CHARLOTTE.

Streetcar Starter Project

May 17, 2012

www.charlottefuture.com

Streetcar Starter Project

Agenda

- Charlotte Streetcar Project Overview (10-mile project)
- Streetcar Starter Project Overview (1.5-mile project)
- Proposed Shelters and Stops
  - Locations and Renderings
  - Art-in-Transit
- Construction Process
  - Schedule
  - Public Outreach/Business Outreach Plan
  - Construction Phasing
- Next Steps
- Questions

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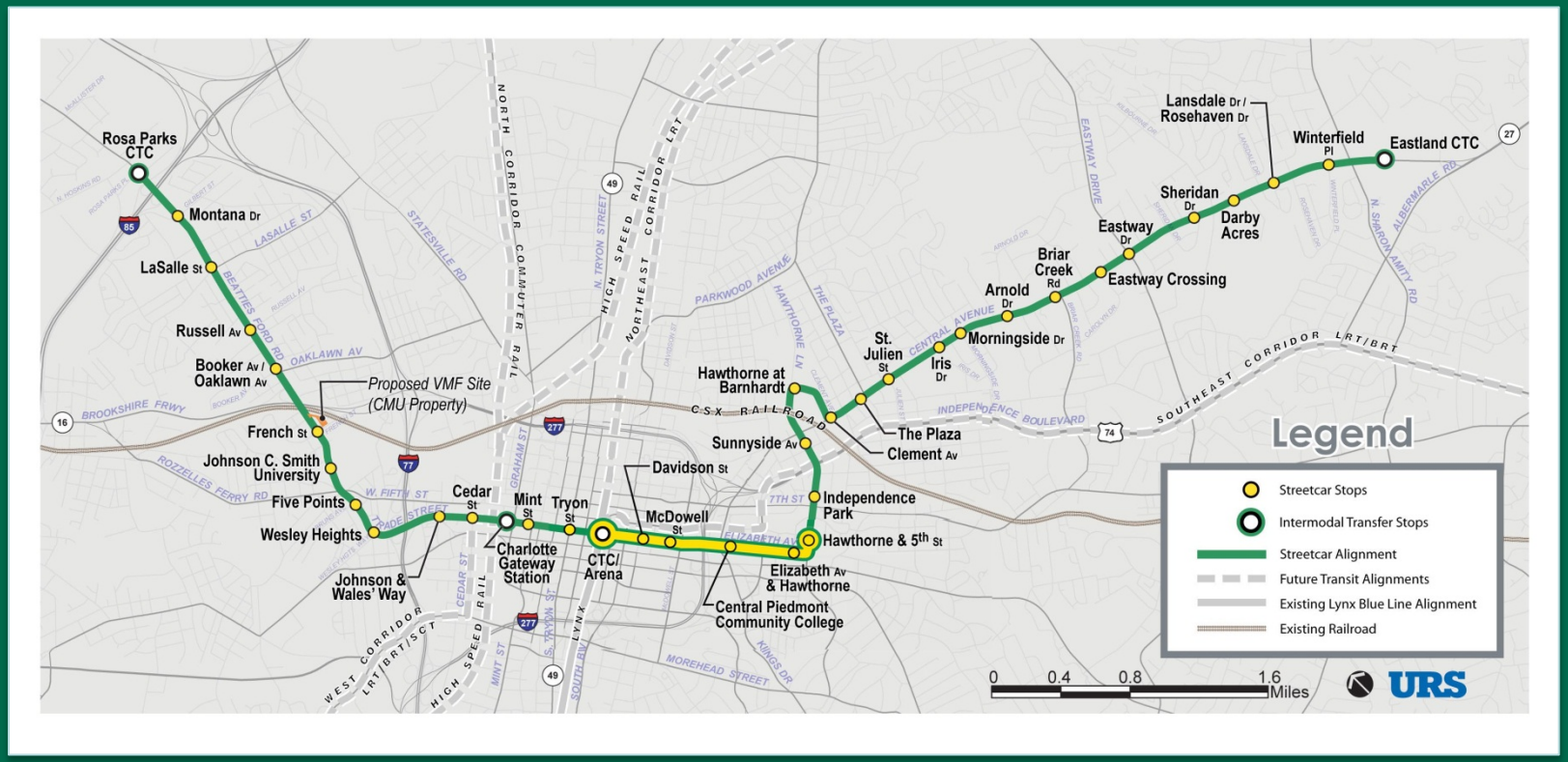
Charlotte Streetcar Project



- 10-mile Modern Streetcar Route
  - Rosa Parks Transit Center to Eastland Transit Center
- 37 Planned Stops
- NEPA process completed June, 2011 (Aug. 2010 - June 2011)

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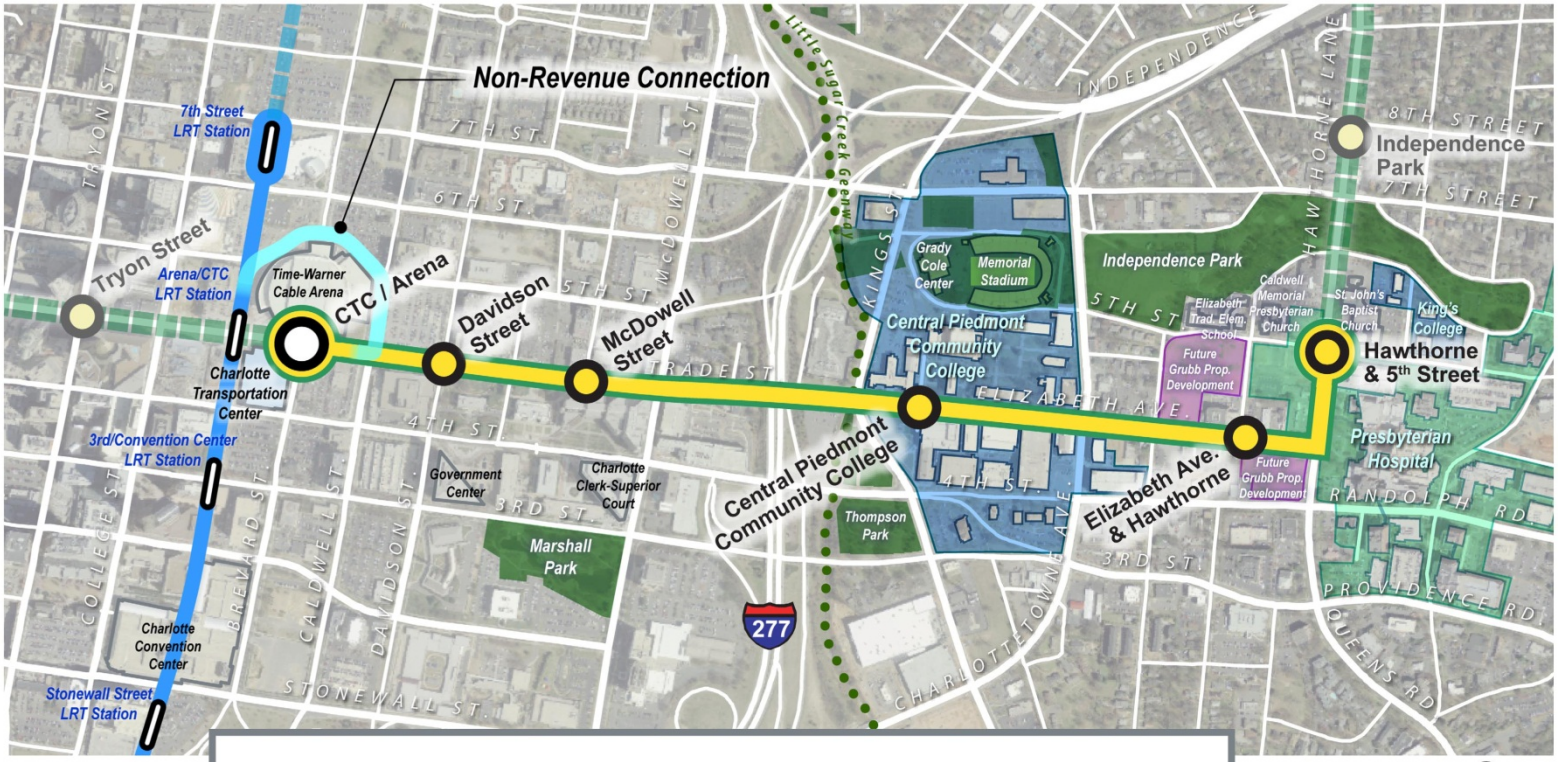
Presbyterian Hospital to Charlotte Transportation Center



