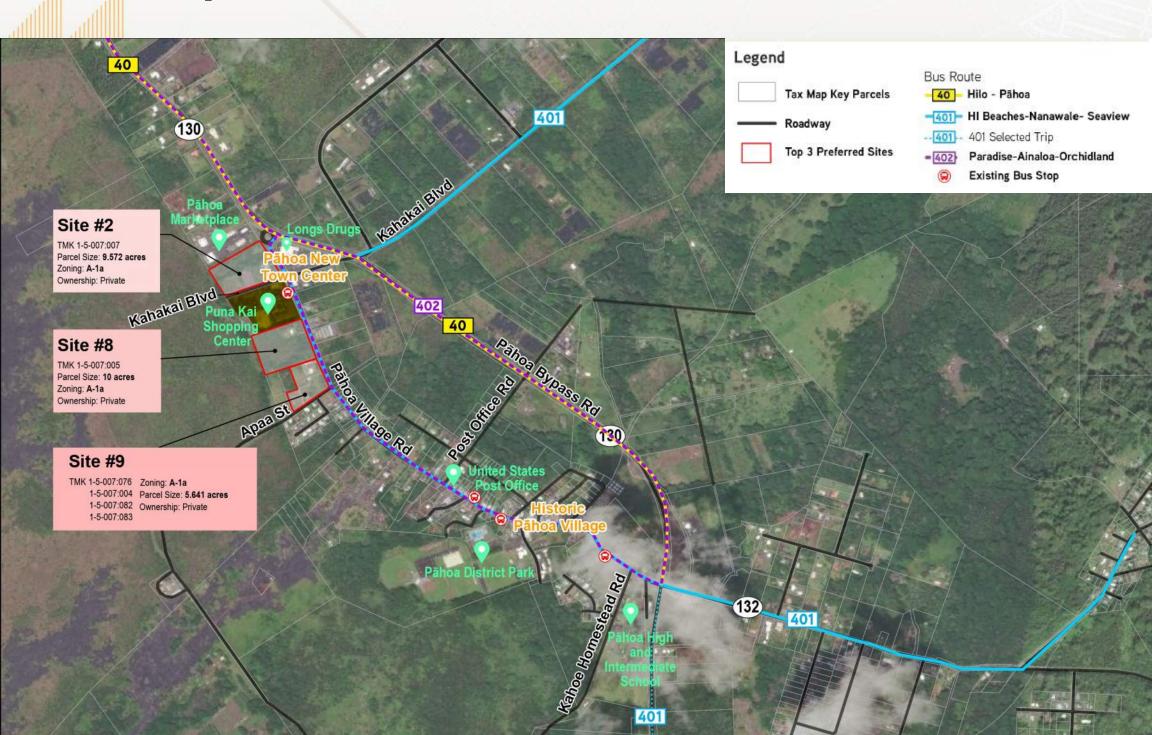


Ranking Matrix

							_				CRITERIA													
SITE NUMBER	SITE NAME	SIZE/ CONFIGURATION/EAS E OF ACQUISITION (Weighted Factor = 5)	Score	Score * Weighted Factor	LOCATION/VISIBILITY (Weighted Factor = 4)	Score	Score * Weighted Factor	INFRASTRUCTURE (Weighted Factor = 3)	Score	Score * Weighted Factor	VEHICLE ACCESS (Weighted Factor = 4)	Score	Score * Weighted Factor	PEDESTRIAN & BICYCLE ACCESS (Weighted Factor = 4)	Score	Score * Weighted Factor	VOLCANIC HAZARD RISKS (Weighted Factor = 2)	Score	Score * Weighted Factor	TOTAL COST (Weighted Factor = 2)	Score	Score * Weighted Factor	SCORE	RANK
2	Between Malama Market & PKSC	Large parcel Good shape Single parcel with cooperative owner	5	25	Close proximity to commercial points of interest Very Good street frontage	4	16	No existing adequate infrastructure on property Good infrastructure potential due to proximity to main road	3	9	Corner site Access on Pahoa Village Road and Kahakai Boulevard	4	16	Wide asphalt shoulder but no raised sidewalk	3	12	• USGS Volcano Lava Flow Hazard Zone 2	2	4	Low land costs Site partially cleared	2	4	86	1
8	Abraham	Large parcel Good shape Single parcel	5	25	Close proximity to commerical points of interest Good street frontage	4	16	No existing adequate infrastructure on property Good infrastructure potential due to proximity to main road	3	9	Large street frontage for multiple vehicle access	4	16	Poor pedestrian connectivity; narrow asphalt shoulder	1	4	• USGS Volcano Lava Flow Hazard Zone 2	2	4	Low land costs Site will need to be cleared	2	4	78	2
9	Apaa Road	Good parcel size No room for expansion since parcel size just meets basic minimum footprint Requires acquisition of multiple parcels	3	15	Somewhat close proximity to commerical points of interest Good street frontage	3	12	No existing adequate infrastructure on property Good infrastructure potential due to proximity to main road	3	9	Corner site Access on Pahoa Village Road and Apaa Street	4	16	Wide asphalt shoulder but no raised sidewalk	3	12	• USGS Volcano Lava Flow Hazard Zone 2	2	4	Potential increase in acquisition costs due to existing structures on-site Site mostly cleared	1	2	70	3
