

July 18, 2017
Wailuku, Hawaii

MAUI TRD WORKSHOP SUMMARY

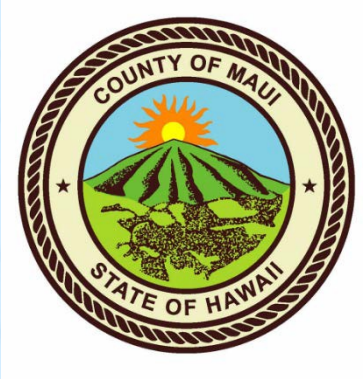
MAUI TRD WORKSHOP PARTICIPANTS

State/TOD Council Work Group

- ✖ Craig Hirai, Exec. Director, HHFDC
- ✖ Glenn Yee, Catholic Charities
- ✖ Harrison Rue, C&C DPP
- ✖ Ken Masden, DOE
- ✖ Bennett Mark, Hawaii Planning
- ✖ Robert Miyasaki, DOT-STP
- ✖ Heidi Hansen-Smith, DOH
- ✖ Chris Kinimaka, DAGS
- ✖ Robin Shishido, DOT-HWY Maui
- ✖ Irwin Pigao, DOT-HWY Maui
- ✖ David Tamanaha, Maui Community College
- ✖ Julie Cachola, DHHL
- ✖ Katie Mineo, DHS
- ✖ Rodney Funakoshi, OP
- ✖ Ruby Edwards, OP
- ✖ Nancy Pisicchio, Hawaii County Mayor's Office

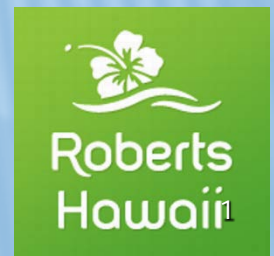
County of Maui

- Alan Arakawa, Mayor, County of Maui
- Will Spence, Director, Planning
- Michele McClean, Planning
- Pam Eaton, Planning
- Kathleen Aoki, Planning
- Garrett Smith, Planning
- Carol Reimann, Housing & Human Concerns
- Rowena DagDag Andaya, Public Works
- Marc Takamori, Transportation
- Teena Rasmussen, Economic Development
- Lauren Armstrong, Maui MPO
- Jen Mayden, Healthy Eating Active Living



