



HONOLULU AUTHORITY for RAPID TRANSPORTATION

## MINUTES

**Board of Directors Meeting  
November 3, 2011, 10:00 A.M.  
Mission Memorial Annex Conference Room  
550 South King Street, Honolulu, Hawaii**

PRESENT:	Carrie Okinaga Ivan Lui-Kwan William "Buzz" Hong David Tanoue	Keslie Hui Wayne Yoshioka Robert Bunda Don Horner
ALSO IN ATTENDANCE: (Sign-in Sheet and Staff)	Toru Hamayasu Gary Takeuchi Joyce Oliveira Jurgen Sumann Wes Mott Maurice Morita	Councilmember Breene Harimoto Al Lardizabal William Spiegelberg Joe Magaldi Brian Gibson
EXCUSED:	Glenn Okimoto	Damien Kim

I. Call to Order by Committee Chair

At 10:38 A.M., the meeting of the Board of Directors was called to order by Board Chair Carrie Okinaga.

II. Public Testimony

Ms. Okinaga called for public testimony. None was offered.

III. Approval of Minutes of October 27, 2011 Board Meeting

Board Member Wayne Yoshioka proposed that the minutes of the October 27, 2011 Board Meeting be amended by inserting into the fourth paragraph of Section IV the following sentence: "Mr. Yoshioka added that fare collection systems should integrate with other services, such as parking." There being no objections to the amendment, the minutes were amended as proposed. Ms. Okinaga called for the approval of the minutes as amended. There being no objections, the minutes as amended were unanimously approved.

#### IV. Report of Transit Oriented Development Committee

Transit Oriented Development Committee Chair William "Buzz" Hong reported that the committee met on November 3, 2011. The Committee received travel reports from Board Member Ivan Lui-Kwan and Board Member Keslie Hui, heard an update from DPP on TOD planning, and was given presentations by the Robertson Properties Group on the redevelopment of the former Kam Drive-In site in 'Aiea and Senator Donovan Dela Cruz on redevelopment of the urban core and the Public Land Development Corporation.

Board Member David Tanoue noted that the proposed redevelopment on the Kam Drive-In site will be TOD-ready, but will not necessarily be reliant on rail coming through.

#### V. Report of Travel to Rail~Volution Conference

Mr. Hui reported that he traveled with Mr. Lui-Kwan to the Rail~Volution Conference from October 16-October 19 in Washington, D.C. Mr. Hui stated that while he was there, he met with various stakeholders, including federal officials, who emphasized the importance of timing and meeting milestones so the project receives an FFGA next year. Mr. Lui-Kwan reported that the conference was an excellent opportunity. The travel reports are attached to the minutes of the November 3, 2011 TOD Committee meeting, and attached hereto as Attachments A and B of these minutes.

Mr. Tanoue asked where the next Rail~Volution Conference will be held. A member of the audience informed the Board that the next conference will be held in Los Angeles.

#### VII. Presentation on Scope of Core Systems Contract

Mr. Lui-Kwan stated that he submitted a Disclosure of Conflict of Interest Form with the Ethics Commission, City Clerk, and City Council, for matters relating to Ansaldo Honolulu JV. He informed the Board that, after consulting with the Interim Executive Director and with Corporation Counsel, he believed it would be acceptable for him to listen in on the content of the presentation on the general scope of the RFP requirements for control systems.

Interim Executive Director Toru Hamayasu reported that Corporation Counsel and the 3<sup>rd</sup> Party Reviewer are examining the payment and performance bonds submitted by Ansaldo Honolulu JV along with its signed contract, as was requested by the Board. The bond was issued by the National Union Fire Insurance Company, which is a member of the Chartis insurance group. Chartis, Inc. is rated by A.M. Best as A (excellent), and XV in financial size category, indicating an adjusted policyholders' surplus of over \$2B. He further indicated that he expects contract execution to occur on the week of November 21, ahead of the November 25 deadline. Ms. Okinaga noted that the Board will have a meeting before that date, on November 17.

Chief Systems Engineer Jurgen Sumann gave a presentation on the Train Control System and signage, which is attached hereto as Attachment C of these minutes.

Mr. Hui asked how many full-time employees will be working in the control room, and Mr. Horner asked whether they would be employees of HART or the core systems contractor. Mr. Sumann replied that in Charlotte, there were four operators in the control room—two monitoring the control system, one operating the CCTV system, and another answering emergency calls—in addition to one supervisor. He added that they would be Ansaldo employees, particularly the supervisor who must have had experience in train control work before. Mr. Tanoue asked whether there is a point when local employees might take over. Mr. Hamayasu replied that during the interim period, HART would like to train local people so they can take over.

Mr. Tanoue asked how long the typical train control blocks are. Mr. Sumann replied that block length is calculated based on the safe braking distance within the section. Mr. Hui asked whether the train control system reserves blocks ahead of a train's path. Mr. Sumann replied that the system is computerized, which will allow for headways as short as 90 seconds. Mr. Hui asked whether more cars can be added to expand the train. Mr. Sumann replied that the platform length of 240 feet limits the system to four-car trains.

Mr. Hui asked if analyses have been done involving costs per ride, in terms of ridership and farebox recovery ratios. Mr. Horner asked what the fare per trip might be. Mr. Hamayasu replied that the fare is \$2.50 for a single ride, however, due to the number of passes being used, the amount collected per trip averages to approximately 90¢. Mr. Yoshioka explained that such calculations are complicated, but concurred that it is approximately 90¢. Mr. Horner asked what the projections are in the Financial Plan. Mr. Hamayasu replied that if you take rail in isolation, the recovery ratio is approximately 40%. Mr. Horner indicated that he would like further information on volume and cost at a future Finance Committee meeting.