11	Julian & Good Shepherd Foundation	Large combined parcel size Good shape Requires acquisition of multiple parcels	4	20	Somewhat close proximity to commercial points of interest Somewhat good street frontage	3	12	No existing adequate infrastructure on property Good infrastructure potential due to proximity to main road	3	9	Large street frontage for multiple vehicle access	4	16	Poor pedestrian connectivity; narrow asphalt shoulder	1	4	USGS Volcano Lava Flow Hazard Zone 2	2	4	Low land costs Site will need to be cleared	2	4	69	4
* 4	Akebono Theatre	Total area less than basic minimum footprint Parcels have odd configuration; might offer less than ideal flow/circulation Requires acquisition of multiple parcels	1	5	Close proximity to Pahoa Town points of interest Good street frontage	3	12	No existing adequate infrastructure on property Good infrastructure potential due to proximity to main road	3	9	Corner site Access on Pahoa Village Road and Kauhale Street	4	16	Good pedestrian connectivity; existing sidewalks	4	16	• USGS Volcano Lava Flow Hazard Zone 2	2	4	Significant land costs due to previous development Existing infrastructure might be adequate Site already cleared	2	4	66	5

(*Parcel Size doesn't meet minimum size requirements)

Top Three Preferred Sites



Rank: 1

Parcel Size: 9.572 acres

Ownership: Private





Potential Layout

Pros:

- 1) Large parcel with good shape;
- 2) Location provides a gateway opportunity for Pāhoa;
- 3) Bus access can be placed away from high pedestrian traffic areas;
- 4) Adjacent to the more pedestrian-oriented side of Puna Kai Shopping Center;
- 5) Opportunities to enhance walkability, connectivity and pedestrian safety along Kahakai Blvd and Pāhoa Village Rd frontages;
- 6) Opportunities to create pedestrian friendly environment from Puna Kai Shopping Center to the site.

Cons:

- 1) No existing raised sidewalks;
- 2) Existing traffic signal could be point of congestion for bus access



Rank: 2

Parcel Size: 10 acres Ownership: Private





Potential Layout

Pros:

- 1) Large parcel with good shape;
- 2) Slightly separated from congested Puna Kai Shopping Center area, which might be easier for bus access;
- 3) Good street frontage;
- 4) A single parcel with relatively low land cost.

Cons:

- 1) No existing raise sidewalk and limited asphalt shoulder space outside of property frontage;
- 2) Site will need to be cleared;
- 3) Adjacent to fewer pedestrian-oriented uses.

