Attendance Sheet

Public Information Meeting and Workshop
Bike Plan Hawaii—Update
Thursday, November 8, 2001
Wailuku Community Center, Wailuku, Maui
6:00 – 8:00 p.m.

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheryl</td>
<td>Biarra Maui</td>
</tr>
<tr>
<td>Amanda Wilson</td>
<td>Resident</td>
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To be used for our official mailing list only
## Attendance Sheet

### Public Information Meeting and Workshop
**Bike Plan Hawaii—Update**
**Tuesday, November 13, 2001**
Kaneohe Community and Senior Center  
6:30 – 8:30 pm

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Jim Wood</td>
<td>The Coolau News</td>
<td></td>
<td></td>
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<tr>
<td>John Soothe</td>
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<td>Bob Kezel</td>
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<tr>
<td>Kelley Fitzgerald</td>
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<tr>
<td>Chris Sayers</td>
<td>DTS</td>
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# Attendance Sheet

**Public Information Meeting and Workshop**

**Bike Plan Hawaii—Update**

Wednesday, November 14, 2001

Aina Haina Elementary School, Cafetorium

6:30 – 8:30 pm

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<th>Name</th>
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<tr>
<td>Diana Leone</td>
<td>Star Bulletin</td>
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<td>Thomas Reppuhn</td>
<td>HBL</td>
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<tr>
<td>Kalpana Tata</td>
<td>HBL</td>
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<tr>
<td>Gwen Sinclair</td>
<td>HBL/Sierra Club</td>
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<td>Ron Tolleson</td>
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<td>Robin Bond</td>
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<tr>
<td>Chris Sayers</td>
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<tr>
<td>Suzanne Koo</td>
<td>Honolulu</td>
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<tr>
<td>Natalie Isaac</td>
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<tr>
<td>Jayne Kim</td>
<td>Eki Cycling</td>
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<td>Clifford Chung</td>
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*To be used for our official mailing list only*
# Public Information Meeting and Workshop

**Bike Plan Hawaii—Update**  
**Thursday, November 15, 2001**  
**Mililani Mauka Elementary School, Cafetorium**  
**6:30 – 8:30 pm**

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<tr>
<td>Peter Lucas</td>
<td>Mililani Middle Sch.</td>
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<tr>
<td>Mark Miyag</td>
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<td></td>
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<tr>
<td>Scott Kobayashi</td>
<td>Student</td>
<td></td>
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</tr>
<tr>
<td>Mitchell Caluarte</td>
<td>Student</td>
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<tr>
<td>Stephen Albano</td>
<td>Student</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chantelle Nakamura</td>
<td>Student</td>
<td></td>
<td></td>
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<tr>
<td>Martin Kim</td>
<td>Student</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jamie Kim</td>
<td>Student</td>
<td></td>
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</tr>
<tr>
<td>Jamie Ochiro</td>
<td>Student</td>
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<tr>
<td>Emma McCauley-Spencer</td>
<td>Student</td>
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<tr>
<td>Pamela Young</td>
<td>DTS</td>
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<tr>
<td>Chris Sayers</td>
<td>Resident</td>
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<td>Neil Takeda</td>
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<tr>
<td>Colby Takeda</td>
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<tr>
<td>Quinn Takeda</td>
<td>Student</td>
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<tr>
<td>James Burke</td>
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<td>David Bremer</td>
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<td>Jenni Yoneda</td>
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<tr>
<td>Brian Prentice</td>
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<tr>
<td>Nohaa Nakama</td>
<td>Student</td>
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<tr>
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<tr>
<td>Cheryl Pritchard</td>
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<td>Bernard Schwind</td>
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<td>Frances Feeter</td>
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<tr>
<td>Curtis Goodman</td>
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<tr>
<td>Phillip Kulakman</td>
<td>molokai bike</td>
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Bike Plan Hawaii
State of Hawaii Department of Transportation
Federal Highway Administration

Public Information Meeting and Workshop

Wednesday, November 14, 2001
Aina Haina Elementary School, Cafetorium, East Oahu
6:30 pm