Mr. Hamayasu explained how the projections are made via computer models to estimate ridership, cost per ride, farebox recovery ratios, and required passenger capacity for the vehicles. Mr. Hamayasu also explained that the platforms may be lengthened in the future in response to higher demand. Mr. Hui replied that he finds it reassuring that future demand is being taken into account.

Mr. Horner asked how fares collected might be allocated between the bus and rail systems. Mr. Hamayasu stated that there are some allocation assumptions based on the percentage of transfers, the number of people who walk directly to a rail station, etc.

Mr. Hui asked whether the farebox recovery ratio is a maximum or minimum. Mr. Yoshioka stated that the farebox recovery ratio is a minimum. Mr. Hui replied that he observed very successful systems with much higher farebox recovery ratios, which was a product of ridership and fare structure.

#### VIII. Six Year Capital Program

Mr. Hamayasu requested that the Six Year Capital Program presentation be deferred to a future meeting. Ms. Okinaga asked for any objections to referring the Six Year Capital Program to the Finance Committee. There being no objections, discussion on the Six Year Capital Program was deferred until the next Finance Committee meeting.

X. Report of the Interim Executive Director

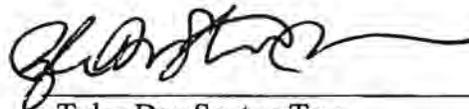
Mr. Hamayasu delivered an oral report of project activities for the week of October 27-November 2. A written copy is attached hereto as Attachment D of these minutes.

Mr. Bunda asked about the current balance of the transit fund, progress on major milestones, and the status of the 5307 funds. Mr. Hamayasu replied that, prior to receiving monies from last quarter, the balance as of September is about \$300M, with \$40-\$50M in receipts anticipated for the most recent quarter. Final design is anticipated around the middle of November, and FTA approval of the Financial Plan is anticipated soon. He also reported that the continuing resolution on federal transit funds was extended to March.

XI. Adjournment

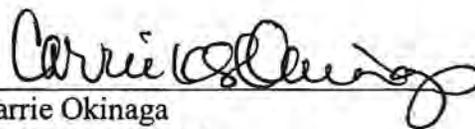
Ms. Okinaga proposed that the Finance Committee meeting, originally scheduled for November 10, be moved to November 17. There being no objections, the Finance Committee will meet on November 17 at 9:30AM. She also stated that since so much of the organizational work has been completed, there will be an effort to cut back on meeting days, and schedule committee meetings on the same days as board meetings, which could result in longer but fewer meeting days. Having no other pending business, Mr. Hong moved that the meeting be adjourned. Mr. Lui-Kwan seconded the motion. There being no objections, the motion passed unanimously and Ms. Okinaga adjourned the meeting at 11:31 A.M.

Respectfully Submitted,



\_\_\_\_\_  
Tyler Dos Santos-Tam  
Board Administrator

Approved:



\_\_\_\_\_  
Carrie Okinaga  
HART Board Chair

NOV 17 2011

\_\_\_\_\_  
Date

[ATTACHMENT A]

# Honolulu Authority for Rapid Transportation

## Travel Report

By Board Member Ivan M. Lui-Kwan

November 2, 2011

Purpose of Travel: Attend Conference: Rail-Volution 2011  
Building Livable Communities with Transit

Date of Conference: October 16-19, 2011

Place of Conference: Washington, DC

### **Activities**

A. Meetings with Senators Daniel K. Inouye, Senator Daniel K. Akaka and key staff members of House and Senate Committees on Monday October 17 and Tuesday, October 18. See Exhibit A.

1. Senator Daniel Inouye. Key message from Senator Inouye: Provision of federal funding would be advanced by collaborative leadership among HART, the Mayor and the City Council.
2. Senator Daniel Akaka. Senator Akaka communicated strong support the transit project.
3. Helena Zyblikewycz: Professional Staff Member of the House Transportation and Infrastructure Highways and Transit Subcommittee
4. Alex Keenan: Staff Director of the Senate Appropriations Subcommittee on Transportation and Housing and Urban Development

### B. Conference Events

1. Mobile Workshops (See Exhibit B): Site Visitations of TOD Projects in and around DC (4 to 5 hours):
  - a. Waterfront Revitalization and Commuter Ferries
  - b. King Street/Old Town: Our Past and Our Future
  - c. Discover the Rosslyn-Ballston Corridor

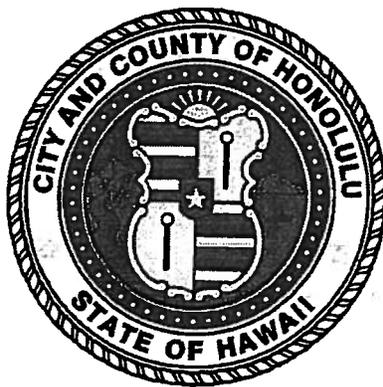
2. Seminar-type Workshops:
  - a. Planning Beyond the Station Box
  - b. Today's Market: A Realistic Picture
  - c. New Rail-Volutionaries: Advancing the Movement-Together
  - d. Diverse Planning Partnerships: Controlling the Outcomes
  