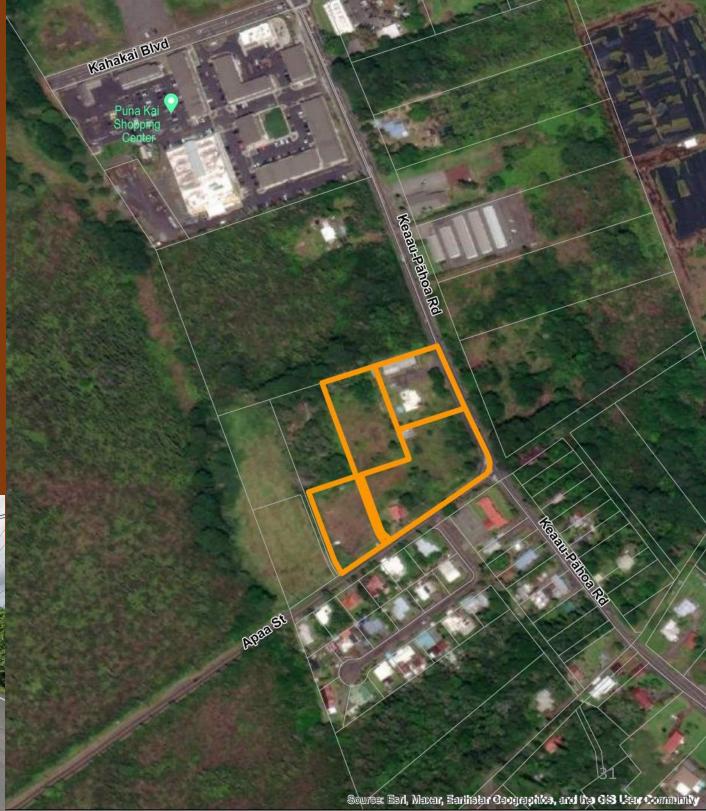


Rank: 3

Parcel Size: 5.641 acres

Ownership: Private





Potential Layout

Pros:

- 1) Adequate parcel size;
- 2) Located at corner of Kea'au-Pāhoa Rd and Apaa St, close to commercial areas and separate from the congested Puna Kai Shopping Center area;
- 3) Good street frontage.

Cons:

- 1) Parcel size just meets basic minimum footprint with no room for potential expansion;
- 2) No existing raised sidewalk;
- 3) Adjacent to single-family development which is less pedestrian-oriented;
- 4) Potential increase in acquisition costs due to existing structures.



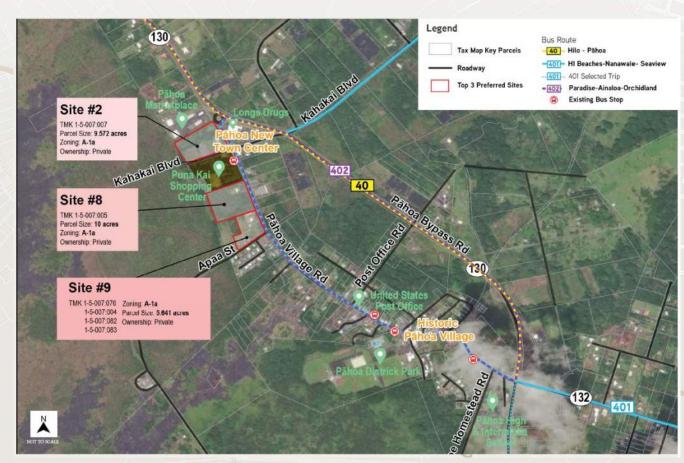
Discussion & Poll

- Poll: Of the top three sites, which do you prefer?
 - ☐ Site #2
 - ☐ Site #8
 - ☐ Site #9
- Discussion: What are your thoughts on the top three sites identified?