Legend

- Streetcar Starter Project Alignment
- Future Streetcar Alignment
- Existing Lynx Light Rail Alignment
- Future Lynx Light Rail Alignment
- Non-Revenue Connection
- Streetcar Starter Project Stops
- Future Streetcar Stops
- Lynx Light Rail Stations
- Intermodal Connection (LRT/Streetcar/Bus)

0 200 400 800 FEET

URS

Streetcar Starter Project

Vehicle

- Gomaco Replica Trolley
- Requires overhead wire
- Uses lift mechanism for ADA compliance
- Will operate in traffic
- A modern streetcar vehicle will operate on the ultimate 10-mile alignment

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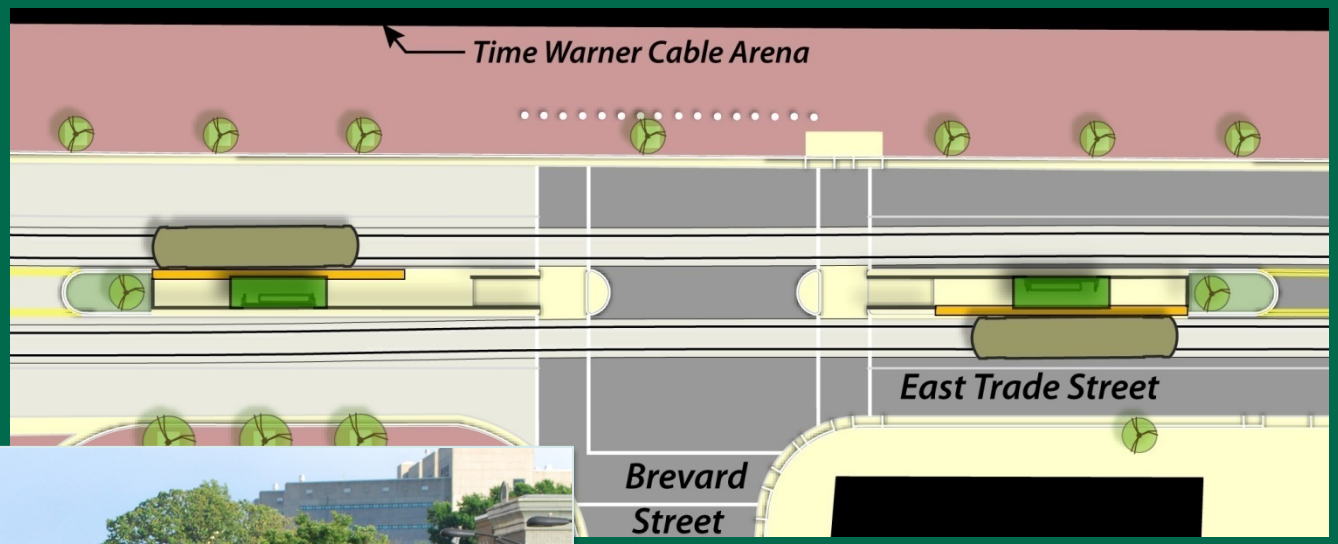
CTC / Arena