3. Ideas/Concepts Stimulated
  - a. **Shared** Community Vision: Connect objectives of Technical Consultants to Community Vision/Input
  - b. Create Healthier Communities: Walking, Jogging, Art, Natural Landscapes. Example: Pearl Harbor Historic Trail
    - i. Create Sense of Place
    - ii. Gathering Place for Hawaii's Residents
    - iii. Makai Landing of Pearl Train Station
  - c. Preserve Historical Places of Value
  - d. Build Densities without provision for cars. Example: Federal Department of Transportation building near the DC waterfront with 7,000 employees and accommodation for 700 cars
  - e. Balance : Efficient Movement of People vs. Preservation of the Environment for Users, Pedestrians and Residents . Old Town-King Street in Arlington, VA
  - f. Use of Different forms of Transit, as appropriate. Old Town-King Street
    - i. Metro: 1 anchor
    - ii. Water taxi: 1 anchor
    - iii. Trolleys
  - g. Plan for TOD up front
    - i. BART
    - ii. Vancouver BC

C. Opportunity to Share Ideas with Hawaii Participants

- a. City Council Members
  - i. Ernie Martin, Council Chair
  - ii. Breene Harimoto, Chair of Transportation and Transit Planning Committee
  - iii. Ann Kobayashi, Chair of Budget Committee
  - iv. Ikaika Anderson, Chair of Planning and Permitting
  - v. Romy Cachola

- b. HCDA
- c. Kamehameha Schools
- d. OHA
- e. Kyo-ya
- f. PRP

D. Very Positive Energy among Hawaii Participants. Local Chapter.



**HART**  
HONOLULU AUTHORITY - RAPID TRANSPORTATION

**Honolulu City Council  
Ernie Martin, Chair  
Breene Harimoto, Chair  
Transportation & Transit Planning Committee**

**Honolulu Authority for Rapid Transit  
Ivan Lui-Kwan, Vice Chair  
Keslie Hui**

**Washington, DC Meetings**

**October 17, 2011**

**Meetings for  
Honolulu City Council Members  
Ernie Martin, Chair  
Breene Harimoto, Chair – Transportation & Transit Planning Committee**

**Honolulu Authority for Rapid Transit Members  
Ivan Lui-Kwan, Vice Chair  
Keslie Hui  
Washington, DC  
October 17, 2011**

<b>Time</b>	<b>Monday, October 17, 2011</b>
Noon	Pick up at Washington Marriot Wardman Park 2660 Woodley Road, NW Washington, DC 20008 (202)328-2000
1:30 pm	Meeting with Helena Zyblikewycz Professional Staff Member House Transportation & Infrastructure Highways & Transit Subcommittee B-375 Rayburn House Office Building Washington, DC 20003 (202) 225-9989
2:30 pm	Meeting with Alex Keenan Staff Director Senate Transportation & HUD Appropriations Subcommittee SD-142 Dirksen Senate Office Building Washington, DC 20002 (202) 224-7281
3:30 pm	Meeting with Sen. Daniel K. Inouye S-128 U.S. Capitol Washington, DC 20210 (202) 224-3934

**Helena Zyblikewycz**  
**Professional Staff Member**  
**House Transportation and Infrastructure Committee**  
**Subcommittee on Highways and Transit**

Helena Zyblikewycz joined the House Transportation and Infrastructure's Subcommittee on Highways and Transit in February 2007. In that role, she has worked mostly on federal highway issues, but this year she has taken on the transit portion of the Subcommittee's jurisdiction.

Prior to joining the House T&I Committee, Helena worked for three years at the Transportation Trades Department at the AFL – CIO. Helena is a graduate of the London School of Economics, Georgetown University and the University of California at Berkeley where she earned her Masters.

**Alex Keenan**  
**Staff Director, Senate Appropriations**  
**Subcommittee on Transportation and Housing and Urban Development**

Alex Keenan has been the Staff Director of the Senate Transportation and Housing and Urban Development Appropriations Subcommittee ("THUD"). Since June, 2009, prior to his appointment to the THUD Appropriations Subcommittee Staff, Mr. Keenan was the Chief Financial Officer at US Immigration and Customs Enforcement at the Department of Homeland Security. Mr. Keenan has also been the Budget Director at the Federal Aviation Administration and a Senior Analyst in the Office of Management and Budget.

Mr. Keenan attended the University of California at Santa Barbara and received his M.A. in International Affairs from Columbia University.

Coti-Lynne Haia

## Dan Inouye U.S. Senator for Hawaii

Daniel K. Inouye, the most senior member of the U.S. Senate and the President Pro-Tempore, is known for his distinguished record as a legislative leader, and as a World War II combat veteran with the 442nd Regimental Combat Team, who earned the nation's highest award for military valor, the Medal of Honor.



Although he was thrust into the limelight in the 1970s as a member of the Watergate Committee and in 1987 as Chairman of the Iran-Contra Committee, he has also made his mark as a respected legislator able to work in a bipartisan fashion to enact meaningful legislation.

As Chairman of the Senate Appropriations Committee and of the Senate Defense Appropriations Subcommittee, Senator Inouye has been able to focus on defense matters that strengthen national security, and enhance the quality of life for military personnel and their families. This reflects his hope for a more secure world, and his desire to provide the best possible assistance to the men and women who put their lives at risk to protect the United States.

In addition, he is the Ranking Democrat on the Commerce, Science & Transportation Committee and the Indian Affairs Committee and sits on the Rules Committee. He helped establish the Inter-parliamentary Exchange Program between the U.S. Senate and Japan's legislature, and in 2000 the Government of Japan presented him with the Grand Cordon of the Order of the Rising Sun.

Early in his tenure in the Senate, Senator Inouye delivered the keynote address at the 1968 Democratic National Convention, and was under consideration to become Hubert Humphrey's vice-presidential running mate that same year. He became the first Chairman of the Senate Select Committee on Intelligence in 1976, served as the third-ranking leader among Senate Democrats as Secretary of the Democratic Conference from January 1979 through 1988. He chaired the Senate Democratic Central America Study Group to assess U.S. policy and served as Senior Counselor to the National Bipartisan Commission on Central America (also known as the Kissinger Commission).

Senator Inouye has championed the interest of Hawaii's people throughout his career. With his support, Hawaii's infrastructure has been strengthened, its economy diversified, and its natural resources protected and restored. For local residents, particularly Native Hawaiians, whose history and welcoming culture give the state its defining characteristics, Senator Inouye has increased job training and employment opportunities, provided more community healthcare, and provided support services and research to help small businesses and diverse sectors, from agriculture to high technology.

His imprint is seen on all of the state's islands through initiatives such as Honolulu and Neighbor Island bus service, steady construction jobs in support of military infrastructure, the diversification of agriculture, the birth of the Kauai High Technology Center and the rise of the Pacific Missile Range Facility, the launch of the Maui supercomputer, the expansion of national parks and wildlife refuges in Hawaii, and the protection of Hawaiian monk seals, sea turtles, the alala (Hawaiian crow), the nene goose and coral reefs.

Senator Inouye got his start in politics in 1954 when he was elected to the Territorial House of Representatives; soon after his election, his Democratic colleagues, well aware of Inouye's leadership abilities, selected him as their Majority Leader. In 1958 he was elected to the Territorial Senate. When Hawaii became a state in 1959, he was elected the first Congressman from the new state, and was re-elected to a full term in 1960. He was first elected to the U.S. Senate in 1962 and is now serving his ninth consecutive term.

On May 24, 2008, Senator Inouye married Irene Hirano, who is President of the U.S.-Japan Council. He was married for nearly 57 years to Margaret Awamura Inouye, a former instructor at the University of Hawaii, who passed away on March 13, 2006. He has a son, Ken, who is married to Jessica Carroll from Rochester, New York, and a granddaughter Mary Margaret "Maggie" Inouye.

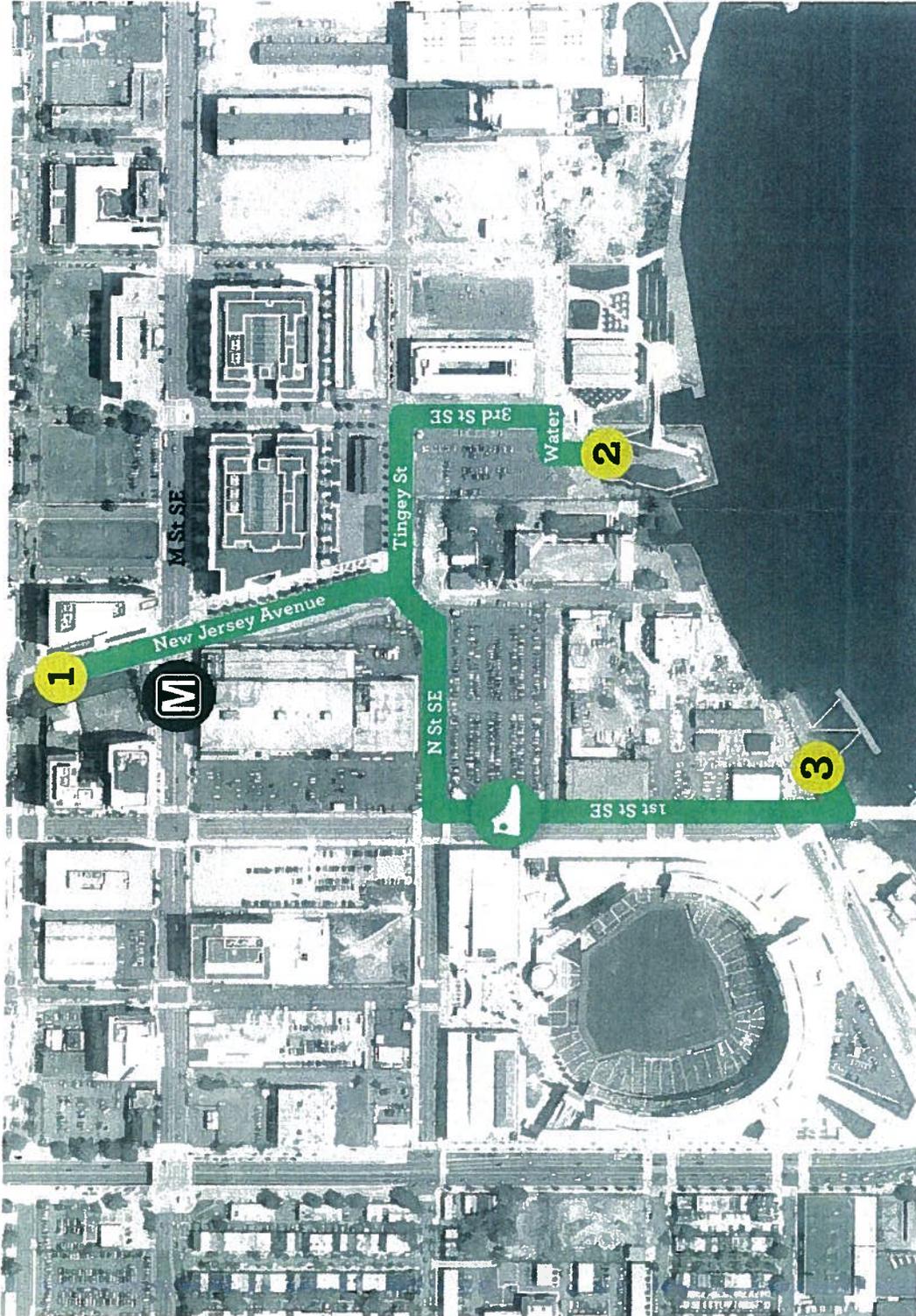


*Mahalo nui loa  
for visiting our U.S. Capitol  
and the U.S. Senate.  
E kipa mai hou!*