Agenda

1. Introduction 6:30-6:40 pm
   Vince Llorin, State DOT, Project Manager

2. Project Description and Background Information 6:40-7:00 pm
   Charles Denney, Sprinkle Consulting, Inc.

3. Questions and Comments 7:00-7:20 pm
   • What do you want out of the bike plan?

4. Review 1994 Bikeway Proposals 7:20-7:30 pm

5. Mapping Exercise in Small Groups 7:30-8:00 pm
   Break into groups by jurisdiction. Group tasks:
   • Review proposals from the 1994 Plan and determine whether
     they are still valid
   • Identify additional connections within (and between) jurisdictions
   • Identify top three priorities for bicycle facilities

6. Group Reports and Summarization 8:00-8:25 pm
   Spokesperson for each group will briefly report the results of
   their discussions—5 minutes per group

7. Closing Remarks 8:25-8:30 pm
   Vince Llorin
Bike Plan Hawaii
Workshop Participant Survey

1. How many bicycles are at your home address? _______

2. Where is your residence located (name of town or subdivision) ___________________________

3. How often do you and other members of your household ride bikes?

<table>
<thead>
<tr>
<th></th>
<th>Almost everyday</th>
<th>Several days a week</th>
<th>Several days a month</th>
<th>Several days a year</th>
<th>Rarely</th>
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<tbody>
<tr>
<td>Self</td>
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<tr>
<td>Household member #2</td>
<td>☐</td>
<td>☐</td>
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<tr>
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<td>☐</td>
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<td>☐</td>
<td>☐</td>
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<tr>
<td>Household member #4</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
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</table>

4. For your household as a whole, how important is bicycling for the following types of trips?

<table>
<thead>
<tr>
<th></th>
<th>Very Important</th>
<th>Somewhat Important</th>
<th>Not Important</th>
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<tbody>
<tr>
<td>Commuting (to work)</td>
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<tr>
<td>School</td>
<td>☐</td>
<td>☐</td>
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</tr>
</tbody>
</table>

5. What do you like about bicycling in your community?
_____________________________________________________________________________
_____________________________________________________________________________

6. What problems do bicyclists face in your community?
_____________________________________________________________________________
_____________________________________________________________________________

7. Where would you like to see improved bicycle facilities?
From _____________________________  To ___________________________________
__________________________________  ______________________________________

8. Other concerns regarding engineering, education, enforcement, economy and/or encouragement
_____________________________________________________________________________

9. How did you hear about this workshop? _________________________________________

Thank you for completing this questionnaire
Kimura International, Inc., 1600 Kapiolani Boulevard, Suite 1610, Honolulu, HI 96814
Bike Plan Hawaii
PLAN UPDATE

- A statewide bike master plan was completed in 1994
- We’re here to update this plan

What is... Bike Plan Hawaii?

- A blueprint for improving the bicycling environment across the state
  - Pictures (maps) and statements (policies) of desired outcomes
  - Strategic program for achieving goals and objectives
What is... Bike Plan Hawaii?

- Comprehensive... the 5 "E"s
  - Engineering
  - Education
  - Enforcement
  - Economic
  - Encouragement

What is... Bike Plan Hawaii?

- Engineering
  - Facilities planning
  - Network of bikeways
  - Safe, cost-effective design
  - Maintenance
What is... Bike Plan Hawaii?

- **Education**
  - Rules of the road
  - BikeEd in the schools
  - Bike rodeos and clinics

What is... Bike Plan Hawaii?

- **Enforcement**
  - Enforceability from the police’s perspective
  - Need to re-examine traffic code?
What is... Bike Plan Hawaii?

- Economy
  - Saving dollars by bicycling
  - Bringing new $ thru eco-tourism and bike events
  - Energy savings

What is... Bike Plan Hawaii?

- Encouragement
  - Promoting bike friendly attitudes
  - Making bicycles an important part of healthy cities
What is... Bike Plan Hawaii?