- Split Stop platforms



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Davidson Street

- Median platform

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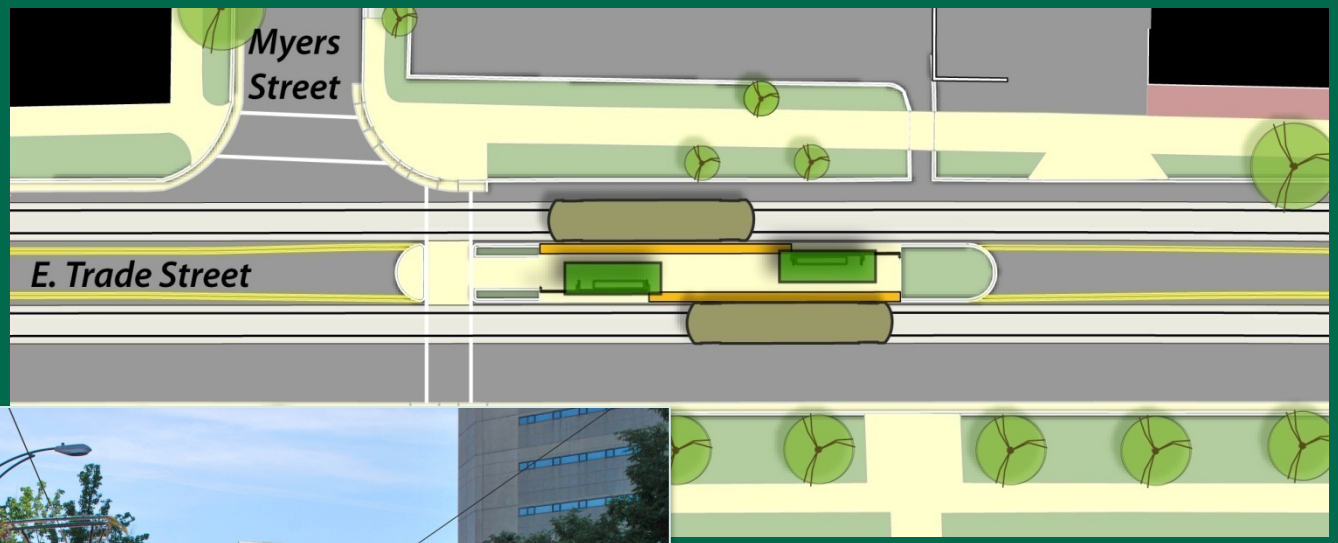
McDowell Street

- Median platform



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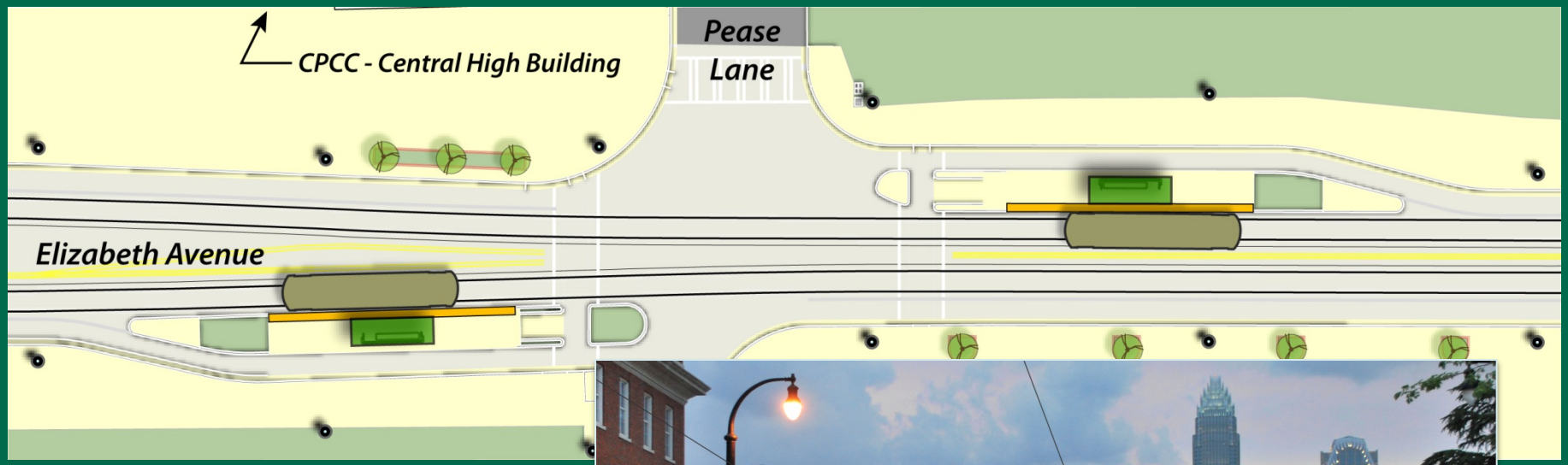

- Side platform with bike path

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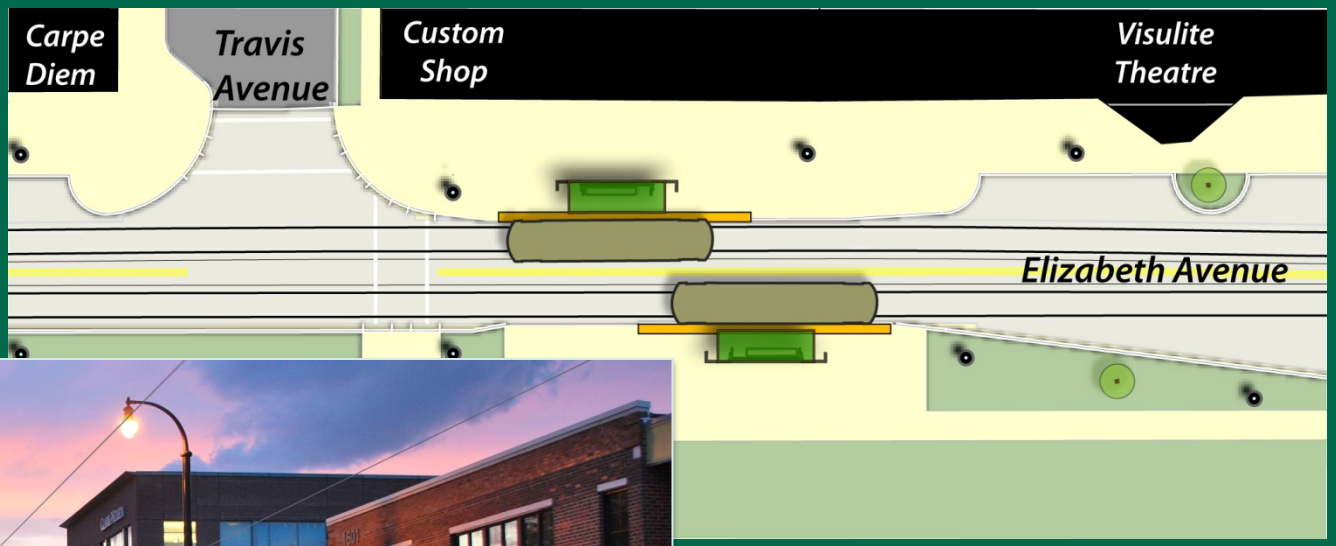
Elizabeth Ave & Hawthorne Ln