*Aloha pumehana,  
Daniel K. Akaka  
U.S. Senator, Hawaii*

# Waterfront Revitalization and Commuter Ferries Part 1 (Navy Yard)

Start 8:30am  
End 2:30pm



- 1 Navy Yard Metro,  
New Jersey Ave Exit
- 2 Yards Park
- 3 Diamond Teague Park

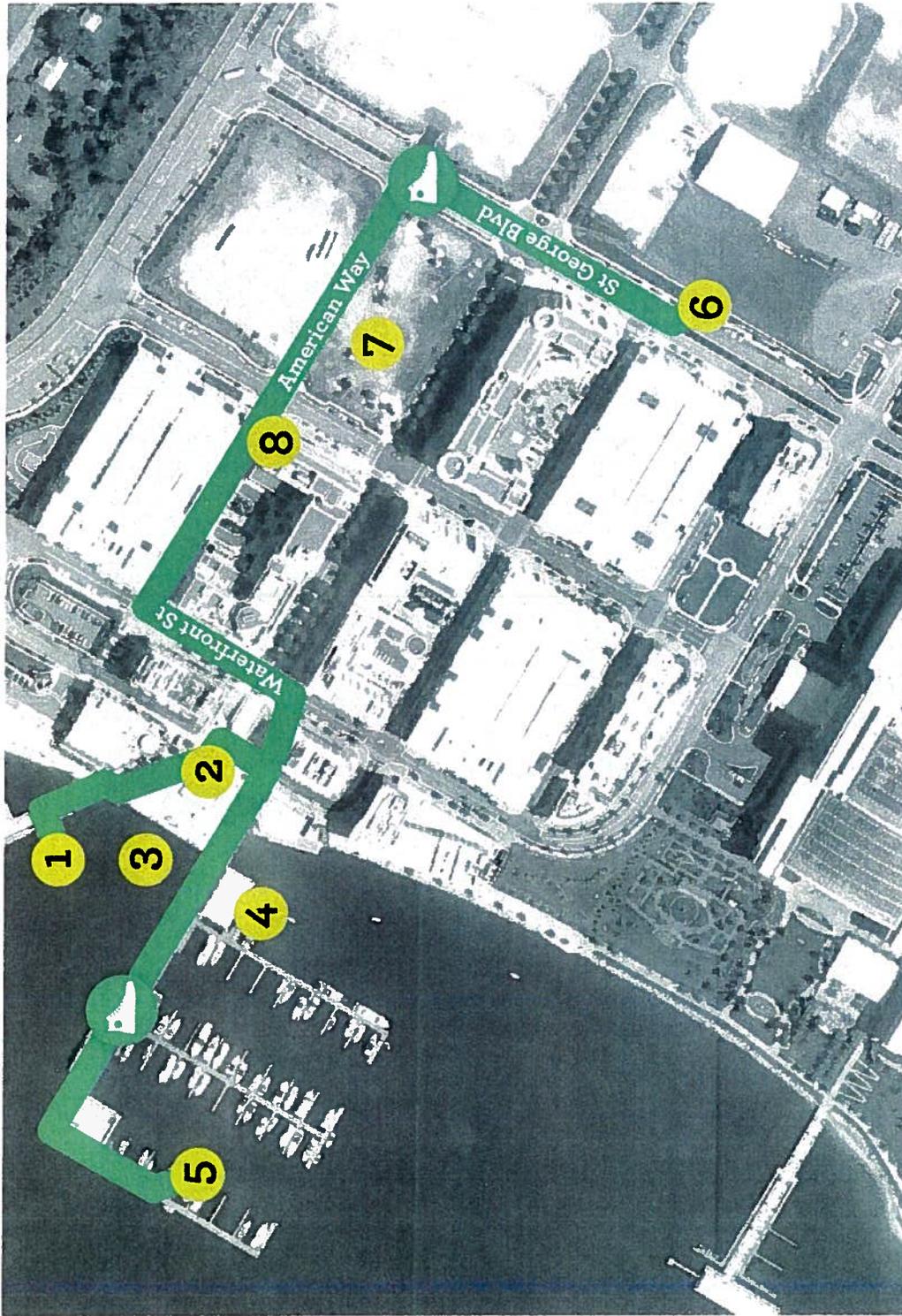


Exhibit B

# Waterfront Revitalization Part 2 (National Harbor)

Start 8:30am  
End 2:30pm

- 1 Water Taxis, Lunch & Dinner Cruises
- 2 Plaza Entertainment
- 3 The Awakening
- 4 Canoe, Kayak, Sailboat & Electric Boat Rental
- 5 Marina
- 6 Gaylord Pavillion
- 7 Calleva Ropes Course
- 8 On Board Bus Tours