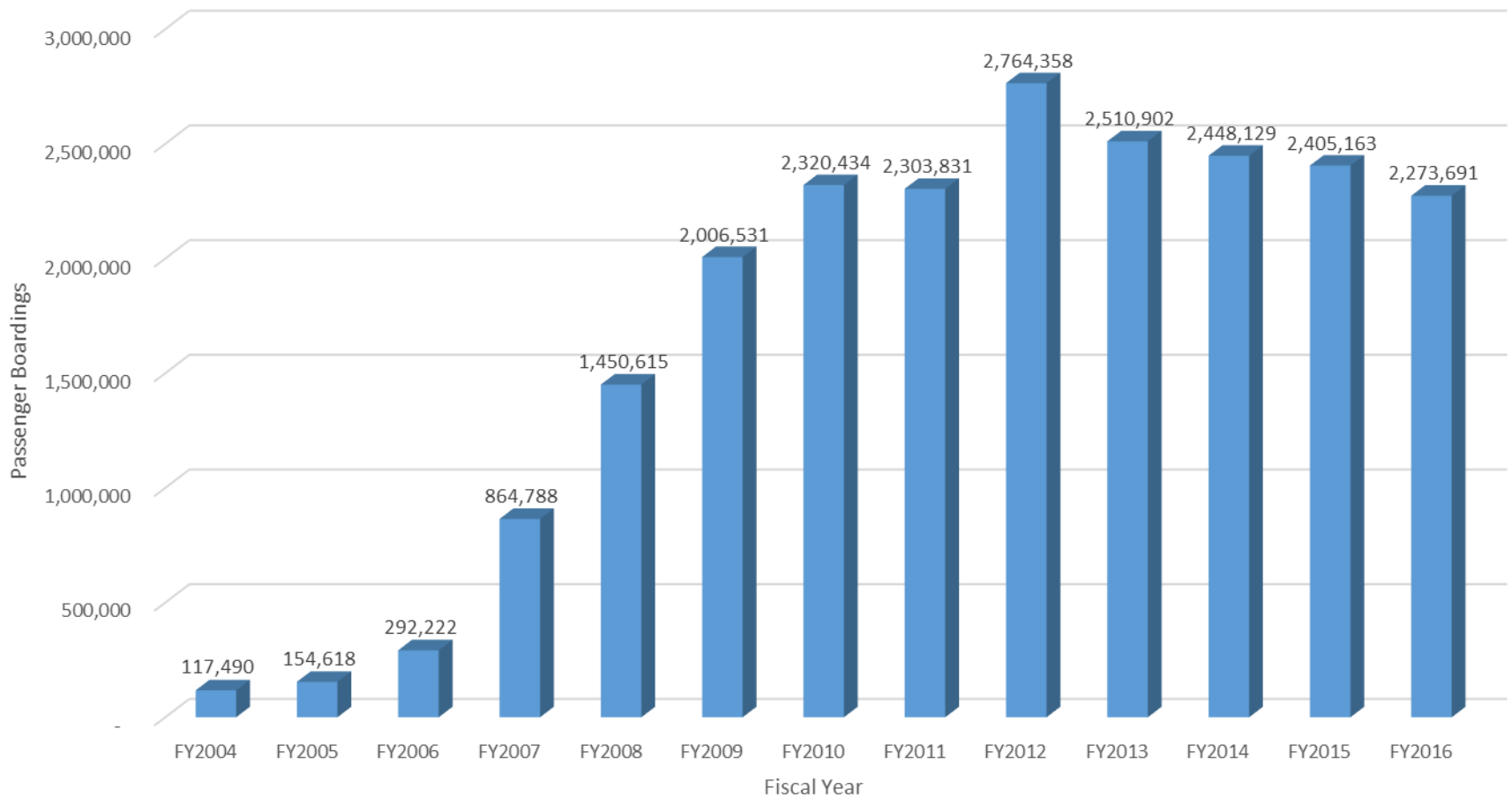
Department of Transportation

County of Maui | July 18, 2017

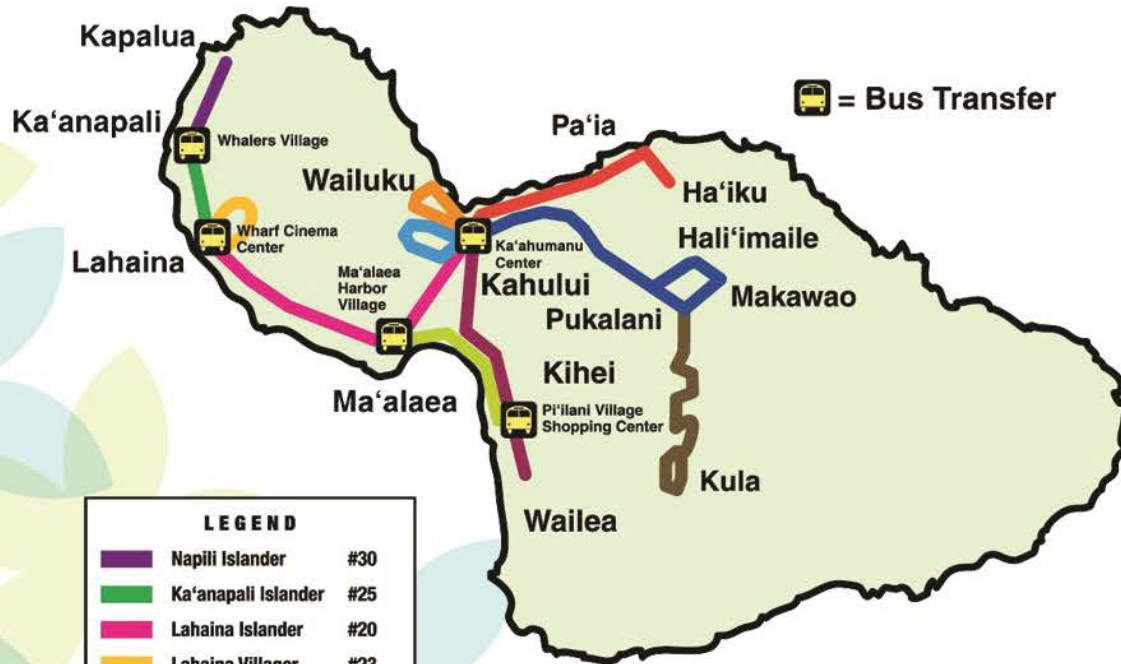


RIDERSHIP: OVERALL COUNTS

Maui Bus - Passenger Boardings
FY04 - FY16



MAUI BUS: FIXED ROUTES



Services are
contracted out to:



(808) 871-4838

MAUI BUS: FIXED ROUTES



Track this bus live!

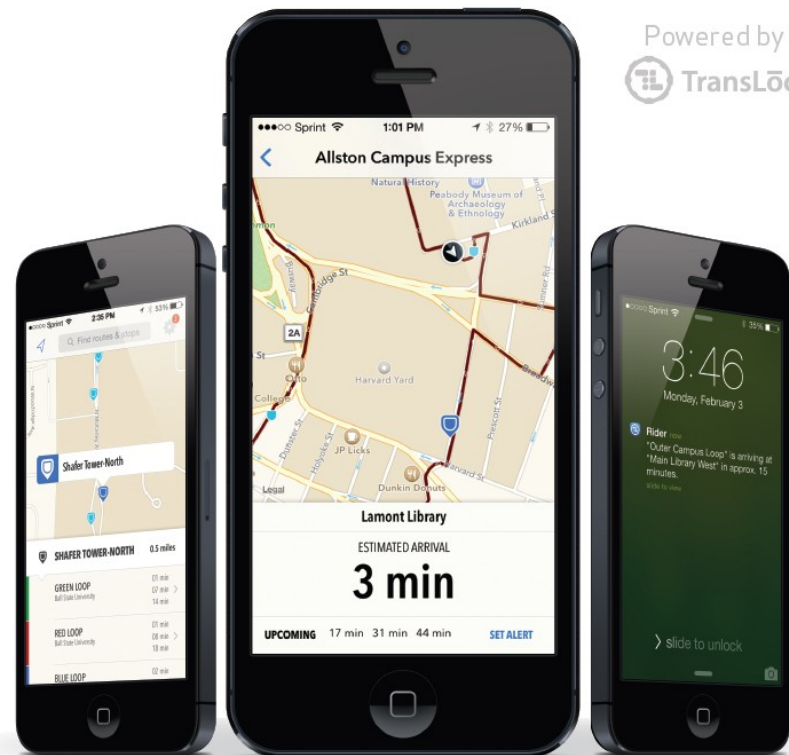
Get the real-time location and arrival times of your bus on your smartphone or desktop. Visit: maibus.transloc.com



Get the free app: TransLōc Rider

Scan the QR code with your smartphone, or visit maibus.transloc.com

Powered by
 TransLōc



iPhone



Android



Mobile

VEHICLE TYPES: FIXED ROUTE



ENC 40' AXESS

41 Passenger
2 Wheelchair



ENC 35' EZ-RIDER

37 Passenger
4 Wheelchair



ENC 35' AXESS

32 Passenger
2 Wheelchair

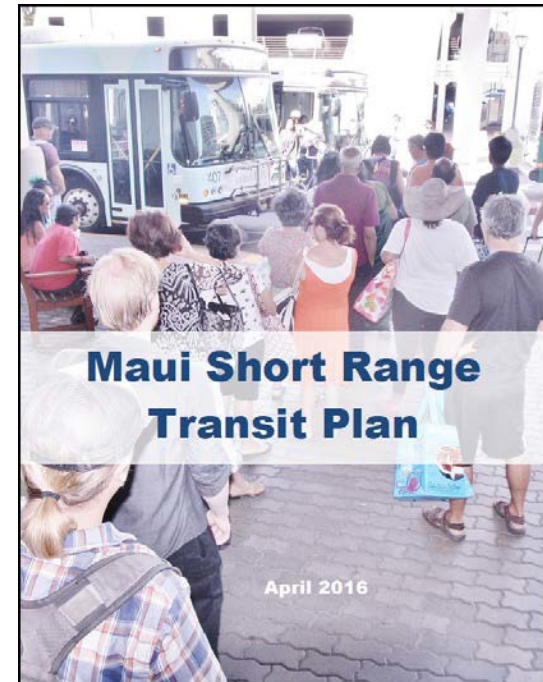


ENC AeroElite

25 Passenger
2 Wheelchair

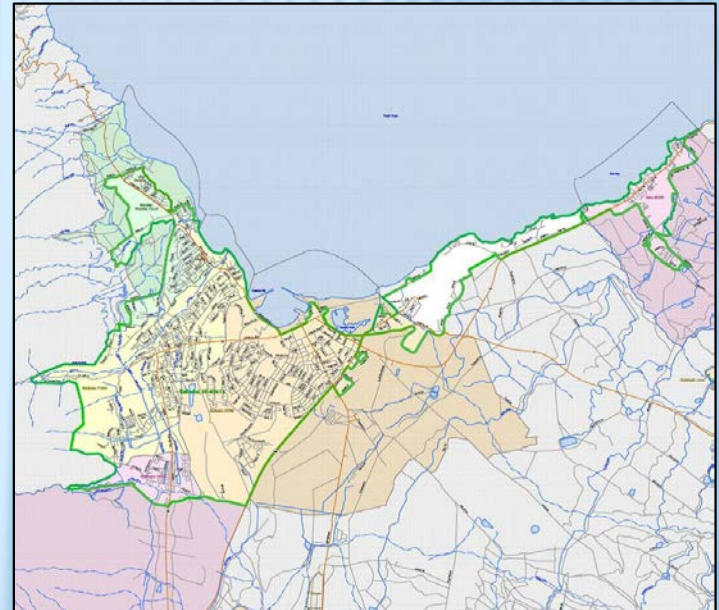
SHORT RANGE TRANSIT PLAN UPDATE

- ▶ Help guide MDOT over the next five years.
- ▶ Consultants:
 - SSFM International
 - ▶ Weslin Consulting Services
- ▶ Five Tasks:
 - Service Improvement Program
 - Capital Improvement Program
 - Communications Program
 - Financial Plan
 - Project Report
- ▶ Community Meetings



METROPOLITAN PLANNING ORGANIZATION (MPO)

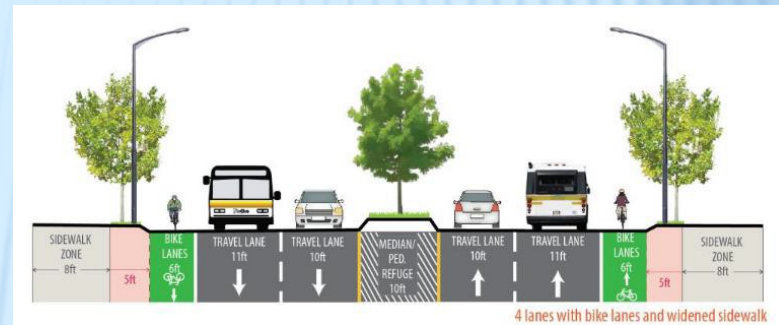
- Transportation planning for federally-funded projects
- Maui MPO ~\$500,000 annual budget
 - 80% Federal (FHWA and FTA)
 - 10% State DOT
 - 10% County DOT
- Continuous, Cooperative, Comprehensive (3-C) regional planning



2010 Census – Urbanized Area of Kahului, Wailuku and Paia

MANAGE DEMAND AND IMPROVE PUBLIC HEALTH

- Smart growth and infill
- Complete Streets
- Increase bus ridership
- Employer-sponsored commutes
- Safe Routes to School
- Greenways and trails
- Implementation!