- Side Platforms



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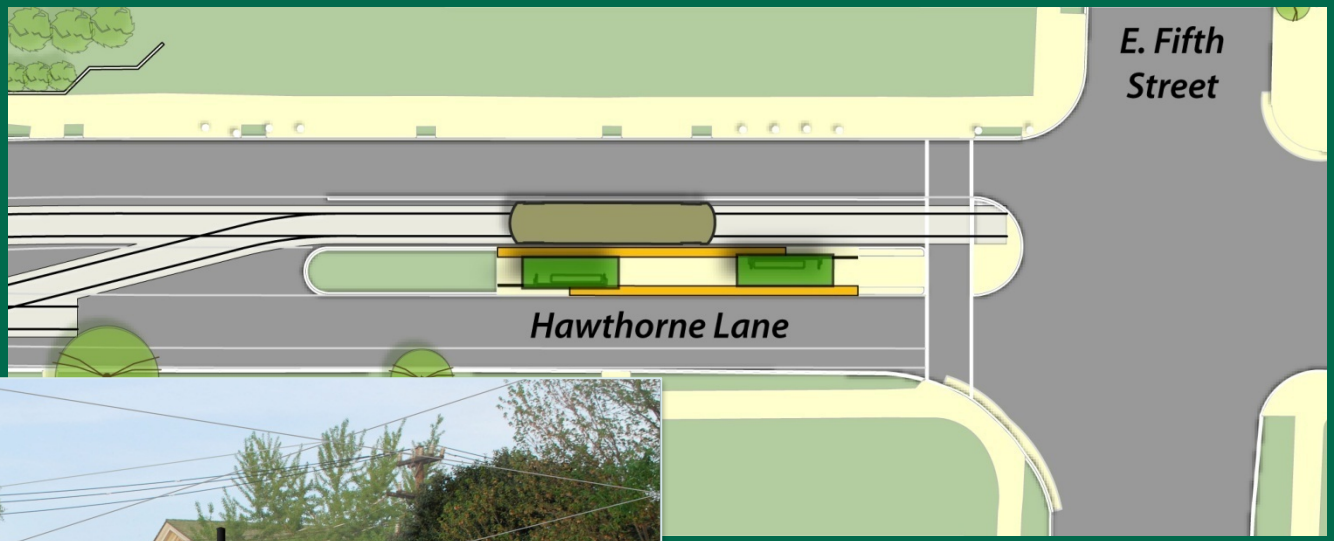
Hawthorne Lane & 5th Street

