New Partners for Smart Growth Conference
February 12, 2016

Honolulu Authority for Rapid Transportation | Nelson\Nygaard | TransLink | TriMet
TODAY’S PANEL

Evan Corey | Senior Associate

Jon Nouchi | Deputy Director, Planning and Environmental

Kamala Rao | Senior Transportation Planner

Jeff Owen | Active Transportation Planner
PREPARE TO PARTICIPATE!
What region are you from?

SMS your vote to 650 600 9016 or visit m.smsspoll.net

- West: 108674
- Midwest: 108675
- South: 108676
- East: 108677
- Outside of USA or Canada: 108678
What do you want to discuss most today?

SMS your vote to 650 600 9016 or visit m.smsspoll.net

- Low-cost bike integration options or retrofits: 108612
- Bike share integration: 108613
- Necessary bike policies: 108614
- Secure bike parking areas: 108615
- Bike authorities: 108616
- Other: 108617
HISTORY
WHY?
HOW?
A LONG HISTORY OF BIKE ACCESS

1897: First mention of bike hooks on streetcars

1950-1970: Steep bike-on-bus decline

1975-79: Santa Barbara MTD Bike Trailers

1991: Intermodal Surface Transportation Efficiency Act (ISTEA)

1996: Long Beach BikeStation

2010: Denver B-cycle
A LONG HISTORY OF BIKE ACCESS

Percent of buses in US with exterior bike racks

APTSA, Public Transportation Factbook, 2015
A LONG HISTORY OF BIKE ACCESS
WAY TO GO

In the US...

Secure parking area spaces = 8,800
Bike rack spaces = 38,200
47,000 total bike spaces

At Amsterdam Centraal Station...

10,000 total bike spaces

Source: APTA, Public Transportation Factbook, 2015
Amsterdam IVV Long-Term Bicycle Plan 2012-2016
WHY IS BIKE ACCESS IMPORTANT TO TRANSIT AGENCIES?

- Increases ridership
  - Encourages transit use in lower density neighborhoods
  - Extends reach of transit
  - Improves “last-mile” connections
  - Support bike trips (rain, hills, etc.)
- Alleviates overcrowding
- Integrates transit needs into the design of bikeways...and vice versa
KEY STRATEGIES

Bikeway Integration

Access Amenities

Technology
KEY STRATEGIES

Policy & Procedures

Programs & Marketing

Jeff, Bellingham
Mode of choice: bike
Miles logged: 5,918
Gas money saved: $1,449

Make a difference anywhere you go
Building an integrated network with integrated amenities
Bike Accessible Transit Agency

February 12, 2016

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Bike Accessible Transit Agency

- Access to
- Accommodation on
- Parking at
- Future integration
accommodation on transit
parking at transit
future integration with transit

bike share car share fare technology emerging trends new ideas
Metro Vancouver

23 local governments
2.5 million people
Funding

Lockers

Rail Trail

Parkades
TRANSIT
TRANSformative
Historic Transit in Honolulu
Modern Transit in Honolulu

1971 – TheBus
- City and County of Honolulu took over transit
- Won the American Public Transportation Association’s (APTA) *America’s Best Transit System* in 1994 and 2000
- A well-utilized transit system
- 220,000 daily weekday riders
- 71 million annual riders

2007 – TheBoat
- Demonstration Intra-island commuter ferry
- Sailed between Kapolei and Honolulu during peak periods
- Integrated with TheBus for seamless transfer connections
Modern Transit in Honolulu
2019 – Honolulu Rail Transit

- Currently under construction by HART
- 20-mile elevated alignment with 21 stations
- 20 4-car driverless, fully-automated train sets
- Service will operate between 4:00 a.m. and midnight
- Arrivals every 5 minutes peak/11 minutes off-peak
- Anticipated ridership is 119,600 daily passengers
- Integrated with TheBus through transit centers
- Four strategic park-and-ride locations planned
- Provides direct service to Honolulu International Airport
- Bicycles (and surfboards up to 10’) welcome on board
21 Stations = 21 Communities
Kapolei to Honolulu
via Primary Urban Corridor, Honolulu International Airport, and Downtown
Bike + Rail

- Each 4-car train is **256 feet long**
  - 8 bike hooks
  - 16 fold-down seat areas
- Bike **channels and grooves** on stairs and **bike-friendly elevators** to access station platforms
- Bike **racks** at all stations
- Secured **bike storage** rooms at selected stations accessible using contactless integrated fare cards
- Integrated reserved **bike share space** onsite at stations
LET’S CHAT!
What do you want to discuss most today?

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Low-cost bike integration options or retrofits 108612

Bike share integration 108613

Necessary bike policies 108614

Secure bike parking areas 108615

Bike authorities 108616

Other 108617

Create your own free poll at www.smspoll.net
What strategies do your local transit agencies use to support and improve bike access?

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- Bikes on board transit
- Bike parking at transit stops
- Secure, high-capacity bike parking
- Construction or funding of bikeways
- Bike-to-transit education
- Bike safety programs
- Bike share
- Trip planning tools
- Other innovative tools or strategies

Change Chart Type  Full Screen  Embed  Create your own free poll at www.smsspoll.net
THANK YOU!
What strategies do your local transit agencies use to support and improve bike access?

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