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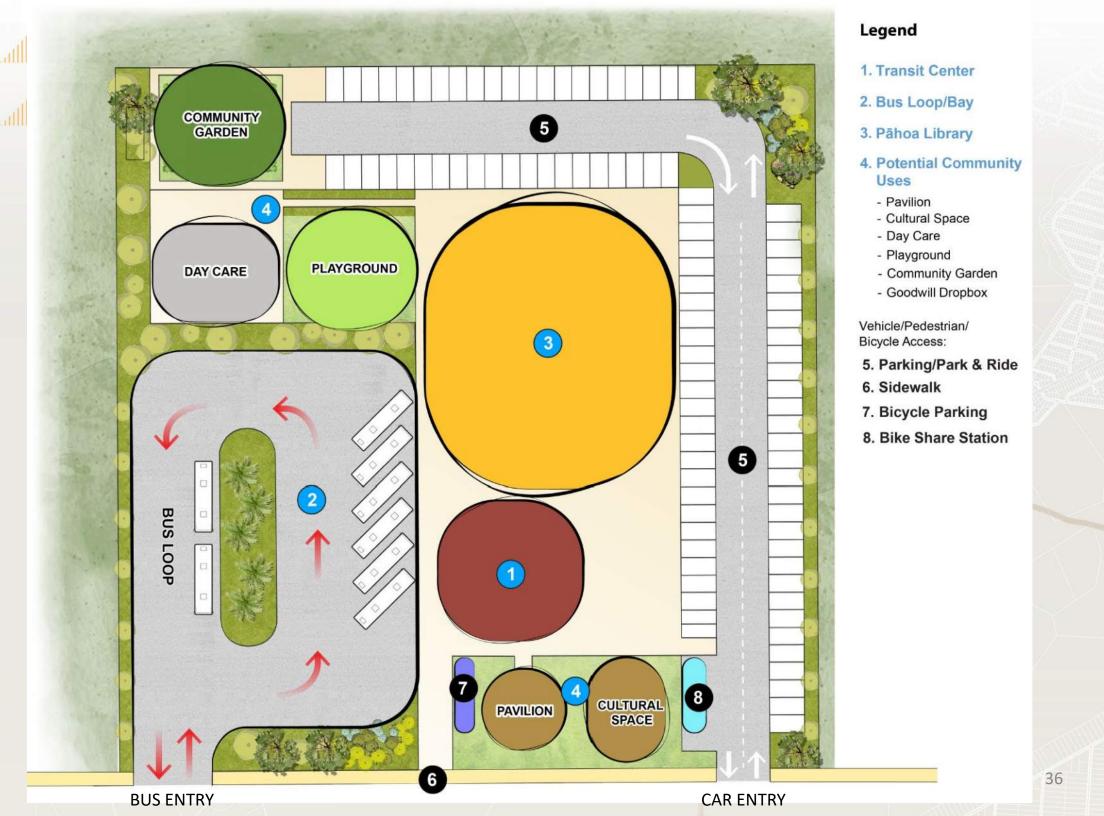






What We Heard: Transit Hub Design Features

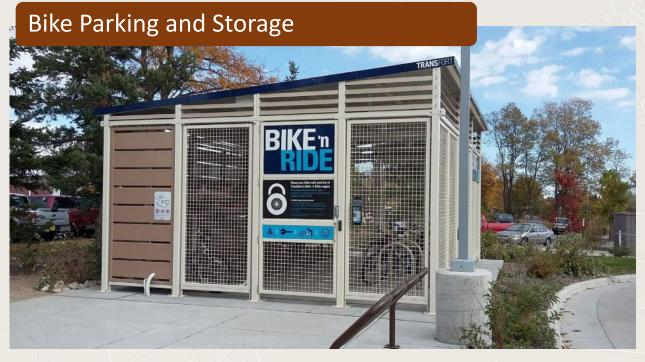
- The size and appearance of the hub should reflect Pāhoa.
- Make sure the hub and associated parking area is ADA compliant, giving priority to the safety of pedestrians and children who may be in the parking lot. Consider the goals of Vision Zero and the needs of the disabled.
- Lighting and security are important. Have a locked gate after hours.
- Soften the area with landscaping, using native plants.
- Incorporate energy efficiency and renewable energy (solar, etc.)
- Use durable building materials for disaster preparedness and the wet climate.
- Consider environmental conditions (rain, wind) in choosing the orientation of the shelters.
- Like the "stool" design for seating, avoids people sleeping on the benches.



Possible Transit Hub Amenities









Poll & Discussion: Transit Hub Features

Poll: Which of the following features or services would motivate you to use the transit hub? Select your top 3.

- ☐ Pavilion & gathering place
- ☐ Library
- Daycare
- □ Playground
- ☐ Community Garden
- ☐ Cultural Space
- ☐ Bike parking & secure storage
- ☐ Bike share
- ☐ Goodwill dropoff box

Poll & Discussion: What other features would you like to see in the future transit hub?

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Possible Library Features

Expanded Physical Collection



Reading Areas



Program Spaces







Meeting Rooms





Poll & Discussion: Library Features

Poll: Which of the following features or services would motivate you to use the public library? Select all that apply.

- Expanded physical collection
- ☐ Technology, digital resources and high-speed Wi-Fi
- ☐ Community meeting spaces
- ☐ Library program spaces
- ☐ Reading areas
- ☐ Information and self-checkout areas

Poll & Discussion: What other features would you like to see in the future library?

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Visit menti.com on your smartphone or web browser.

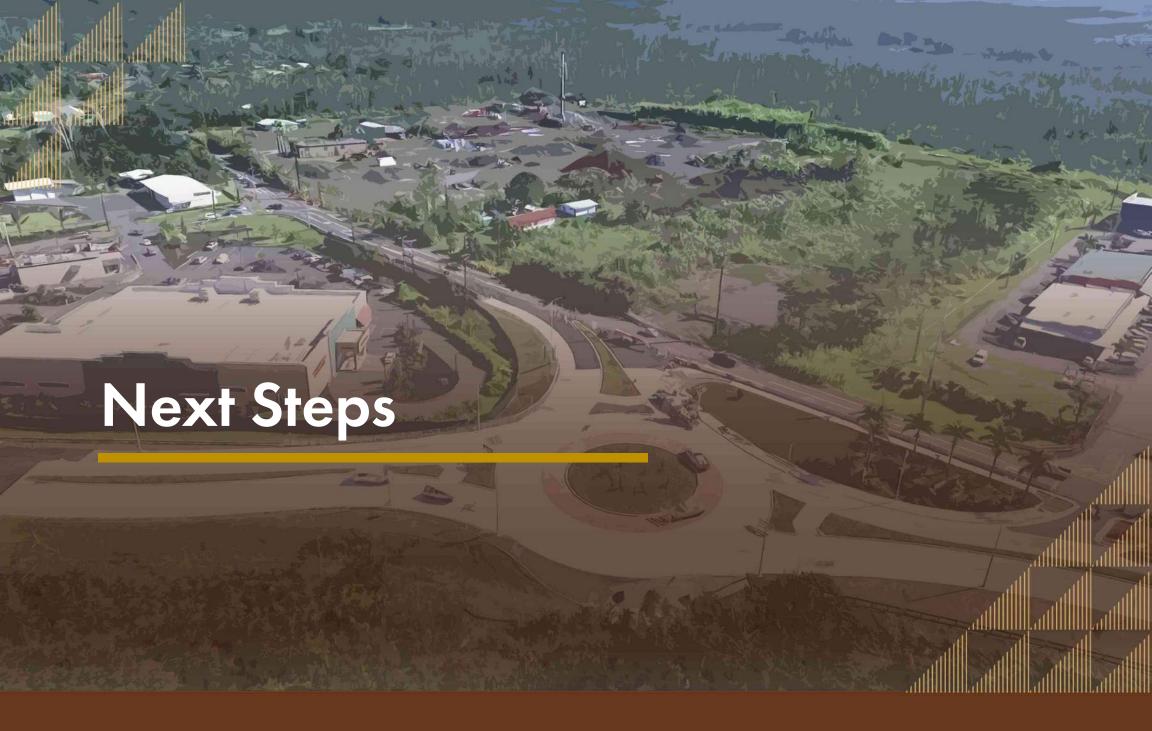
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 What other questions or mana'o do you have for the project team?





Ways to Stay Involved and Provide Input



SCAN HERE WITH YOUR SMARTPHONE CAMERA



- Visit the project website to learn more, participate in the virtual open house, and sign up for e-mail updates
 - Visit the pop-up display at the Pāhoa Public Library
- Attend a future pop-up event or community meeting (to be announced on the project website in summer 2023)