- Median Platform



Streetcar Starter Project

Art-in-Transit

- ASP
- Community
- Artist

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Streetcar Starter Project

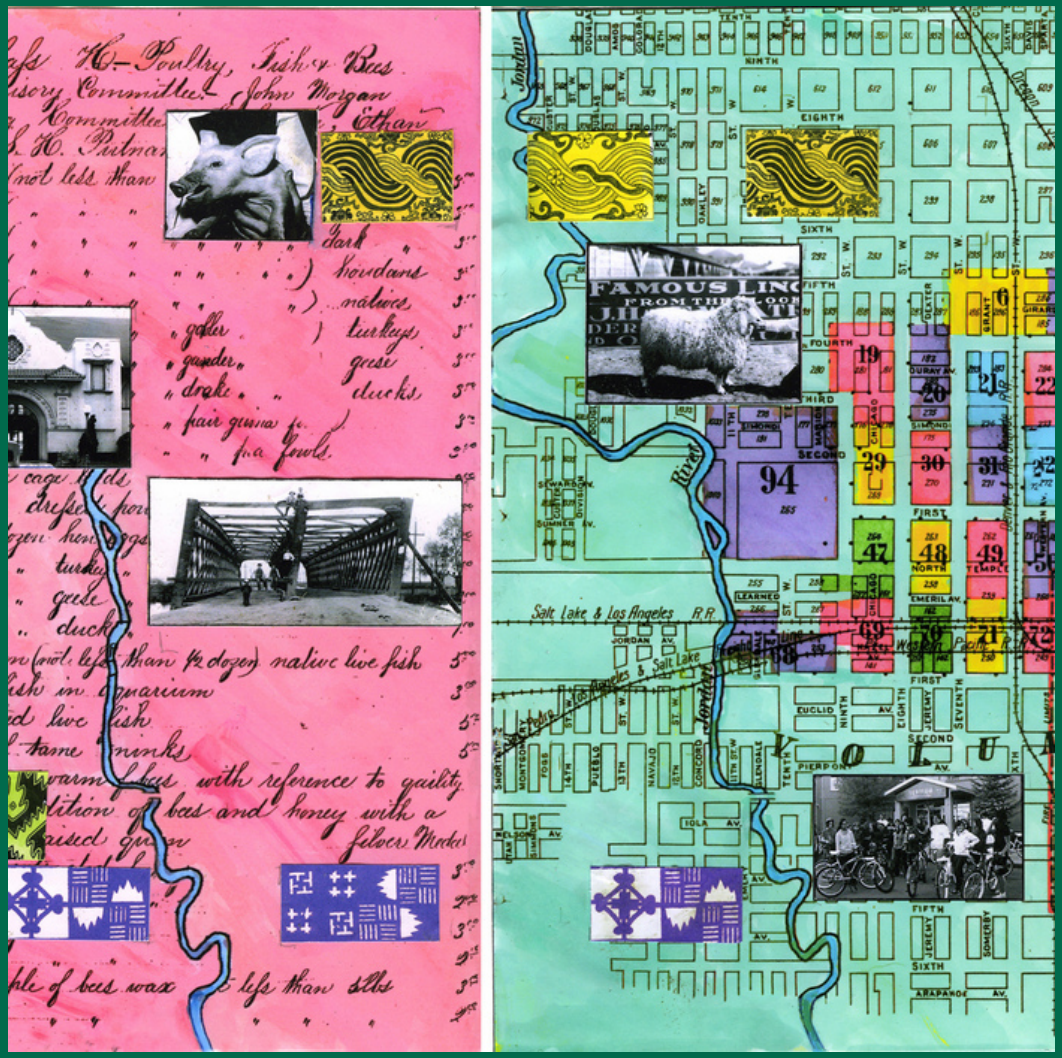
Artist: Nancy O'Neil

Fairpark TRAX Station rendering
Salt Lake City, Utah

Streetcar Starter Project

Artist:
Nancy O'Neil

Fairpark TRAX
Art Detail
Salt Lake City, Utah



Streetcar Starter Project

Proposed Schedule

- Notice to Proceed.....June 2011
- Public Involvement Meeting #1.....November 2011
- Complete 65% Design Plans .....March 2012
- Public Involvement Meeting #2.....May 2012
- Complete 100% Design Plans.....July 2012
- Utility Relocation Construction .....September 2012
- City Construction Open House.....Fall 2012
- Begin Construction .....December 2012
- Begin Systems Testing.....Fall 2014
- Begin Passenger Service.....March 2015

Public Outreach/Business Outreach Plan

Construction Phase Communications

- Business Liaison
- Business Roundtable
- www.charlottefuture.com
- Gov Delivery email or text message update system - CMail
- Public Information Session – open house
- Social media – Facebook and Twitter (@CharlotteNCgov)
- 311 Customer Service
- GOV Channel

Construction Phasing

Construction Phase 1

Utilities and Under Ground Systems Work

- Water line system
- Storm drainage system
- Sewer manhole construction
- Any Private utility work
- Demolition work

Construction Phasing

Construction Phase 2

Track Installation

- Track and slab
- Switches
- OCS pole foundations
- Sidewalks
- Street paving

Construction Phasing

Construction Phase 3

Stop Installation

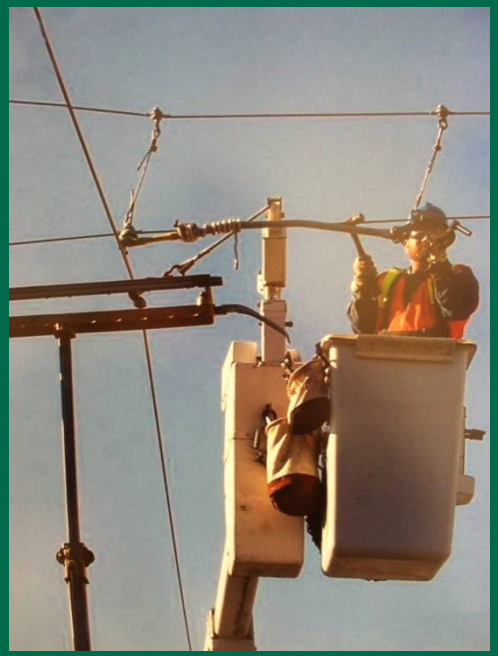
- Stop platforms

Construction Phasing

Construction Phase 4

Overhead Systems Installation

- TPSS
- OCS wires
- Traffic Signals



Construction Phase 5

Start Up and Testing

Next Steps

- **Complete real-estate acquisition**
- **Public Information Session in November 2012**
  - **Open House Format**
  - **Final Plans – Bid results**
  - **Construction (What to expect)**

Questions?