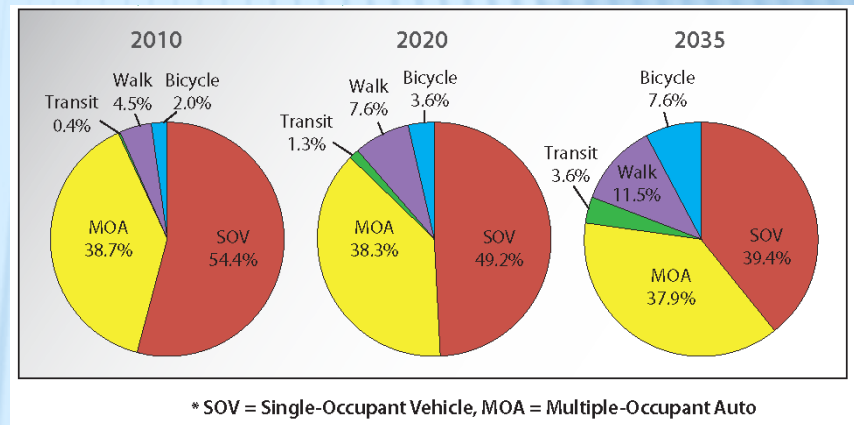
Source: SSFM,
2016 *Honolulu
Complete Streets
Design Manual*



Roundabout in Kihei
Source: *PBR Hawaii*

MODE SHIFT TARGETS

- Proposed State SB654
- Less than 50% of trips by automobile by 2040
- Healthy Eating, Active Living coalition (formerly NPAC)
- Future *Maui Multimodal Transportation Plan*



BUT WE STILL MAY NEED SOME NEW ROADS...

For example:

- Wai'ale Road extension
- Kihei North-South Collector Road
- Honoapi'ilani Highway realignment
- Pa'ia Relief Route
- Others to be identified through MPO planning process
- Technical analysis, phasing and funding



Hana Highway traffic near Pa'ia



Honoapi'ilani Hwy near Olowalu

**ESTIMATED COST \$3.7
BILLION
TO 2035**



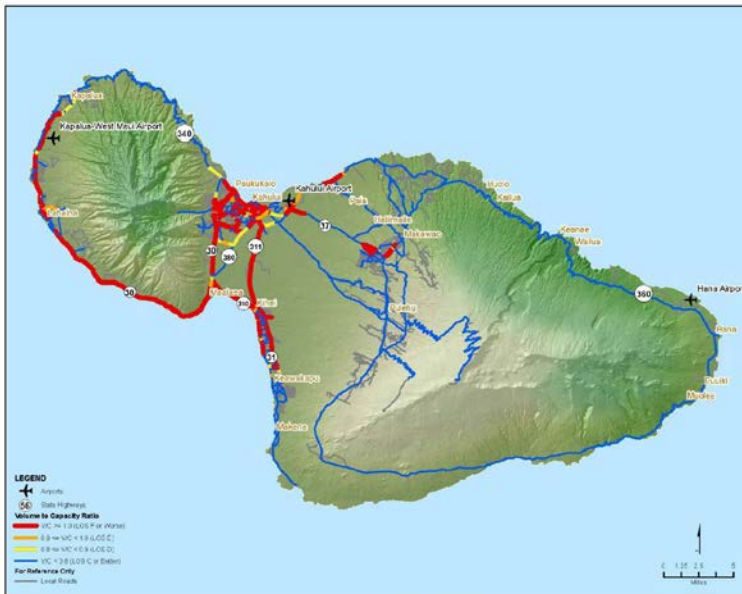
**Estimated future funding
\$1.6 billion**

Exhibit 4-4. Potential Long-Range Capacity Solutions

Route Number	Jurisdiction	Project Title	Project Description	Estimated Cost FY 2011 (\$)
30	State	Honoapiilani Highway - Maalaea to Launiupoko	Additional 2 travel lanes	\$650,000,000
30	State	Honoapiilani Highway - Wailuku to Maalaea	Additional 2 travel lanes	\$121,430,000
31	State/ (developer)	Piilani Highway - Kilohana to Wailea	Additional 2 travel lanes	\$32,656,000
32	State	Kaahumanu Avenue	Additional 2 travel lanes with bike lanes, sidewalks, and intersection improvements	\$65,624,000
37	State	Kula Highway - Kula Junction to Pulehu Road	Additional 2 travel lanes	\$104,498,000
37	State	Haleakala Highway - Old Haleakala Highway to Kula Highway/Highway 377	Additional one travel lanes	\$25,115,000
311	State	Mokulele Highway - Kuihelani Highway to Piilani Highway	Additional 2 travel lane	\$173,001,000
3000	State	Honoapiilani Highway (Lahaina Bypass) Phase 1B2 - Hokiokio Place to southern terminus	Construct a new 2-lane bypass roadway between Hokiokio Place and southern terminus on Honoapiilani Highway	\$49,000,000
3000	State	Honoapiilani Highway (Lahaina Bypass) Phase 1D - Kaanapali Connector to northern terminus	Construct a new 2-lane bypass roadway between Kaanapali Connector and northern terminus on Honoapiilani Highway	\$131,000,000
3000	State	Honoapiilani Highway (Lahaina Bypass) Phase 1C - Keawe Street Extension to Kaanapali Connector	Construct a new 2-lane bypass roadway between and Keawe Street and Kaanapali Connector	\$40,000,000
3100	County	South Kihei Road from Longs Drugs (Pikea Avenue) to Lipoa Street	Additional 2 travel lanes with continuous center turn lane	\$29,111,000
3115	County	North-South Collector Road - Uwapo Road to Wailea-Iki Drive	Complete the 2-lane collector roadway (parallel to Piilani Highway) from Uwapo Road to Wailea-Iki Drive	\$51,144,000
3180	County	Waiale Drive - Kaahumanu Avenue to Honoapiilani Highway	Additional 2 travel lanes between Kaahumanu Avenue and Kuikahi Drive, extend from current terminus as 2-lane bypass road around Waikapu Village	\$62,859,000
3800	State/ Airports	Kahului Airport Access Road - Hana Highway to Kahului Airport	Construct Phase 2 of the new airport access road	\$55,000,000
n/a	State	Kihei to Upcountry connector - Piilani Highway to Haleakala Highway	Construct a new 2-lane collector roadway between Piilani Highway at Kaonolu Street to Haleakala Highway at Haliimaile Road	\$136,500,000
n/a	County	Maui Lani Parkway Extension - Kuihelani Highway to Mokulele Highway	Construct a 2-lane extension of Maui Lani Parkway to bypass Puunene Avenue and connect to Mokulele Highway	\$24,046,000
n/a	County	Maui Lani Parkway Extension - Puumele Street to Kuikahi Drive	Construct a new 2-lane extension roadway from Puumele Street to Kuikahi Drive	\$19,237,000
n/a	County	Mill Street Extension - Lahainaluna Road to Aholo Road	Construct new 2-lane roadway from Lahainaluna Road to Aholo Road	\$19,237,000
n/a (Future 3960)	County	Onehee Avenue - existing terminus to proposed Maui Lani Parkway Extension	Construct new 2-lane divided roadway extension with sidewalks to proposed Maui Lani Parkway Extension	\$4,811,000
n/a	State	Paia Relief Route	Improve Hana Highway or construct a new 2-lane bypass roadway around Paia	\$90,000,000

HOW WILL MAUI MPO PRIORITIZE PROJECTS?

