

Construction Open House South Lake Union Streetcar

June 5, 2006



Seattle Department of Transportation

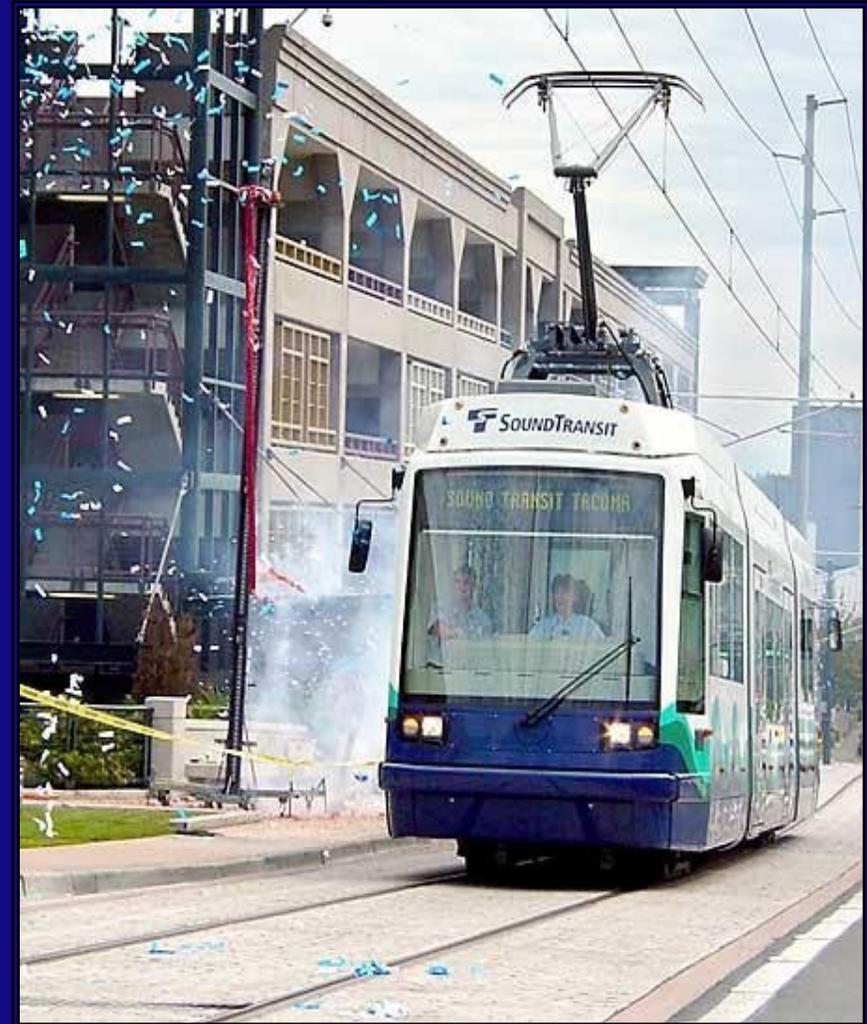
Agenda

- Update on project & work to date.
- Talk with you about Streetcar construction and timing.
- Give you an opportunity to ask questions and provide feedback.



Why a Streetcar

- Streetcars play two important and simultaneous roles for urban development
 - Provide Neighborhood Transit
 - Stimulate Economic Development



Key Features of Streetcar Line

- Connection to Regional Transit HUB at Westlake Center
- Provides transit access to region through LINK Light Rail and bus service.



Key Features of Streetcar Line

- Links Commercial Core & Denny Triangle to South Lake Union Park.



Key Features of Streetcar Line

- 1.3 miles in each direction
- 11 streetcar stop locations
- Estimated 330,000 to 380,000 riders at opening in 2007
- 1 million + riders per year as area develops



Modern Streetcar Vehicles

- **Bi-directional**
- **Low-floor for easy boarding**
- **66' long/8' wide**
- **140 passenger capacity**

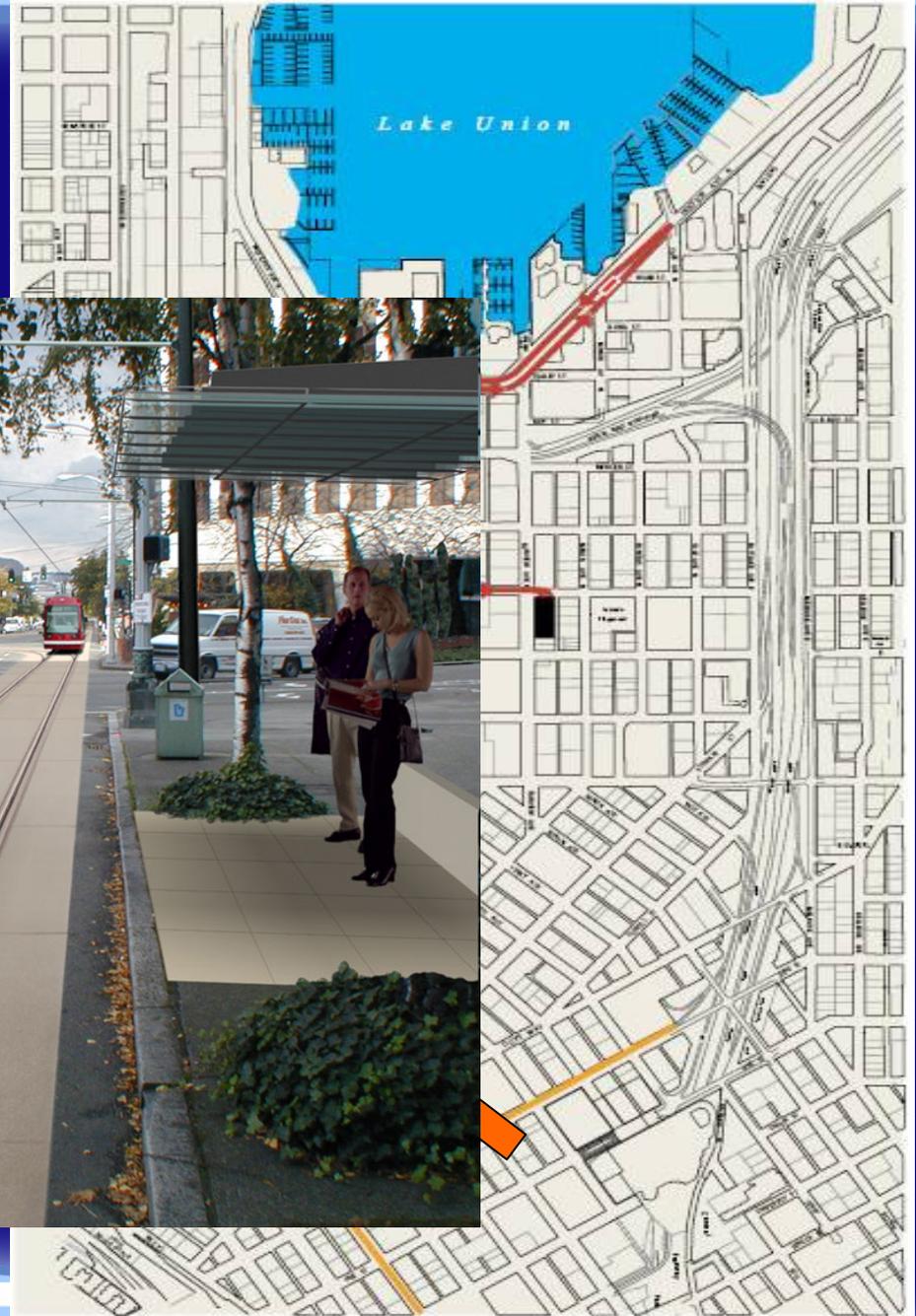


Modern Streetcar Vehicles

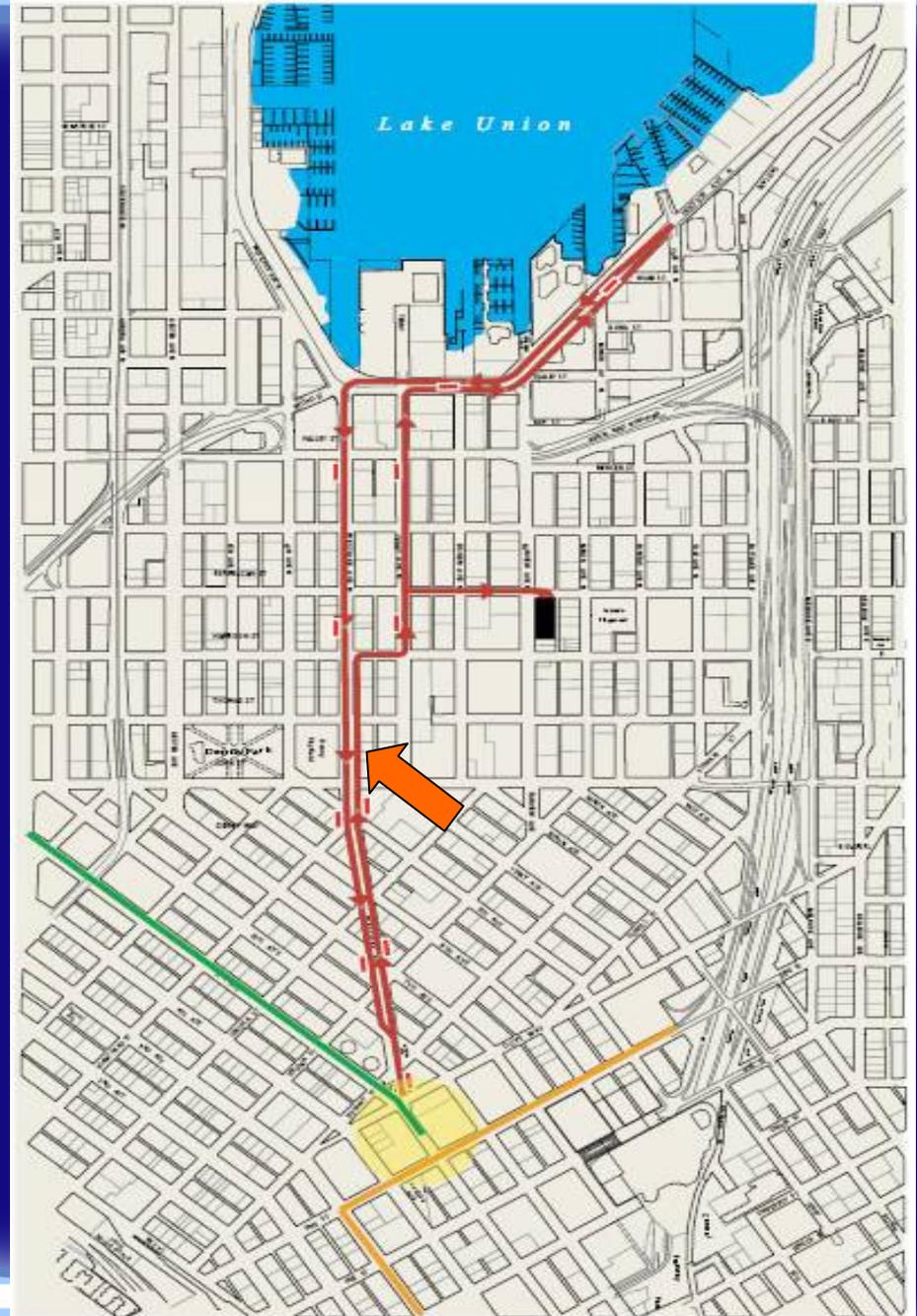
- City under contract to purchase three streetcar vehicles
- \$9.2 M
- Delivery scheduled for May through July 2007.



Alignment & Simulations



Alignment & Simulations



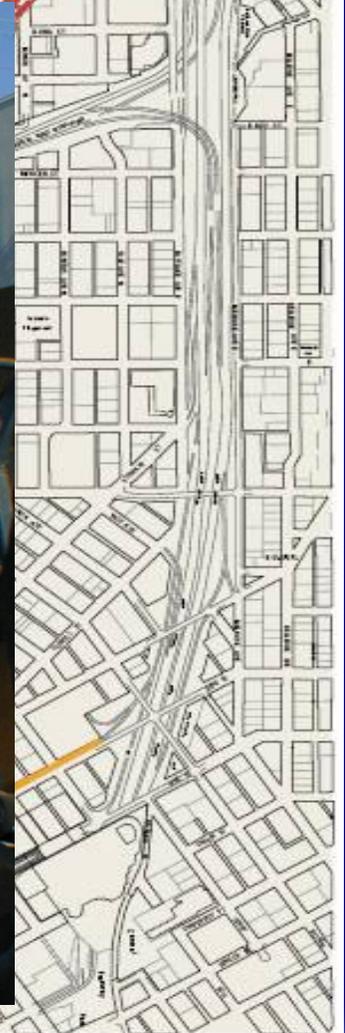
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Alignment & Simulations

Maintenance Facility

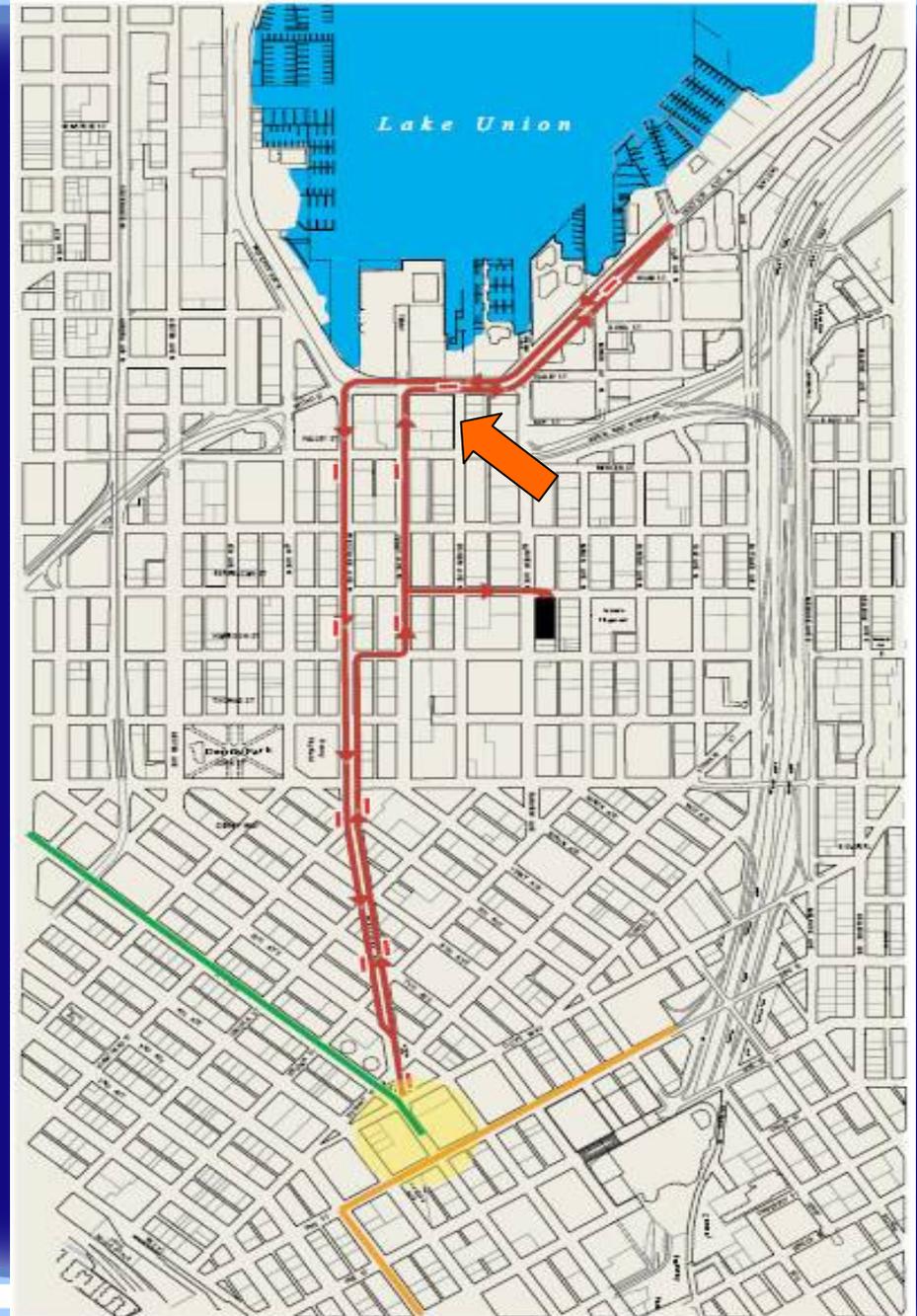


Alignment & Simulations



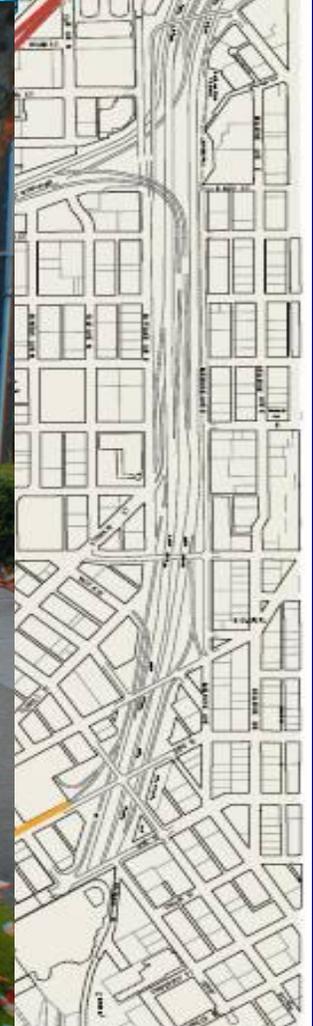
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Alignment & Simulations



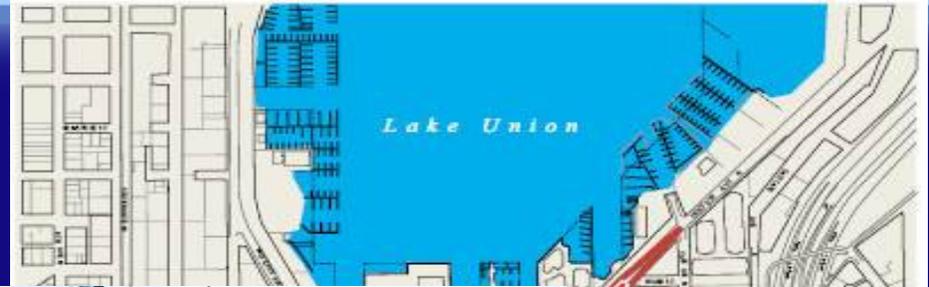
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Alignment & Simulations



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Project Costs

- Construction Cost: \$33.0 M
- Vehicles: \$ 9.2 M
- Design/Management/Admin. \$ 7.3 M
- Total \$49.5 M

- Betterments \$1.5 M

- Total Project Cost \$50.5 M



Operating Plan

Operating Plan Characteristic	Short Term 2007	Long Term Plan
Service Frequency (Time between vehicles)	15 minutes	10 minutes
Service Span (number of hours of operation per day)	15 hours	18 hours
Hours of Operation (approximate)	6 AM – 9 PM	5 AM – 11 PM
Vehicles Required in Service at One Time	2	3
Total Vehicles Required	3	5



Streetcar Construction

Stacy & Witbeck



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Experience and expertise – Stacy & Witbeck



- \$150 million per year company
- 120 salaried employees
- 90% of work is transit
- Introduced GCCM to transit industry
- Team experience



Typical Track Construction

- Step 1: Excavate Trackway Trench
- Step 2: Install Rebar & Rails



Typical Track Construction

- Step 3: Pour Concrete Track Slab
- Step 4: Paving & Striping

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Construction Timeline

- Underground Utilities Summer/Fall 06
- Track Construction Fall 06 – Spring 07
- Roadway Improvements Fall 06 – Summer 07
- Testing & Start-up Summer/Fall 07



Questions?



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