

**Honolulu High-Capacity Transit  
Corridor Project**

Overview of Project

January 30, 2008

- Honolulu High-Capacity Transit  
Corridor Project**
- Decisions Made to Date
    - Choice of Mode – Fixed Guideway
    - Choice of Alignment
      - Initially – East Kapolei to Ala Moana Center
      - Ultimately – Kapolei to UH Mānoa and Waikīkī
  - Decisions Still to be Made
    - Fixed Guideway Vehicle Technology
    - Design Details

**Chronology**

July 2005	State's Enabling Legislation for Transit-Dedicated Tax
August 2005	City Ordinance enacted the Transit Tax (Ordinance 05-027)
August 2005	Alternatives Analysis Initiated
October 30, 2006	Alternatives Analysis Report submitted to City Council
November & December 2006	Public Hearings on the Alternatives Analysis

**Chronology (continued)**

December 22, 2006	City Council selects Fixed Guideway as Locally Preferred Alternative, including alignment for project
February 27, 2007	City Council selects First Project for Implementation, from East Kapolei to Ala Moana Center.
March 12, 2007	Notice of Intent to Prepare an EIS Issued
December 5, 2007	Vehicle technology RFI posted
January 24, 2008	Deadline for RFI submissions – 12 responses received

### Upcoming Milestones

- Feb 2008 - Select Fixed Guideway Technology
- Spring 2008 - Enter Preliminary Engineering
- Sept 2008 - Release DEIS
- Oct 2008 - Issue Procurement Documents for Phase 1 Design/Build
- Dec 2008 - Issue Procurement Documents for Transit Vehicles
- June 2009 - Release FEIS
- Oct 2009 - ROD and Issue NTP to Selected Design Build Contractor for Phase 1
- Feb 2010 - Issue Notice To Proceed for Transit Vehicles
- Summer 2010 - Enter Final Design for Phase 2
- Spring 2011 - Full Funding Grant Agreement

### What are the operating details?

- When will it run?
  - From 4 a.m. to midnight, every 3 to 10 minutes.
- How fast will it be?
  - 55+ mph top speed
- Will it be reliable?
  - Dedicated right-of-way and dedicated, bi-directional vehicles
- How much will a ride cost?
  - Same as TheBus and TheBoat, can use a transfer from one to the other

### What are the physical characteristics?

- Where is the guideway located?
  - Elevated, with columns in existing roadway medians
- How wide is the guideway?
  - < 30 feet between stations
  - At stations ~ 50 feet plus vertical circulation
- How many stations?
  - Approximately every mile
- How long are the stations?
  - Approximately 270 feet

### Capital Cost Breakdown

East Kapolei to Ala Moana Center, via Salt Lake Blvd. Project

Estimated Construction Cost	1,805
Design / Construction Contingency	480
<i>Subtotal</i>	<i>2,285</i>
Right-of-Way	70
Vehicles	230
"Soft" Costs	685
Project Reserve	200
<b>TOTAL</b>	<b>3,470</b>

Millions of 2006 Dollars

### Sources & Uses of Funds

East Kapolei to Ala Moana Center, via Salt Lake Blvd. Project

	Millions of 2006 Dollars	Millions of Year-of- Expenditure Dollars
Total Net GET Surcharge Revenues	3,020	4,055
FTA New Starts Funds	700	925
Total Revenues	3,720	4,980
Fixed Guideway Capital Costs	3,470	4,570
Net Interest Costs	250	410
Total Costs	3,720	4,980

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### Transit Technologies

- Must “fit” within the Fixed Guideway Alternative’s operating and physical characteristics
- Can include vehicles running on
  - Steel wheels
  - Rubber tires including Monorail
  - Magnetic levitation

### RFI and Technology Selection Panel