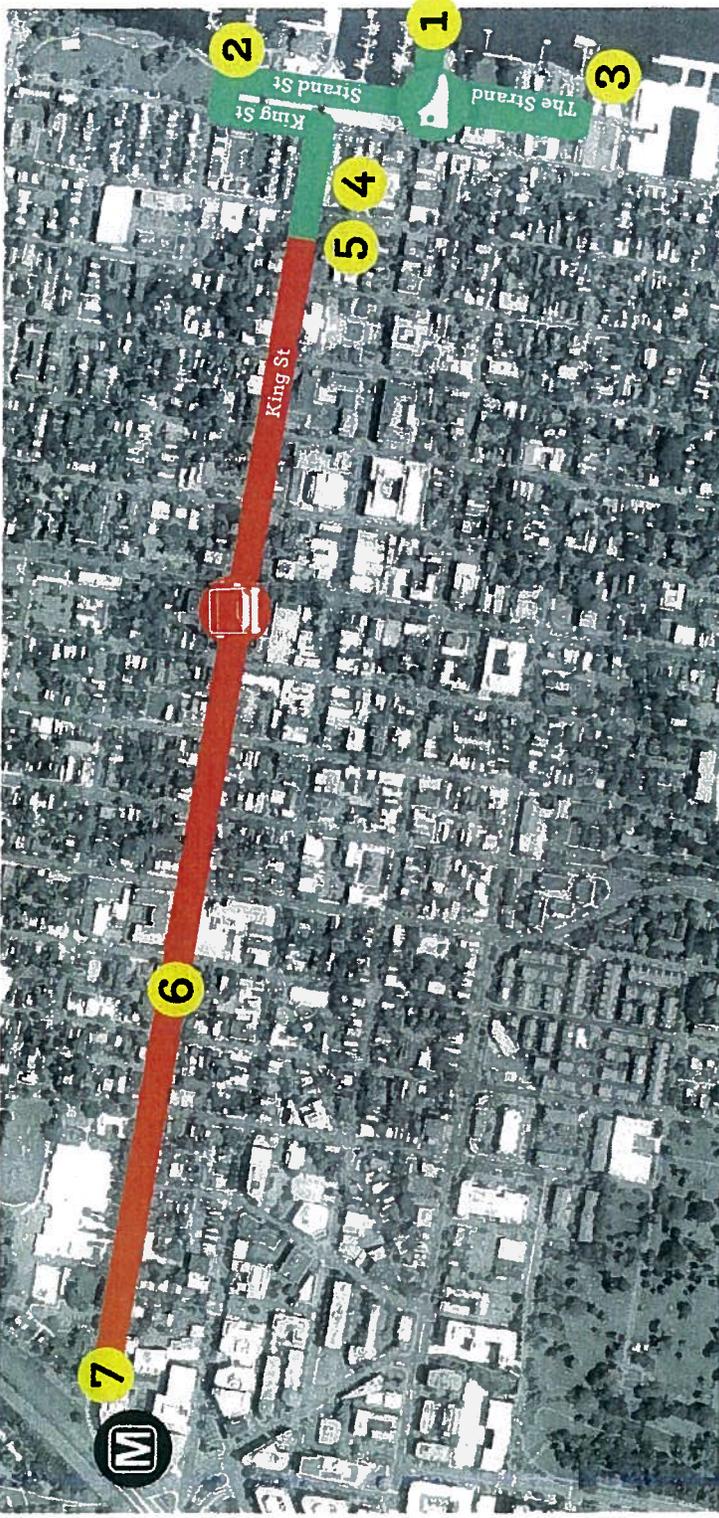


- Metrorail
- Bus
- Walk
- Bike

# Waterfront Revitalization Part 3 (Alexandria)

Start 8:30am  
End 2:30pm

- 1 Alexandria City Marina/  
Torpedo Factory
- 2 Waterfront North  
redevelopment sites
- 3 Waterfront South  
redevelopment sites
- 4 Lower King Street
- 5 City Hall/Market Square
- 6 Upper King Street/  
Metro Station
- 7 King Street Metro



- Metrorail
- Bus
- Walk
- Bike

## Waterfront Revitalization Tour Length: 6 hours

- 8:30** Pick up delegation at Washington Marriott Wardman Park Hotel, Walk to the Woodley Park Metro Station to catch metro.
- 8:55** Arrive at Navy Yard Metro Station, New Jersey Ave Exit
- 9:00 - 9:50** Walking tour of Capitol Riverfront  
The tour will highlight development, partnerships, and strategies of the Capitol Riverfront planning and development. The neighborhood has seen over \$1 billion in public investment that has leveraged over \$2 billion of private sector investment. Once the industrial back yard, Washington's Capitol Riverfront neighborhood is today a new mixed-use community and riverfront destination that includes Nationals Ballpark, the US Department of Transportation, 6 million SF of office, 3,400 residents, and the 5.5 acre Yards Park
- 9:55 - 11:15** Board Potomac Riverboat Co Ferry and disembark at National Harbor. During the trip, there will be a presentation and discussion on the value of the commuter ferry to the region including as far south as Quantico, Virginia
- 11:20 - 12:05** Walking tour of National Harbor  
National Harbor is a 300-acre waterfront destination in Maryland that opened in the spring of 2008. Set along a prime spot on the Potomac River, National Harbor, a \$2.1 billion mixed-use community built by the Peterson Companies, includes hotels, restaurants, retail stores, condominiums, a full-service marina, a convention center, and commercial office space
- 12:10 - 12:40** Lunch break at National Harbor with time for discussion of waterfront development and the region's commuter ferries initiatives
- 12:45 - 1:10** Board Potomac Riverboat Co Water Taxi and disembark at Old Town Alexandria
- 1:15 - 2:25** Walking tour of Old Town Alexandria  
Old Town Alexandria is a historic waterfront in Virginia just on the other side of the Potomac River from Washington. Dating back to 1749, Alexandria's riverfront was an important colonial port during the colonial, revolutionary and Civil War periods. Today Old Town Alexandria is a vibrant waterfront community with cobblestone streets, colonial houses, museums, shops and restaurants
- 2:30** Tour concludes.
- Attendees are welcome to further explore Old Town Alexandria and then make their own way back to hotel via DASH or Old Town Trolley and Metro later in the afternoon.*



