

## An Update on the Honolulu High-Capacity Transit Corridor Project

**Aloha!** The Project takes a big step forward with the selection of the technology for our fixed guideway transit system.

Late last month, modern rail technology was rated the best technology for Honolulu by 4 of the 5 independent technology panelists.

"This is tremendous progress in our effort to provide Honolulu with viable, reliable transportation choices," said Mayor Mufi Hannemann. "I strongly believe that utilizing the experience and expertise of the transit experts on the panel means we'll get the very best technology for Honolulu and will be able to enter into the procurement process to buy transit vehicles at an extremely competitive price," the Mayor added.



London, England

Ron Tober, the Chair of the Independent Technology Selection Panel, said "This was a good process which ensured the selection of the right technology for Honolulu." Tober continued, "Through deliberation of the materials submitted with the knowledge gained through our collective years of experience, we are confident that Steel Wheel on Steel Rail will provide the best service for Honolulu for generations to come."

Here are some of the characteristics of the modern rail technology that made it the best choice for Honolulu:

### Reliable

Can support 2- to 3-minute arrival time between trains.  
Can provide 40-minute end-to-end travel time with 20-second dwell time at stations.

### Safe /Secure/Quiet

Closed circuit television system on board all vehicles.  
Passengers able to communicate with sys-



Vancouver, Canada

tem personnel.  
Emergency evacuation features, including emergency evacuation walkways available.  
Quieter than a city bus (see noise meter on page 2).

### Comfortable

Vehicles are air conditioned; with automated and manual announcement systems.  
Vehicle destination and internal passenger information displays are provided.  
Vehicles have level boarding at station platforms and are compliant with the Americans with Disabilities Act.  
It is a known technology that provides an outstanding quality of service.

### High Capacity

Can carry more than 9,000 passengers per hour in each direction.  
Each vehicle can carry between 80 to 185 passengers, depending on the seating arrangement and vehicle design selected.  
Additional vehicles can easily be added to increase capacity on the guideway.  
Inter-arrival times can be shortened to increase capacity.

### Robust Operation

Operation of the vehicles can be either fully automatic or manually controlled.  
Vehicles can operate bi-directionally, so they can move in either direction on the guideway.  
High level of reliability.  
Good long-term supply of spare parts and engineering support.

Mature, well-proven technology that has been in operation for decades. More recent examples include locations such as: Miami, New York's JFK Airport, Houston, San Diego, and Charlotte in the U.S. and Vancouver, Kuala Lumpur, Copenhagen, London, Shanghai and Manila internationally.

### Will Serve Honolulu for the Long Term

It can climb a 6% grade to serve current route and future extensions.  
Universal guideway technology which can be built and used by many vendors, which means we are not locked in to one specific vendor.



Miami, United States

### Green Features

Electric propulsion.  
Demand for electricity can be met by HECO's generating capacity.  
No overhead wires for power supply.

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# Honolulu On The Move

March 2008

## Contact Us

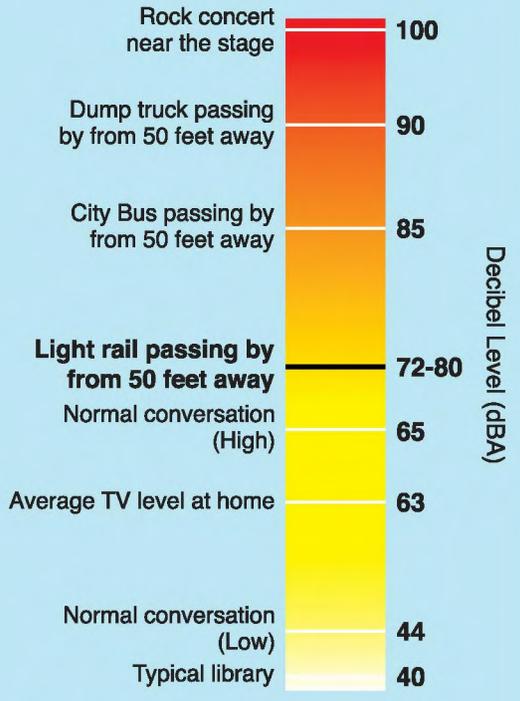
You can reach us by calling the project hotline at 566-2299 or by submitting your comments to [www.honolulustransit.org](http://www.honolulustransit.org).

Call or email us if you would like to receive an electronic version of this newsletter or would like to be removed from our mailing list.

## Hot Topic: NOISE

### Modern Rail Technology

Here's an idea of the noise you can expect from a modern rail transit system as measured in the A-weighted decibel (dBA) scale. This gives us a measure of how sensitive humans are to certain sounds. Here's where the rail stacks up...



Source: FTA and Sound Transit (Seattle, Washington)

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### Cost Effective

Largest number of potential suppliers; leading to high competition and low prices.  
 Best system for interchangeability of vehicles and / or sub-systems in future procurements.  
 Lowest long-term operational and maintenance costs.



Copenhagen, Denmark

## Keepin' It On Track

We are moving forward as scheduled for project development. We are now in the midst of completing the environmental impact analysis and preliminary engineering is already geared up. The New Starts funding request process has already been initiated with the Federal Transit Administration to prepare the project to be competitive for

federal funding. Project groundbreaking is scheduled for the end of 2009 and the first segment should be operational in late 2012.

Here's the detailed schedule for project development:

