Agenda

• Study Purpose
• Brooklyn Streetcar History
• What is Streetcar?
• Streetcar Systems in Operation
• Study Area
• Goals
• Scope of Study
• Schedule
Study Purpose

- Determine the Feasibility of a Streetcar Linking Red Hook with Surrounding Areas.
Brooklyn Streetcar History

- First electric streetcar opened in 1893
- During its peak Brooklyn had 80 lines and 3000 streetcars
- Baseball team got nicknamed the “Brooklyn Trolley Dodgers”
- Last streetcar ran in 1956
What is a Streetcar?

- "Streetcar" refers to local public transportation using electric vehicles that run on rails.

- Streetcars typically run in shared traffic lanes, but can also run on a segregated right-of-way.
What is a Streetcar?

Light Rail Transit

Overhead Catenary Wire

Streetcar

Physical Separator

Operates in Mixed Traffic
Streetcar Vehicle Types

Heritage Streetcar
San Francisco, CA

Replica
Tampa Bay, FL

Modern
Seattle, WA

Emerging Technology
Nice, France
Streetcar Systems in Operation

Example Systems

Portland, OR  Seattle, WA  Philadelphia, PA
Streetcar System - Portland

- First modern streetcar system in the United States
- Service started in July, 2001
- Original route was a 4.8 mile loop which currently extends to 7.8 miles
- Estimated economic development impact - $3.5 billion
- Unique 12” shallow track construction minimized impact to abutting business owners
Streetcar System - Seattle

- Service started in December, 2007
- 2.6 mile route
- Area property owners contributed to 50% of the capital costs
- Project approval to completion in 2 years
- GPS trackers allow riders to know when the next streetcar will arrive
Streetcar System – Girard Avenue

• Started as horse car line in 1859

• Service ended in 1992 and restarted in September, 2005

• 8.5 mile route

• 25% of track line was rehabilitated

• 1947 PCC streetcars rebuilt and used for system
Red Hook / Brooklyn Streetcar Study Area

Legend
- Subway Station
- Bus Stop

Red Hook / Focus Area
Goals

- Identify potential alignments in Red Hook.
- Identify unit costs, and potential impacts (e.g. construction, utilities, traffic).
- Determine the feasibility of a streetcar in the focus area with connections to the larger study area.
Scope of Study

- Learn from experience of other streetcar systems
- Project transit demand in Red Hook
- Identify potential streetcar routes
- Estimate costs and identify issues for feasibility of streetcar
Schedule

October
- Existing Conditions & Case
- Study Report
- CAC Meeting

November
- Identify Potential Routes
- CAC Meeting

December
- Cost Estimating, Construction Issues and Alignment Evaluation

January
- Feasibility Evaluation
- Public Meeting

February
- Final Report
- CAC Meeting