Exhibit 3-6. 2035 Volume-to-Capacity Ratio (No Build)
Source: CH2M HILL (2012a)



- Consistency with existing plans
 - 2030 Maui General Plan
 - 2035 Federal-Aid Highways Plan
 - Maui Bus Short Range Transit Plan
 - Bicycle and Pedestrian Plans
- Public involvement
- Financial and technical analysis
- Data-driven planning

THIS IS THE GENERAL PLAN

Countywide Policy Plan

2010

Maui Island Plan
2012

COMMUNITY PLANS

Moloka`i
2017 drafted

Lāna`i
2016

Kaho`olawe
1995

COMMUNITY PLANS

West Maui
1996

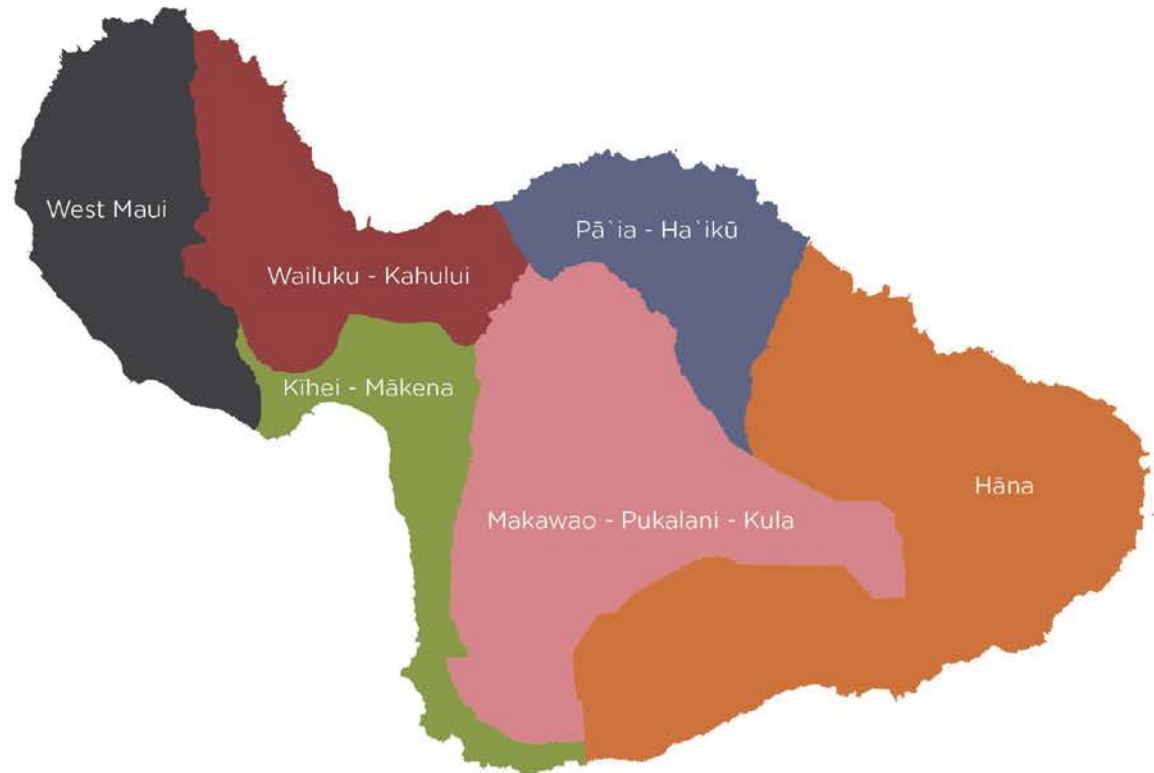
Kīhei - Mākena
1998

Wailuku - Kahului
2002

Makawao - Pukalani - Kula
1996

Pā`ia - Ha`ikū
1995

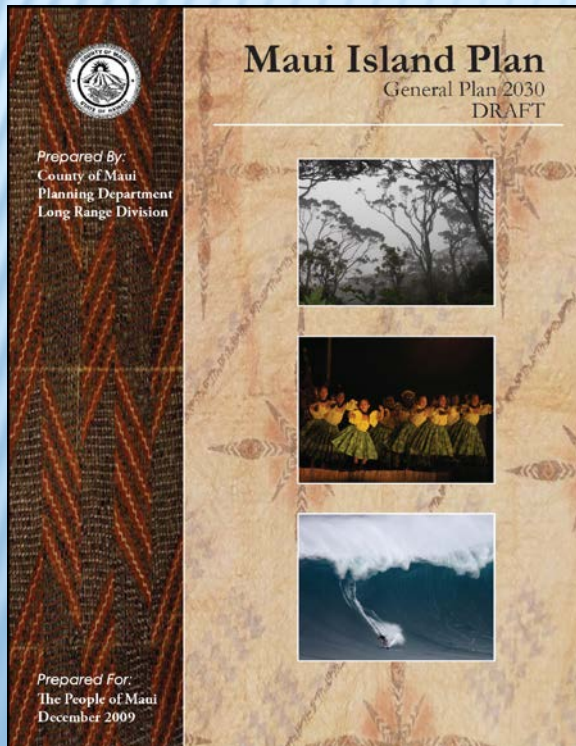
Hāna
1994



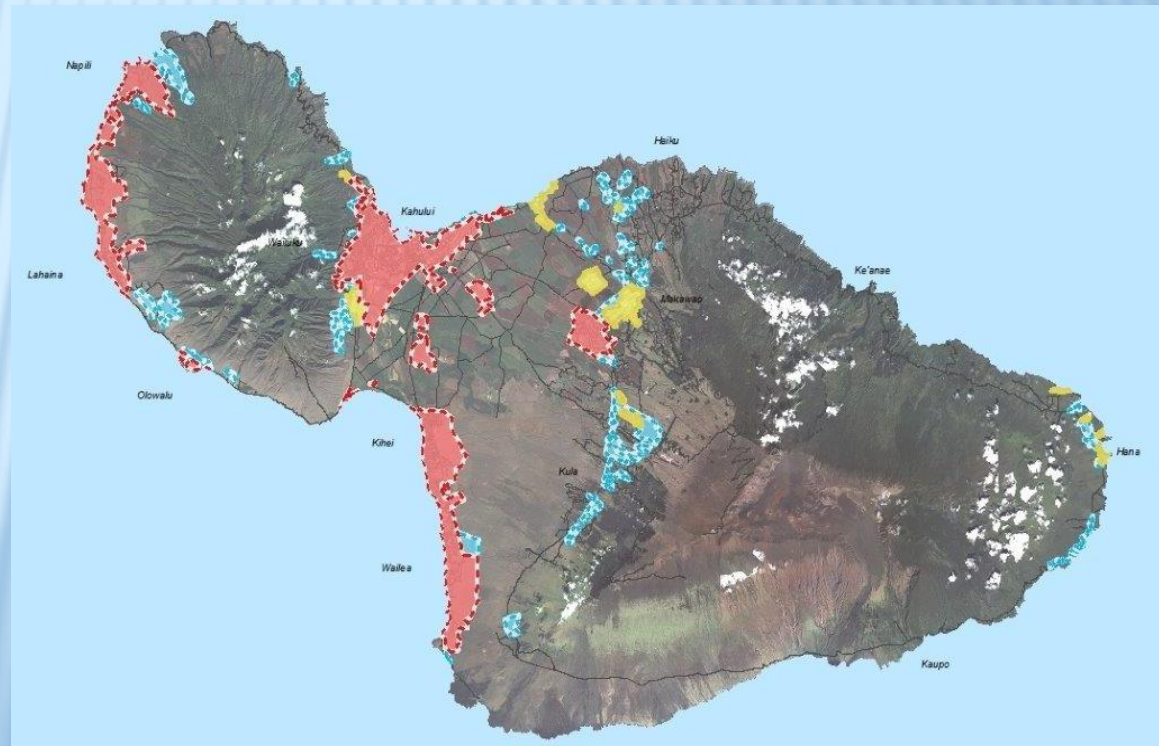
MAUI COUNTY CODE 2.80B - HISTORY

- ✓ MCC 2.80B adopted in 2004
- ✓ New in 2.80B
 1. Regional planning & directed growth strategy for Maui Island
 2. Implementation program

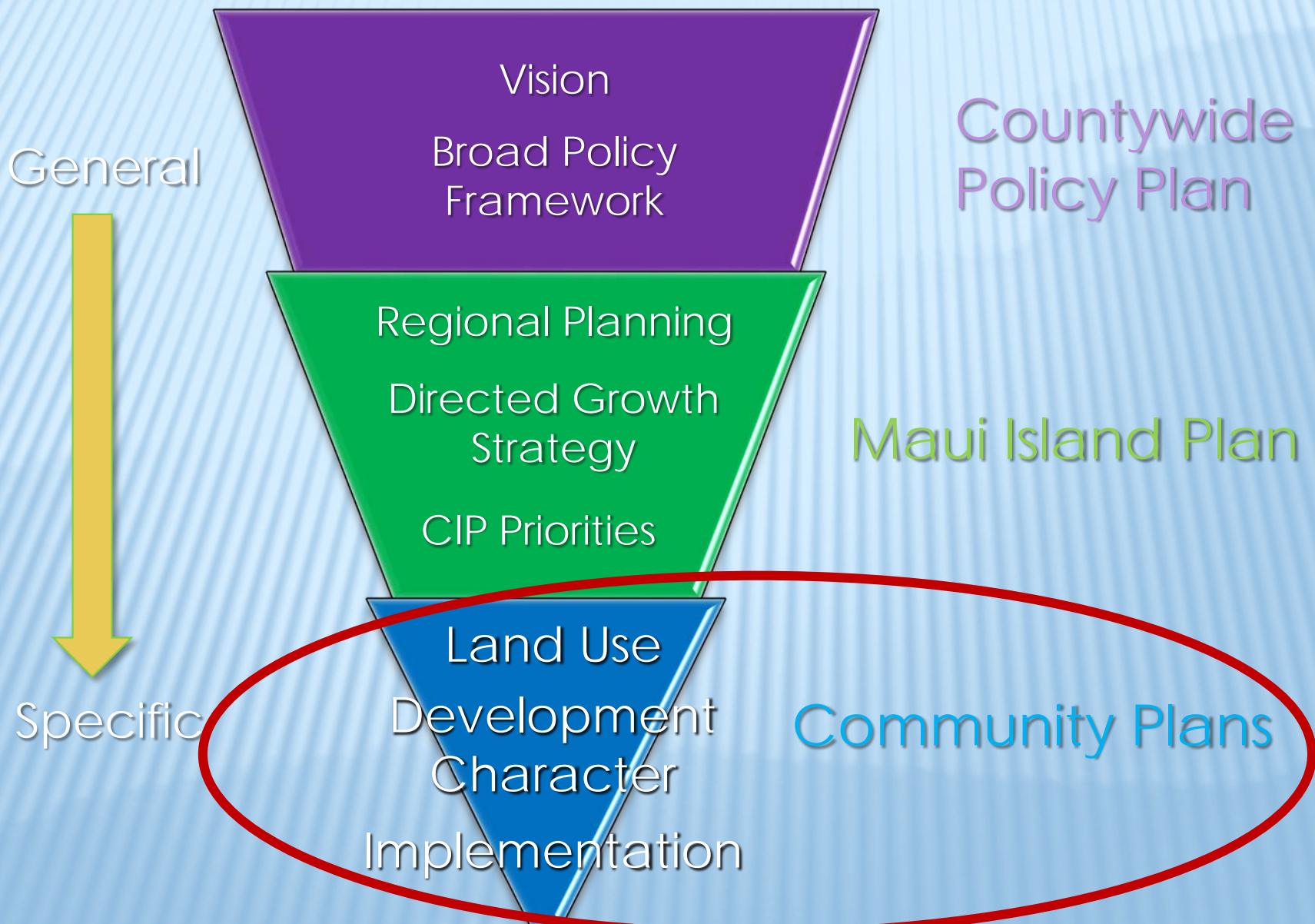
Maui Island Plan



Growth Boundaries



HOW DO THESE PLANS FIT TOGETHER?



GOALS FOR COMMUNITY PLAN UPDATES

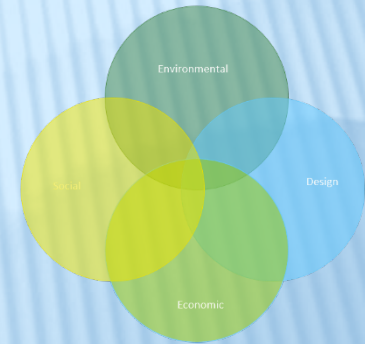
- 1) A transparent and inclusive process will reach a broader cross section of Maui residents & increase community trust and involvement.
- 2) The CPs will complement, not duplicate, the regional work of the MIP.
- 3) The CPs will facilitate livable communities with a balance of jobs, housing and natural places.
- 4) The CP's actions will be realistic and implementable.
- 5) The adoption process will be efficient & timely.



COMMUNITY PLAN UPDATE GOALS

Facilitate livable communities

- Land use will be the focus.
- Collaborate with agencies, MPO, community groups & developers.

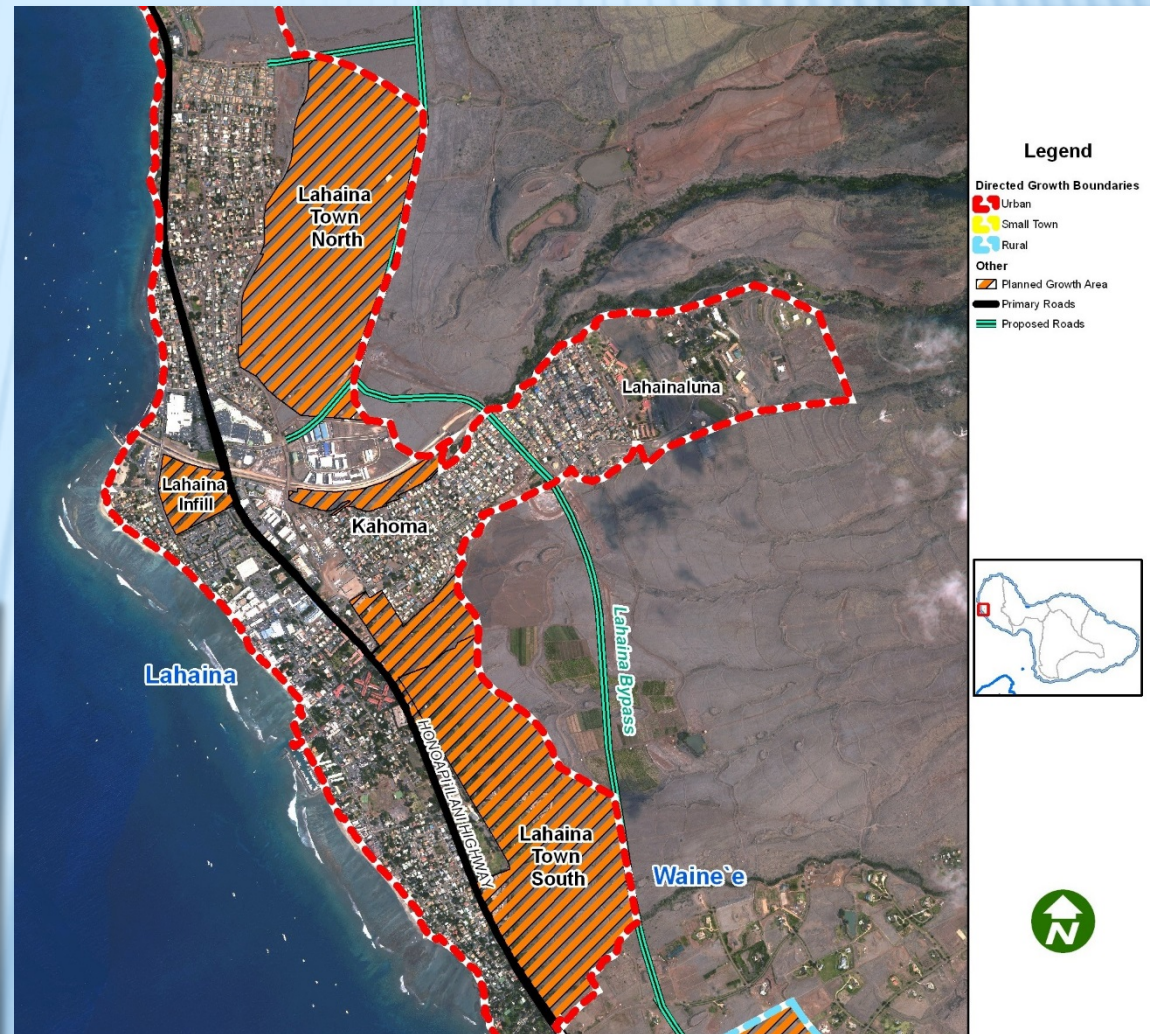
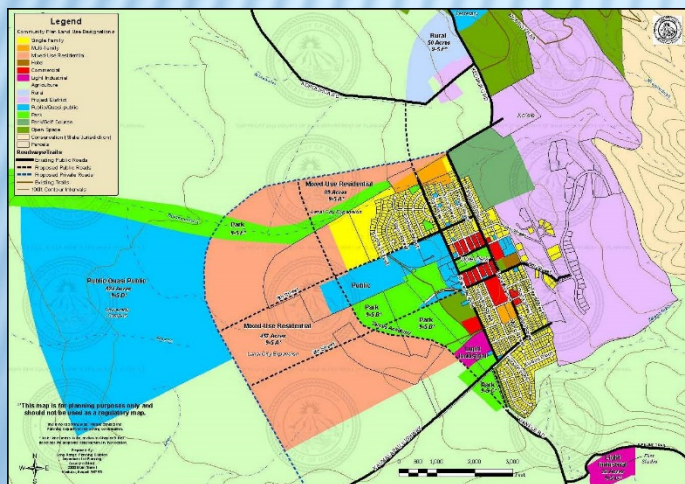


GOAL & STRATEGY

Goal 2: Complement, not duplicate, the regional work of the MIP.

Strategy:

➤ The CPs will implement the MIP's Directed Growth Strategy.

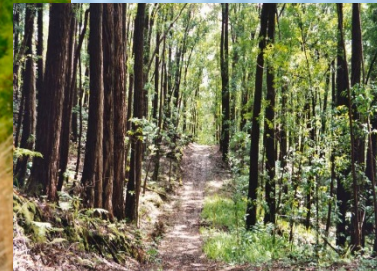
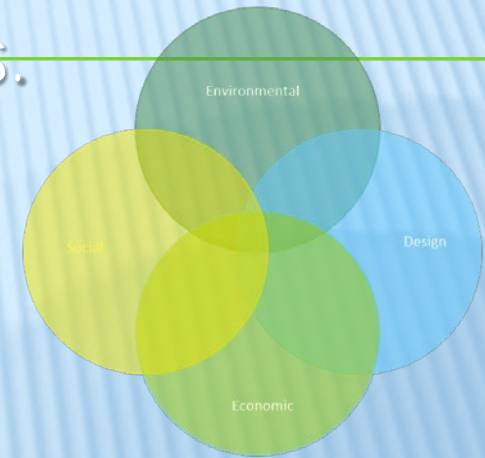


GOAL & STRATEGY

Goal 3: Facilitate livable communities.

Strategy:

- Land use will be the focus.
- Collaborate with agencies, MPO, community groups & developers.