### Tour Leaders

**Josh Ghaffari**  
DC Office of Planning  
joshua.ghaffari@dc.gov  
443 995 0798

**Sandra Marks**  
Alexandria Department  
of Transportation and  
Environmental Services  
sandra.marks@alexandriava.gov

[ATTACHMENT B]

Transit Oriented Development Committee  
November 3, 2011

Travel Report Outline on Matters Relating to TOD :  
Rail-Volution 2011 and Denver TOD Site Visit  
October 16 – 20, 2011

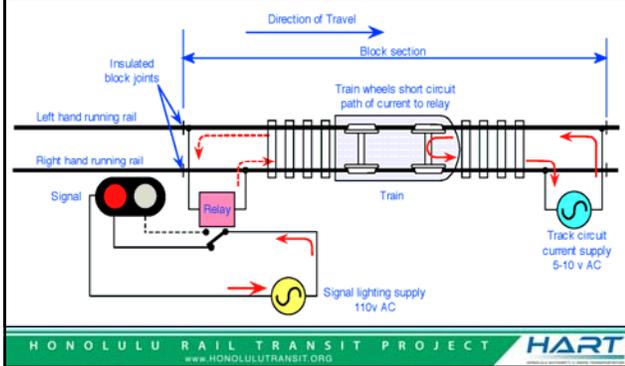
1. Significant Site Visits:
  - a. Rail-Volution: Discover the Rosslyn Ballston Corridor
    - i. 5 Stations / Urban Villages:
      1. Ballston
      2. Virginia Square
      3. Clarendon
      4. Court House
      5. Rosslyn
  - b. Denver TOD
    - i. Union Station
    - ii. Urban Land Conservancy
    - iii. Denver Housing Authority
    - iv. Redevelopment of Gates Rubber Company
2. Multiple Approaches to Successfully Facilitating TOD
  - a. Creating Leverage: The Development Plan Overlay
    - i. No change to existing zoning
    - ii. Direct negotiation of development plans via variances
    - iii. Requires clear public sector vision, and a lot of determination and patience
      1. Land ownership churn and consolidation
      2. Transit in place
  - b. Land Control: Station Area Redevelopment
    - i. Public control and contribution of land
    - ii. Competitive bid process – Developer driven vision
    - iii. Private sector supports development of public facilities
    - iv. Requires significant public investment
      1. Acquisition of lands for development
  - c. Supplemental Tool: Public Financing
    - i. TIFF/CFDs/Grants etc.
    - ii. Does not drive development, but can help make it more feasible

### 3. Success Factors

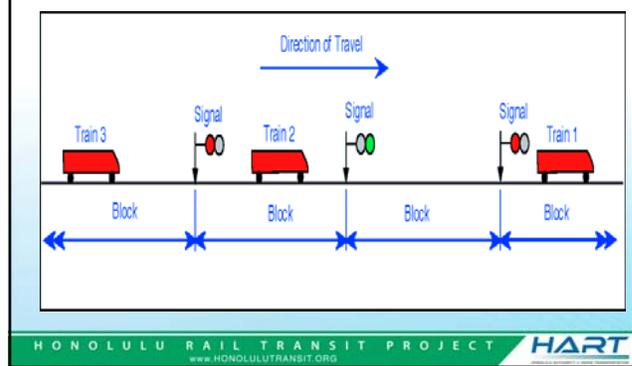
- a. Economic Feasibility
  - i. Demand and Market Values
  - ii. Land Cost
  - iii. Materials Cost
  - iv. Labor Cost
  - v. Professional Services Cost
  - vi. Financing Cost
  
- b. Economic growth
  - i. Job creation around TOD
  - ii. Economic efficiency and affordable housing
    - 1. Parking ratios
    - 2. Multi-modal transit
    - 3. Car- and Bike-share
  
- c. Public/Private Collaboration
  - i. Direct negotiation
  - ii. Partnerships
  
- d. Address Policy Issues Early
  - i. Public Sector Roles and Responsibilities
  - ii. Vision for Development
  - iii. Approach to Facilitating TOD
  - iv. Providing Appropriate Tools

[ATTACHMENT C]

## TRAIN CONTROL SYSTEM



## TRAIN CONTROL SYSTEM



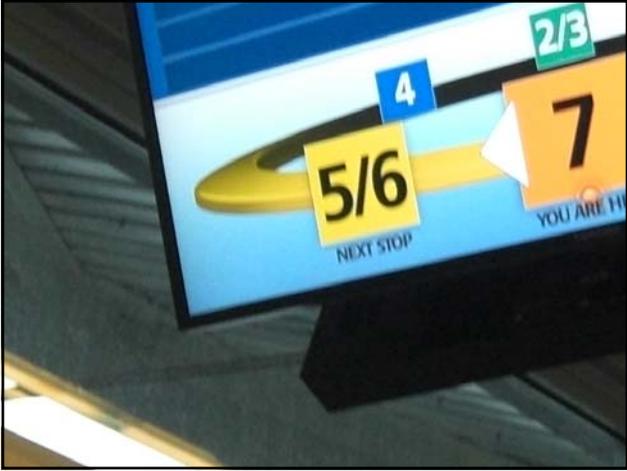
## Vehicle Schedule

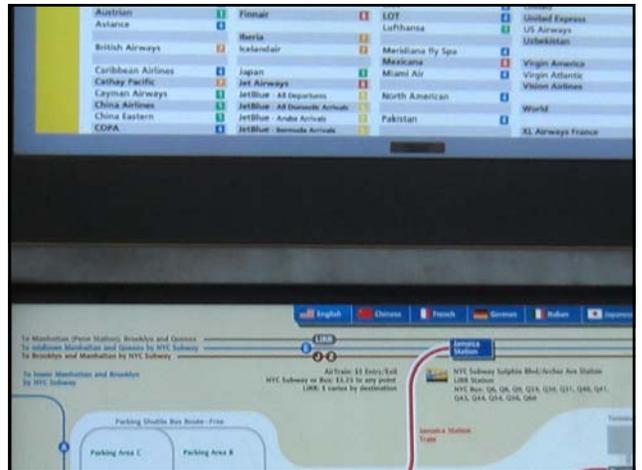
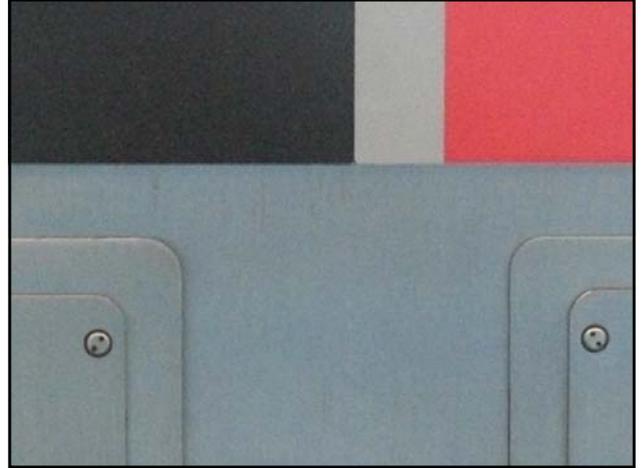
YEAR	2012	2013	2014	2015	2016	2017	2018	2019
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3
MONTHS FROM N.T.P.	1 4 7 10 13 16 19 22 25 28 31 34 37 40 43 46 49 52 55 58 61 64 67 70 73 76 79 82 85 88 91							
<b>DESIGN PHASE</b>								
DESIGN								
<b>PRODUCTION PHASE</b>								
CARBODIES STRUCTURE ASSEMBLY ITALY								
TRUCKS ASSEMBLY USA								
TRACTION SYSTEM ASSEMBLY USA								
CARBODY SYSTEM & LINING ASSEMBLY USA								
TRAIN FACTORY TESTS USA								
TRAINS SHIPMENT TO HONOLULU SITE								
<b>ON SITE PHASE</b>								
READY FOR OPERATION								
TPSS ELECTRIFIED AND READY FOR OPERATION								
<b>REVENUE OPERATIONAL DATE</b>								
MONTHS FROM N.T.P.	1 4 7 10 13 16 19 22 25 28 31 34 37 40 43 46 49 52 55 58 61 64 67 70 73 76 79 82 85 88 91							
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3
YEAR	2012	2013	2014	2015	2016	2017	2018	2019

Blue horizontal bars indicate the duration of various phases. Red diamonds mark specific milestones. Red text highlights '16 vehicles' in 2015 and '64 vehicles' in 2017.













, CA	American Airlines	019	10:30A
, CA	QANTAS	3098	10:30A
, CA	jetBlue	0673	11:25A
, CA	UNITED	326	11:30A
	Mexico	5279	9:15A
	DELTA	481	9:15A
	American Airlines	647	10:00A
	Southwest	8171	10:00A
	DELTA	1771	10:45A

Tuesday, May 17 2011 9:07a



[ATTACHMENT D]

**Honolulu Authority for Rapid Transportation  
Interim Executive Director & CEO's Report  
November 3, 2011**

**Construction Activities**

- HART received final approval of the Archaeological Inventory Survey Plan (AISP) for Phase 4 (City Center) from the State Historic Preservation Division (SHPD) and trenching work has begun. Due to restrictions associated with APEC and the upcoming holiday season, we are currently conducting our trenching work on private parcels, which will not require lane closures. We are also waiting for our Noise Variance approval. Our goal is to complete this AIS work within the required time frame, and balance that with an effective public outreach effort to reduce the level of disruption for commuters, businesses and residents as much as possible.
- The relocation of the Board of Water Supply line along Kualakai Parkway (North South Road) in Kapolei has started and work will continue through APEC, as the work involves no lane closures and is off to the side of the street.
- The gas line relocation work along Farrington Highway is completed and the contractor is backfilling trenches. All tree relocation work is scheduled to be stopped from Oct. 31 through Nov. 20 due to APEC restrictions.

**General Update:**

- On Oct. 27, Councilman Tom Berg introduced Charter Amendment-Resolution 11-328, which would have prohibited HART from using steel-wheel on steel-rail technology. The resolution failed to pass first reading and was filed during the Nov. 2 City Council meeting in Kapolei.
- Some modifications to the proposed FY2013 Operating Budget will be needed. Details are still in progress, but there is the possibility of shifting and adding legal services costs. The modified budget proposal will be presented to the Board at the Nov. 17 meeting.
- HART project staff attended two TOD workshops conducted by the City's Department of Planning and Permitting. The areas under discussions were the Kalihi and Downtown transit stations. Both workshops were well attended and the communities involved were interested in the prospect of revitalization in their neighborhood that TOD could bring.
- The Right-of-Way team recently delivered offer letters to three property owners: Nuuanu Auto Co., Ltd.; Cody Properties; and Young, et al. These properties are located in the City Center Section of the project. Our acquisitions remain on track and we have been able to reach mutual agreements thus far with property owners.
- Mayor Peter Carlisle, Maeda Timson and I were on a HPR's Town Square radio forum on Oct. 27. The format of the hour-long session live radio program involved discussion among the attendees, and answering questions from callers. The drive-time slot of 5 to 6 p.m. provided a good opportunity to reach commuters.