- Flexible
  - Statewide policies
  - Address varying issues and opportunities for each island

Why is it important?

- Part of the State’s transportation plan
- Necessary to obtain federal transportation funds
- Consistent with County plans
- Integrate land use development and transportation systems
What does the Bike Plan cover?

- State and county facilities on six islands
- On Oahu, Bike Plan Hawaii will fold in recommendations from the Honolulu Bicycle Master Plan
- Development proposals over the next 20 years
- Bicycle facilities of all types, but not mountain bike trails
RESULTS OF THE 1994 PLAN

- Permanent liaisons
  - State bicycle coordinator
  - City and County of Honolulu bicycle coordinator
- Mayor's advisory committees on Oahu and the Big Island
- November designated bicycle safety month by State DOT
- Bicycling maps published for Maui and Oahu

RESULTS OF THE 1994 PLAN

- Improved integration between bikes and buses
  - Bike racks on all Honolulu buses
  - Big Island buses can accommodate bikes

Bike Rack Usage on TheBus,
Quarterly July 95 - July 01
Bicycling in Hawaii Today

- Miles of bike facilities
  
  Source: State of Hawaii, DOT, Highways

  [Graph showing existing bikeway miles by year and type]

  [Graph showing existing bikeways by type as of 1999]

Bicycling in Hawaii Today

- Accident data
  
  Source: State DOT, Highways Division

  [Graph showing traffic vs. bicycle crashes, 1999]

  1999 Bicycle Crashes
  - Honolulu County 228
  - Kauai County 12
  - Maui County 47
  - Hawaii County 36

  [Pie chart showing crash location, 1990-99]
Efforts in Other States

Bicycle programs in other states

Oregon

- Passed 1st Bike Bill in 1971
- First comprehensive Bike/Ped Plan in 1995
- 4100+ miles of state roadways have shoulders or bike lanes
- 60% of state urban roads have sidewalks
- Incorporating bike/ped standards into Roadway Design Manual
Pennsylvania

- 1000 miles of rail-trails
- Statewide Plan completed in 1996
- Bike and Pedestrian Design Manuals
- State provides local planning assistance, training sessions
- Bicycle PA Touring Route Network
- Bike/Ped Checklist for roadway design projects
- 12 District Bike/Ped Coordinators, two staff in central office
- Few bike lane miles

North Carolina

- Bicycle program began in 1974; pedestrian added in 1992
- Initially focused on education and touring routes
- Bicycling and Walking plan adopted in 1996
- Focus on trails and 14-foot outside lanes
- No bike lanes, very few shoulders
New Jersey

- First Bicycle and Pedestrian Plan adopted in 1996
- Governor Whitman—2000 miles of bicycle lanes by 2008
- Bicycle Program has 5 staff, elevated status
- "Rack 'n' Roll" (racks on 262 buses)
- New emphasis on project scoping

Florida

- First Plan in 1980, hired bike coordinator
- Bicycle program has 20+ staff members
- 200+ miles of urban bike lanes, 6400 miles of paved shoulders, 2000 miles of sidewalks
- Florida GreenBook has 2 chapters on bike/ped design
- Now establishing multi-modal level-of-service measures
What’s involved in planning bikeways?

- Type of Bike Facilities
  - Shared roadways
  - Signed shared roadways (bike routes)
  - Bike lanes
  - Bike paths/mixed-use paths

Shared Roadways

- Many existing streets can accommodate bikes “as is”
- Need adequate room for comfortable bike use
- Most common form of bike facility
- Example: minor residential streets
- In high traffic areas, safety enhanced with 4-foot paved shoulder & 6-inch stripe
Signed Shared Roadways
(Bike Routes)

- Designated by bike route signs
- Provide continuity to other bicycle facilities
- Indicate preferred routes through high travel corridors
- Advise motorists that bicyclists are present

Without Shoulder

With Shoulder

Bike Lanes

- Designated by pavement markings and signs
- Typically 4’ wide; 5’ with on-street parking
- Lanes in same direction as adjacent vehicular traffic
- Show road areas of preferential use by bikers and motorists
- Increase predictability of movements by each
Shared Use Paths

- Separate from roadway, path functions as independent facility
- Two-way use allowed
- Typically at least 10 feet wide
- Increase width to reduce conflict among different users
- Rely on sidewalks for bikers only in limited situations
- Supplement, not replace, on-road bicycle facilities

What's involved in planning bikeways?