Countywide Policy Plan

2010

COMMUNITY PLANS

Maui Island Plan
2012

Moloka`i
2017 drafted

Lāna`i
2016

Kaho`olawe
1995

COMMUNITY PLANS

West Maui
1996

2017 - 2019

Kīhei - Mākena
1998

2018 - 2021

Wailuku - Kahului
2003

2020 - 2023

Makawao - Pukalani
1996

2022 - 2025

Pā`ia - Ha`ikū
1995

2024 - 2027

Hāna
1994

2026 - 2029

*** Example Timeframes ***

2028 - 2030



18 months

6 months

6 months

12 months

Research / Agency Coordination /
Community Involvement
Prepare 1st Draft

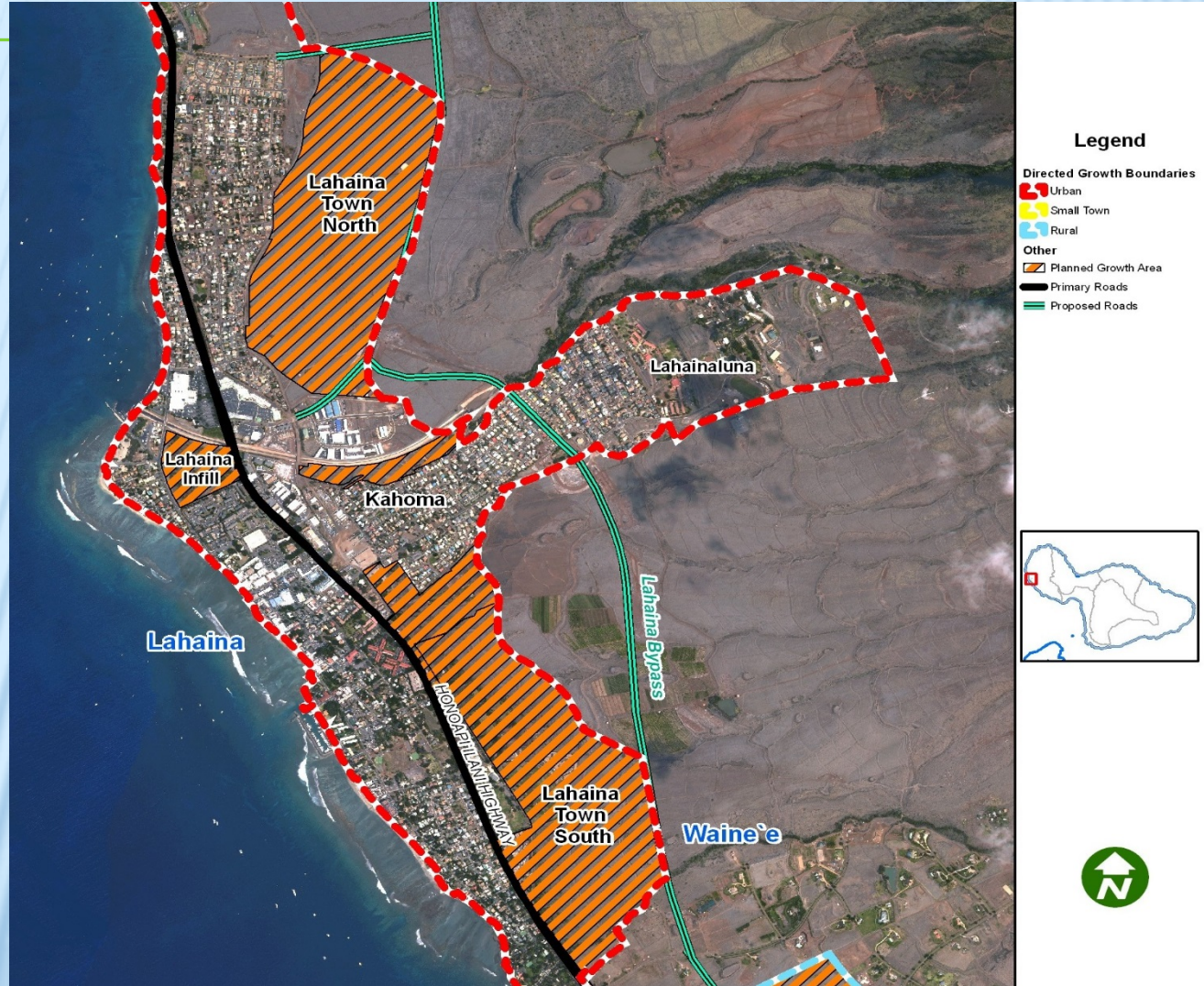
CPAC Meetings

Planning
Commission

County Council

Final
Plan

West Maui Directed Growth Strategy per the 2012 Maui Island Plan





County of Maui, American Planning Association Hawaii Chapter,
and the Maui County Healthy Eating Active Living Coalition



LAHAINA TOWN WALK AUDIT #1

Location: Starting and ending at West Maui Senior Center, Lahaina



PURPOSE

To conduct a walk audit and complete a field note form

Bring with you: **Camera, hat, and sunscreen**

DATE

**Wednesday
June 21, 2017**

TIME

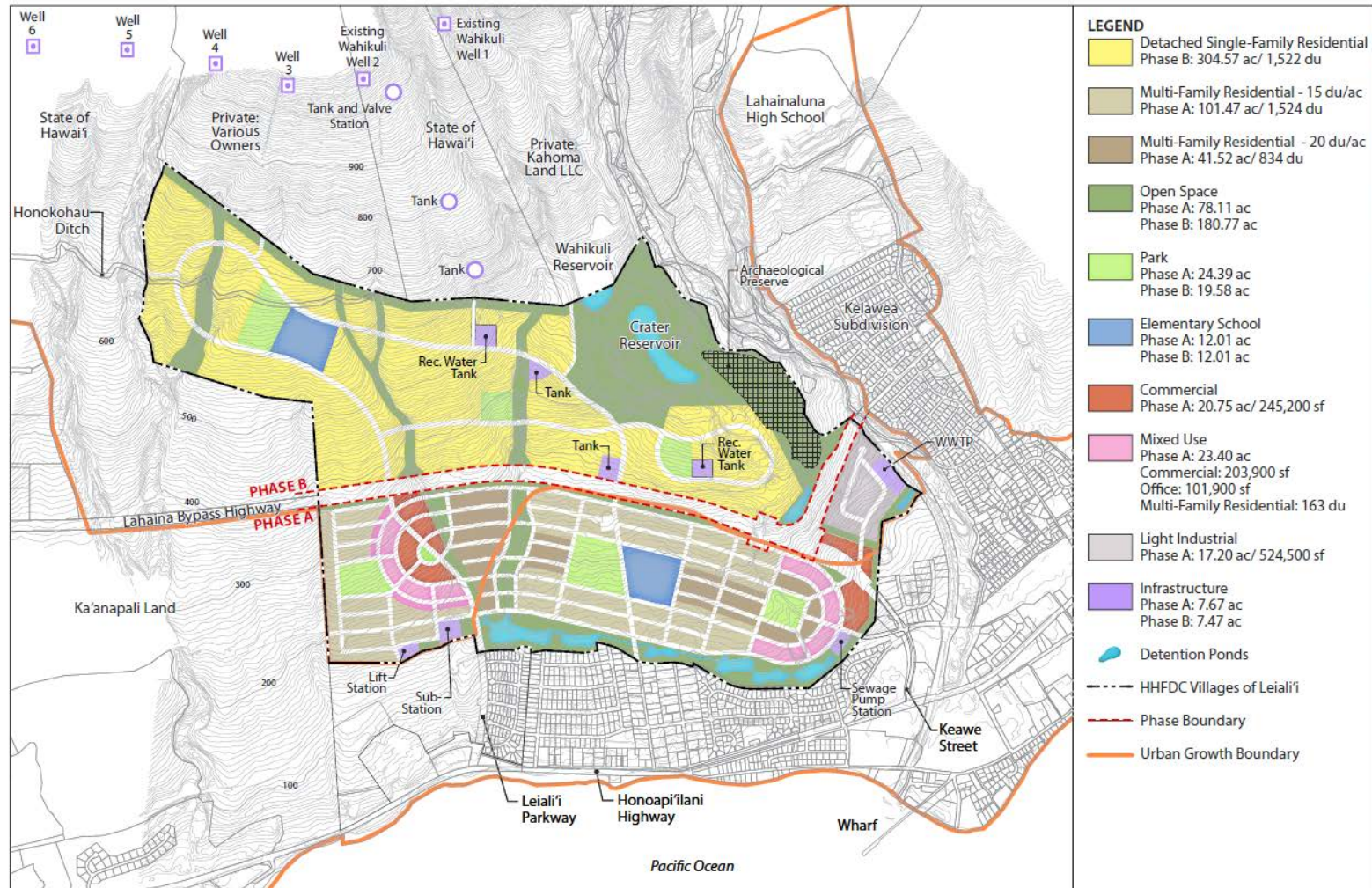
Walk Audit: 8:30AM - 11:00AM
Lunch: 11:00AM - 12:30PM

MEET AT

West Maui Senior Center,
788 Pauoa Street



HHFDC VILLAGES OF LEIALII, LAHAINA



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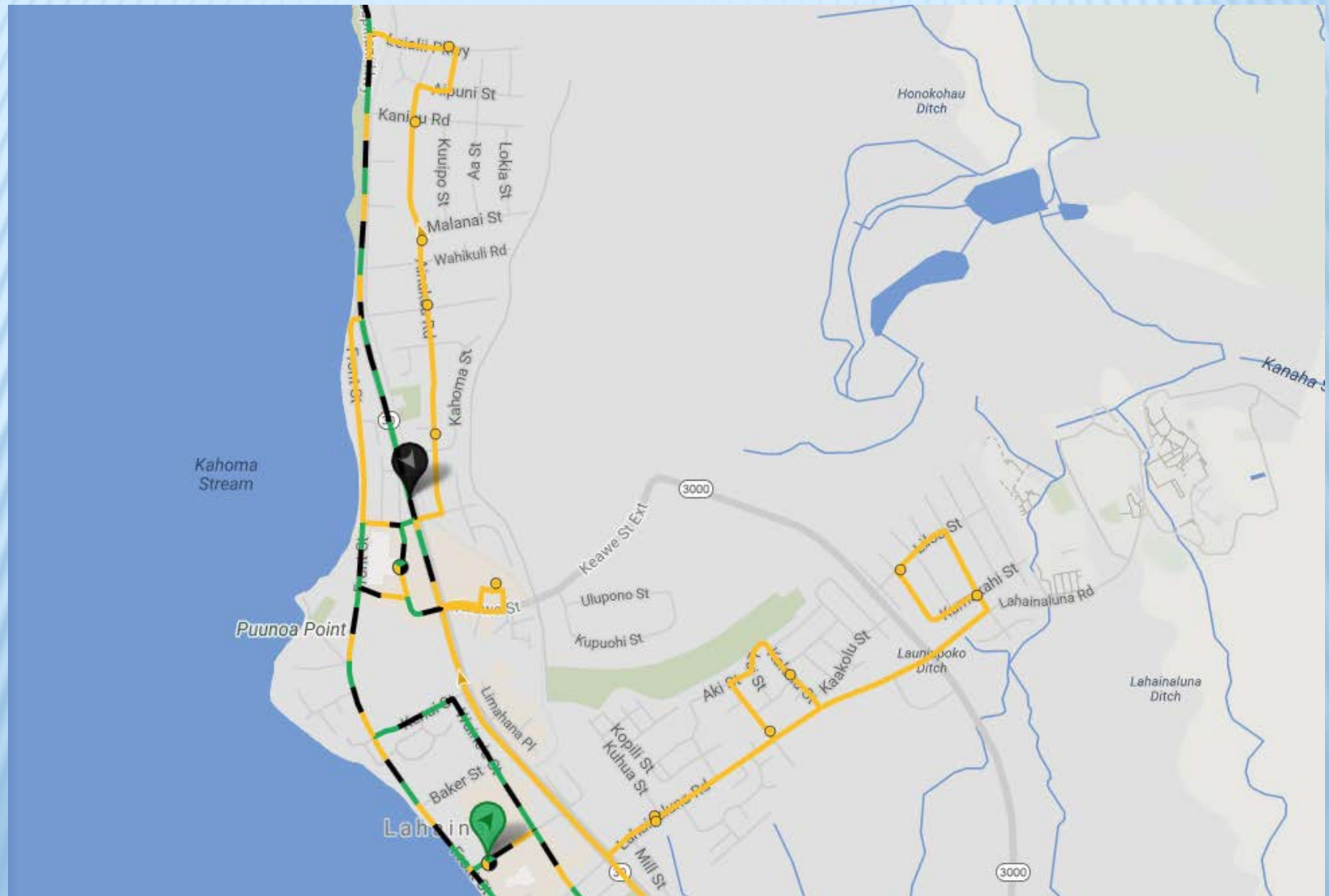
0 500 1000 2000
SCALE IN FEET

Note: Lot lines shown are approximate and for illustrative purposes. Imagery is from Google Earth Pro and is approximately matched to lot lines.

Figure 2-2
LAND USE PLAN CONCEPT TWO

Villages of Leialii
Phase A Supplemental Master Plan Report
October 2016

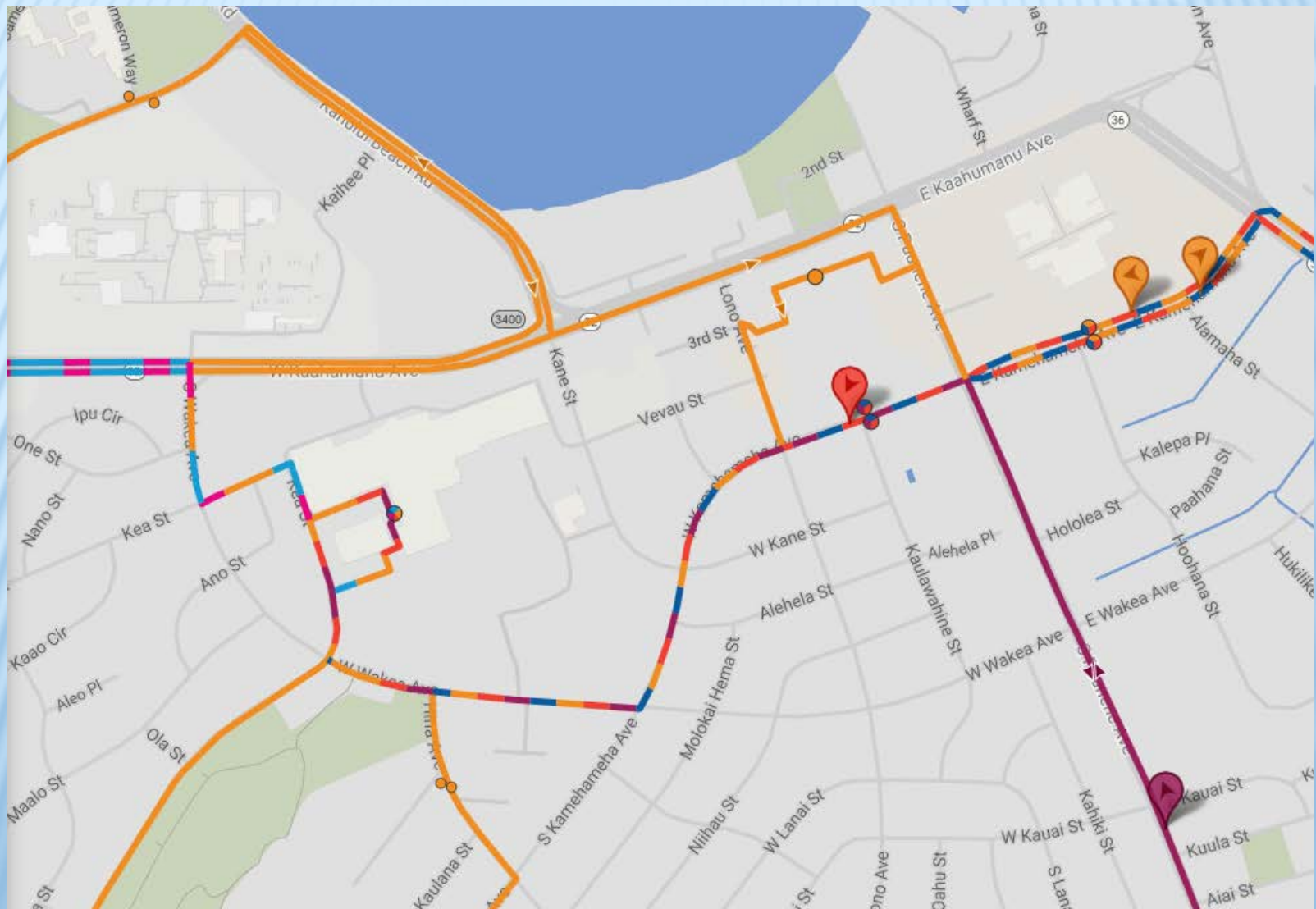
ROUTE NEAR VILLAGES OF LEIALI'I



KANE STREET - KAHULUI



ROUTE NEAR KANE STREET



WAILUKU COURTHOUSE & STATE OFFICE BUILDING



Lōkahi

The value of teamwork:

Collaboration & cooperation. Harmony & unity.
People who work together can achieve more.



Coming together is a beginning.
Keeping together is progress.
Working together is success.