- Routing considerations
  - Traffic generators
  - Directness
  - Road conditions
  - Speed and volume of traffic
  - Skill of bike riders
  - Purpose of trips - commuting, recreation, exercise
  - Security and personal safety
  - Aesthetics
  - Cost
What’s involved in planning bikeways?

- Off-road routing considerations for shared use paths
  - Stream corridors
  - Utility easements
  - Former railroad right-of-ways
  - Old cane haul roads

---

Workshop --- Things for you to do

- Mapping Exercise
  - Validate proposed routes from 1994 Plan
  - Suggest new routes
  - Identify hazardous areas
  - Choose three most important routes

- Questionnaire
Let’s take a break...

Bike Plan Hawaii

State of Hawaii
Department of Transportation

Federal Highway Administration

In cooperation with
City and County of Honolulu
County of Kauai
County of Maui
County of Hawaii
### Summary of Workshop 1 Publicity (10/24/01)

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<tr>
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<th>Kauai</th>
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<td>Local contacts (county agencies, district engineers, bike advocates)</td>
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<td>Neighborhood boards/Community associations</td>
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<td>Business groups</td>
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<td>Flyers--Mailed</td>
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<td>Century Bike Ride</td>
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<td>Presentations</td>
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<td>Council--PW and Transportation Committee (public access TV)</td>
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<td>Electronic newsletters</td>
<td>Dep. Mayor Peter Young PATH</td>
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<td>Bike month full-page ad (DOT)</td>
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</table>
NEWS RELEASE

Department of Transportation

Contact: Marilyn Kali, Public Information Officer
Phone: (808) 587-2160
Fax: (808) 587-2313

October 29, 2001

01-242

The state Department of Transportation will hold a series of community workshops on Oahu as part of a planning effort to update the statewide bicycle master plan.

The workshop schedule is as follows:

- Thursday, November 1, Ihilani Marriott, Conference Room, 7 p.m.
- Tuesday, November 13, Kaneohe Community and Senior Center, 6:30 p.m.
- Wednesday, November 14, Aina Haina Elementary School Cafeteria, 6:30 p.m.
- Thursday, November 15, Mililani Mauka Elementary School Cafeteria, 6:30 p.m.

All interested persons are invited to participate. These two-hour workshops will provide the public with information about the scope of the plan, its purpose and goals, and conditions that affect bicyclists. Participants will help to identify potential new bikeways, areas that are hazardous for bike riders and other bicycling issues.

Directions to workshop locations and additional information can be found at: or call Kimura International, Inc. at (808) 944-8848.

###
NEWS RELEASE

Department of Transportation

Contact: Marilyn Kali, Public Information Officer
Phone: (808) 587-2160
Fax: (808) 587-2313

October 29, 2001

01-243

The state Department of Transportation will hold a series of community workshops on the island of Hawaii as part of a planning effort to update the statewide bicycle master plan.

The workshop schedule is as follows:

- Saturday, November 3, UH Komohana Agriculture Complex, Conference Room, Hilo, 9 a.m.
- Saturday, November 3, Kalani Honua Rainbow Room, Puna, 2 p.m.
- Monday, November 5, Parker Ranch Town Hall, Waimea, 6 p.m.
- Tuesday, November 6, King Kamehameha Hotel, Conference Room, Kailua-Kona, 6 p.m.

All interested persons are invited to participate. These two-hour workshops will provide the public with information about the scope of the plan, its purpose and goals, and conditions that affect bicyclists. Participants will help to identify potential new bikeways, areas that are hazardous for bike riders and other bicycling issues.

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