

Welcome!

KC Streetcar Public Meetings from 4 to 7 p.m.

Tuesday, May 15 Downtown Library

Wednesday, May 16 Steamboat Arabia

Thursday, May 17 Union Station

What You Can Do

Listen to short, identical presentations
at 4:30, 5:30, and 6:30 p.m.

Review the exhibits

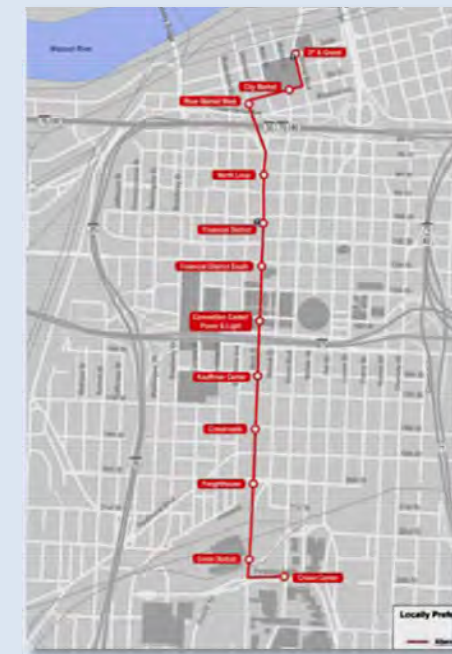
Ask questions

Tell us what you think!



**Please fill out a comment
card before you leave.**

What's Changed?



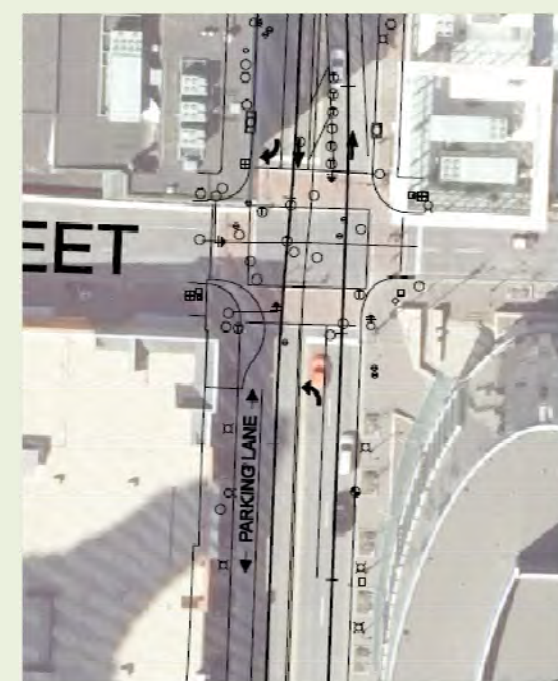
Main Street adopted as Locally Preferred Alternative by KCMO, MARC, KCATA



KCMO has submitted federal grant request for \$25 million



Transportation Development District (TDD) being put to public vote



Advanced Conceptual Engineering and environmental studies underway

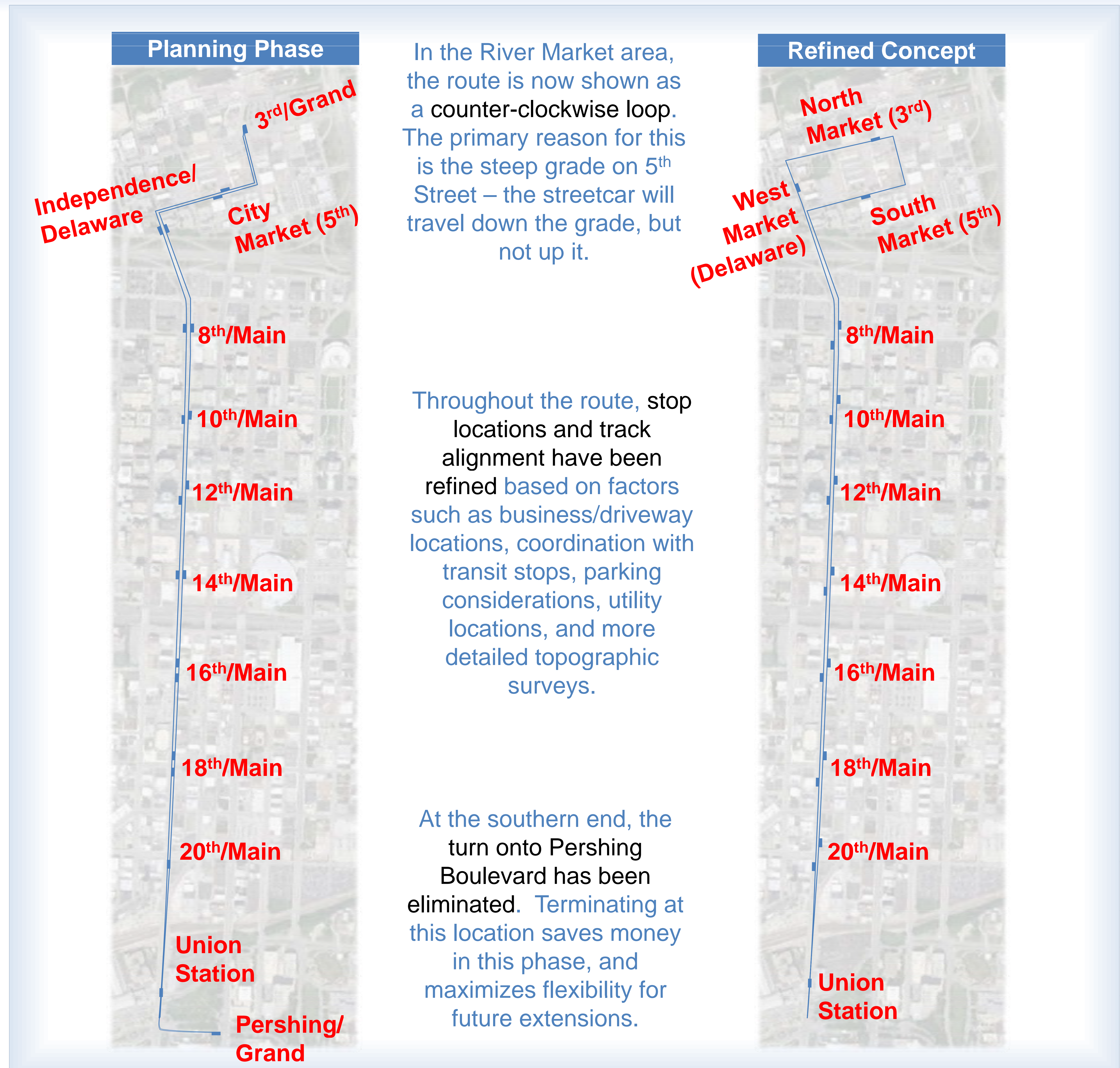


Design refinements made at the north and south ends

Route Refinements

Now that **Main Street** has been selected as the preferred route, and **streetcar** has been selected as the preferred transportation mode, more focused **conceptual plans** are being developed.

Here's how the concept is evolving in the **Advance Conceptual Engineering** phase.



Construction

Stage 1

Utilities 12-18 months per 3-block section

Construction Period: Q1 2013 – Q1 2014

Open trenches for underground utility relocations



Temporary overhead lines for above-ground relocations



Partial lane closures & temporary service interruptions

Maintenance Facility 12-18 months

Construction Period: Q3 2013 – Q4 2014

Site Clearing, Pad, Foundation



Yard Track, Civil Site Work

Shop Building

Requires full closure and control of facility site, with construction ingress/egress



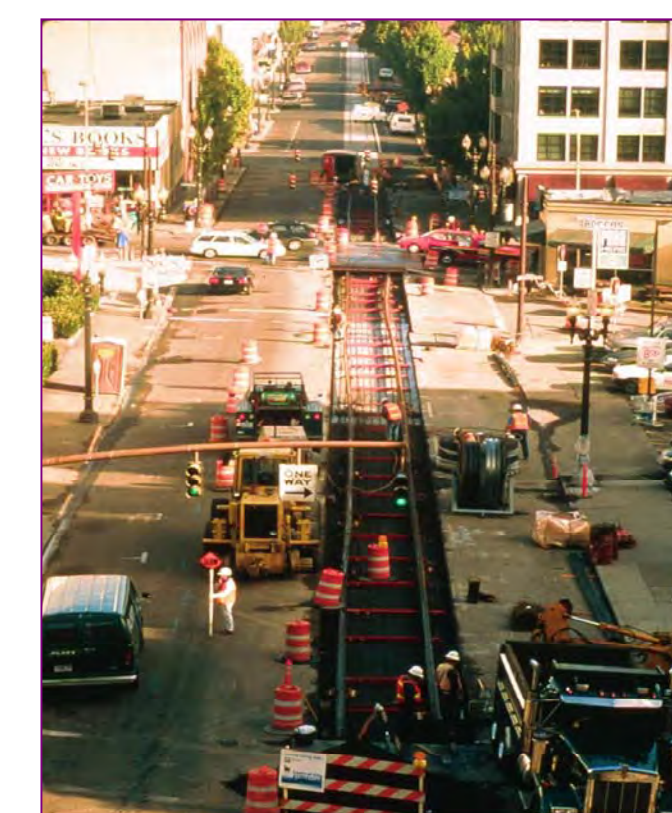
Stage 2

Trackwork 3-4 weeks per 2-block section

Construction Period: Q4 2013 – Q4 2014

Remove existing pavement and sidewalks

Construct sidewalk, curb, and gutter



Install rail and track slab with track drains

Install special trackwork



Typical 20-25' wide work zone - requires multi-lane partial closure or temporary closure of entire street, depending on street width.



Station Stops 3-4 weeks per station

Construction Period: Q4 2013 – Q4 2014

Curb, gutter, sidewalk reconstruction

Construct concrete platforms and canopy foundations

Install platform finishes and amenities



Stage 3

Power Systems

3-4 weeks per 2-block segment

Construction Period: Q4 2013 – Q4 2014

Install overhead contact system poles



Install traffic signals and street lighting

Connect overhead wiring

Temporary lane closures at work zone at non-peak hours

Install power substations (3 - 4, not part of segmented work)



Traffic Signals/ Street Lighting

2 weeks per intersection

Construction Period: Q2 2014 – Q4 2014

Install/modify traffic signals

Install/modify street lighting



Stage 4

Testing & Start-Up

4-6 months

Testing Period: Q4 2014 – Q1 2015

Testing of communications, signaling, and ventilation systems

Training of operators and maintenance personnel



Vehicles

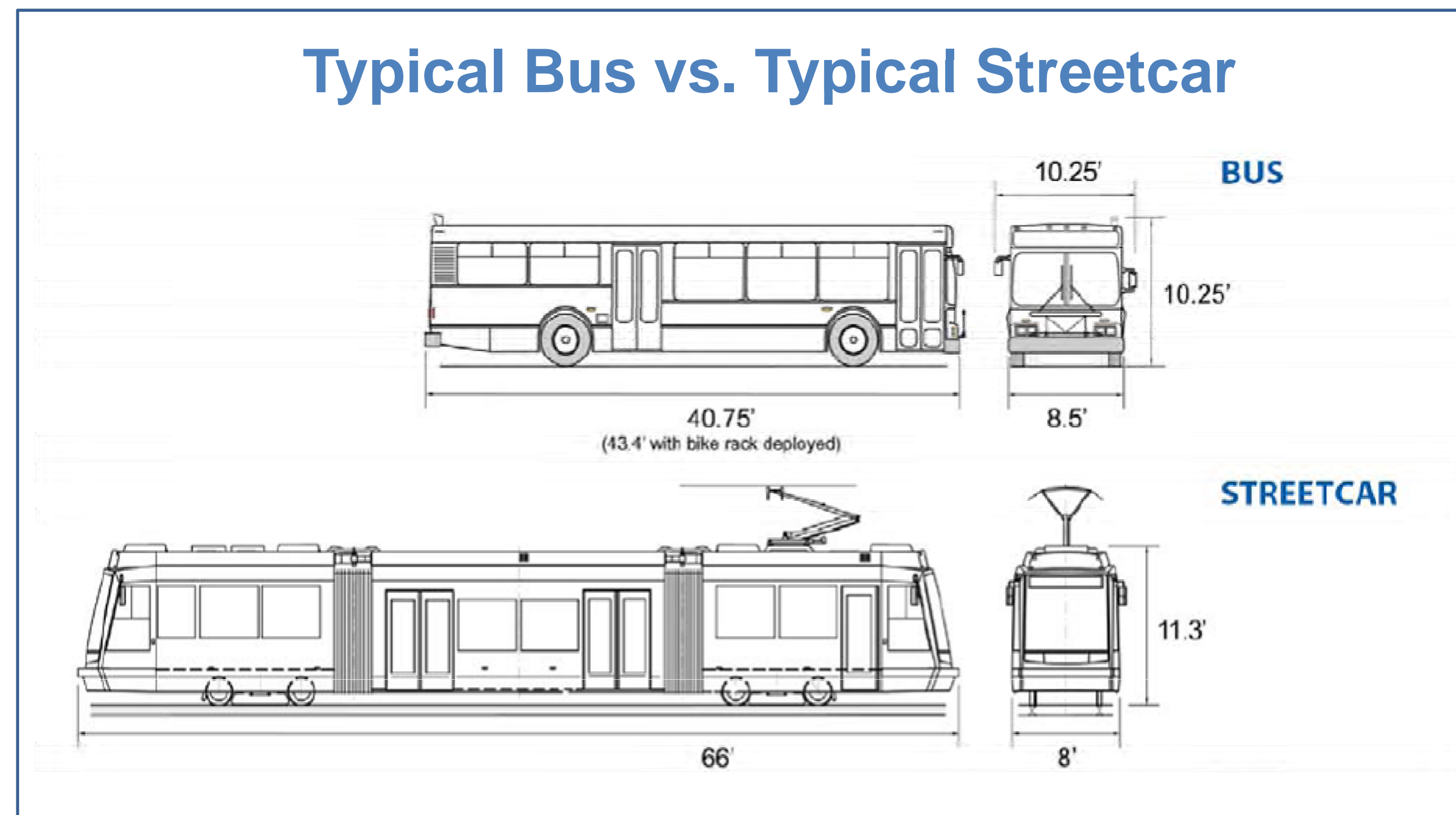
Modern streetcars come in many shapes and sizes.

Lengths: 67 feet – 151 feet

Widths: 7.5 feet – 9 feet

Heights: ~13 feet (roof + equipment)

Kansas City's streetcar will likely be at the shorter end of the range (67 - 80 feet long). Vehicle selection affects passenger capacity, platform design, turning radii, climbing capabilities, minimum lane widths, number of doors, boarding style, and more.



Boarding Design Options

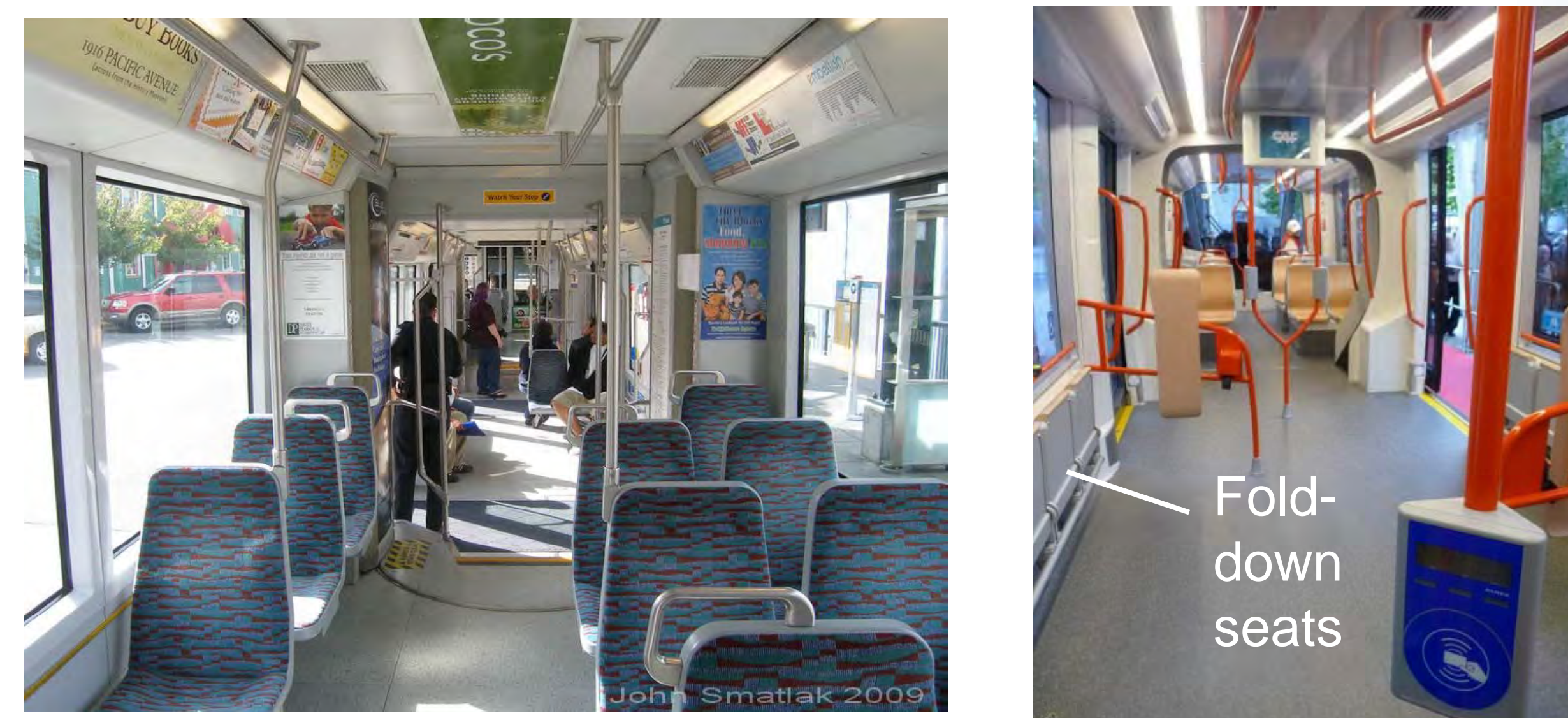
Different vehicles include different options for boarding. Because streetcar floors are generally higher than typical curbs, platforms are needed to get passengers to the right level. With **level boarding**, no “bridge plates” are needed and stop times can be shorter. However, this often causes problems with buses sharing stops (bus floors are lower) and is harder to “blend in” to sidewalks. The City is studying the tradeoffs as it considers vehicles.



Streetcar Interiors....

...can be customized to a city's needs. At heart, a streetcar is a “pedestrian accelerator”, and it is typical to leave a lot of standing room. The photos at right show two example interiors.

Examples



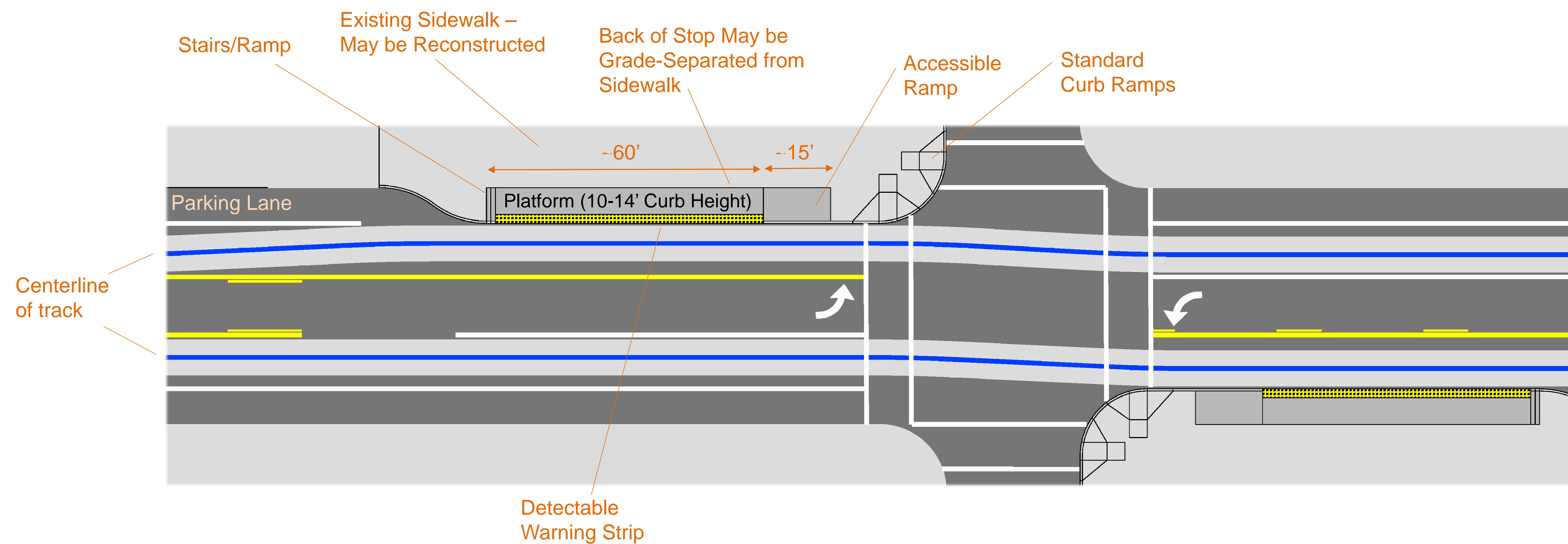
Streetcar Stops

Stops are generally simple, providing a sheltered place to wait. Streetcars will arrive every 10 minutes or so.

Here are examples of stops in other cities.



Typical Proposed Kansas City Streetcar Stop Layout



Environmental Analysis

Purpose

Conduct National Environmental Policy Act (NEPA) Environmental Assessment (EA)

Evaluate the potential effects of:

- No Build (no action)
- Streetcar (build alternative)

Address effects related to the following:

- Community
- Historic and cultural resources
- Noise and vibration
- Transportation (traffic, transit, parking, pedestrians)
- Land use and economic
- Parks and recreation areas
- Visual
- Water quality
- Construction

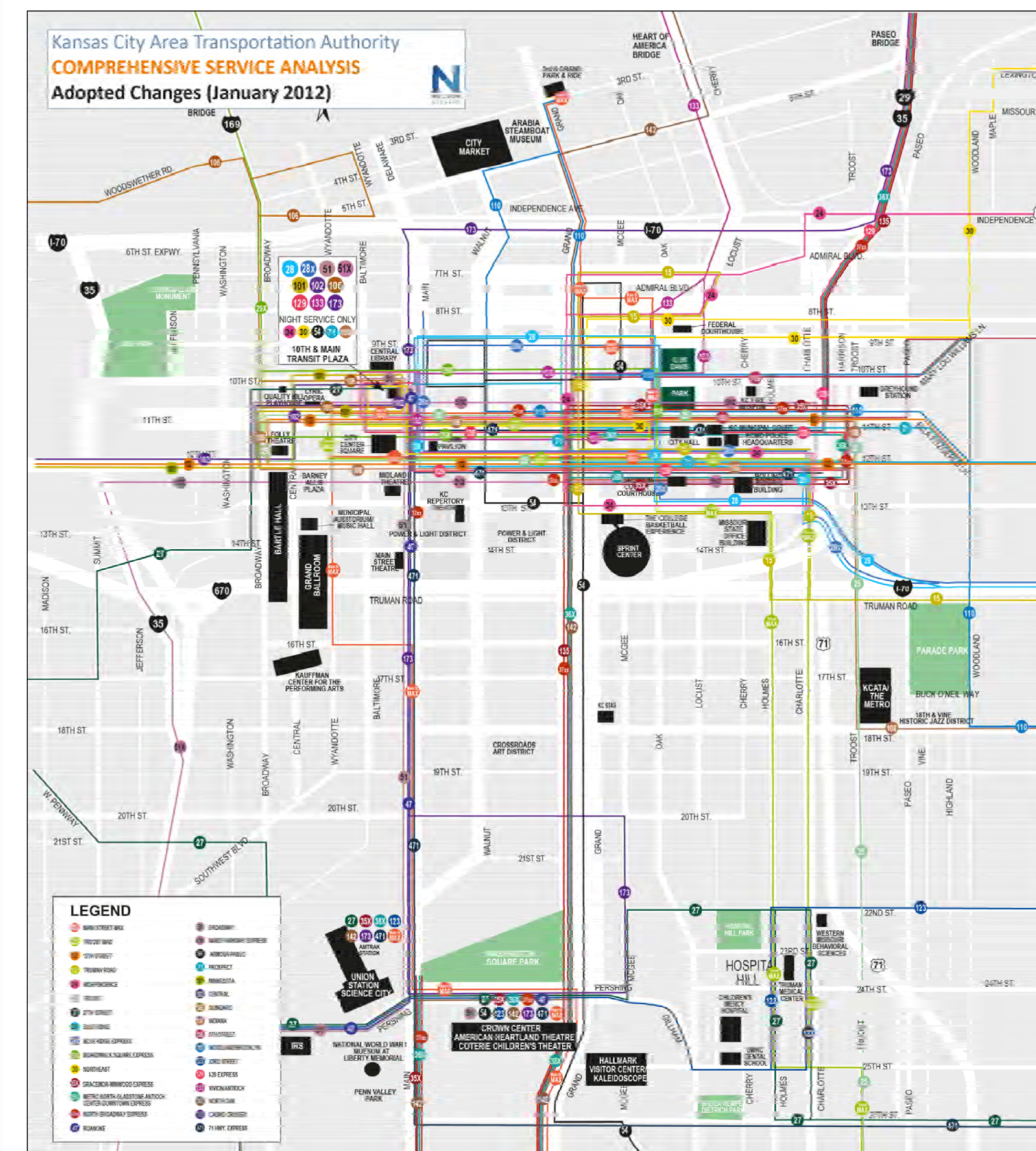
Key Area: Transit Service Analysis

Short-Term Bus Changes

- At 10th and Main Transit Center
- At some streetcar stops

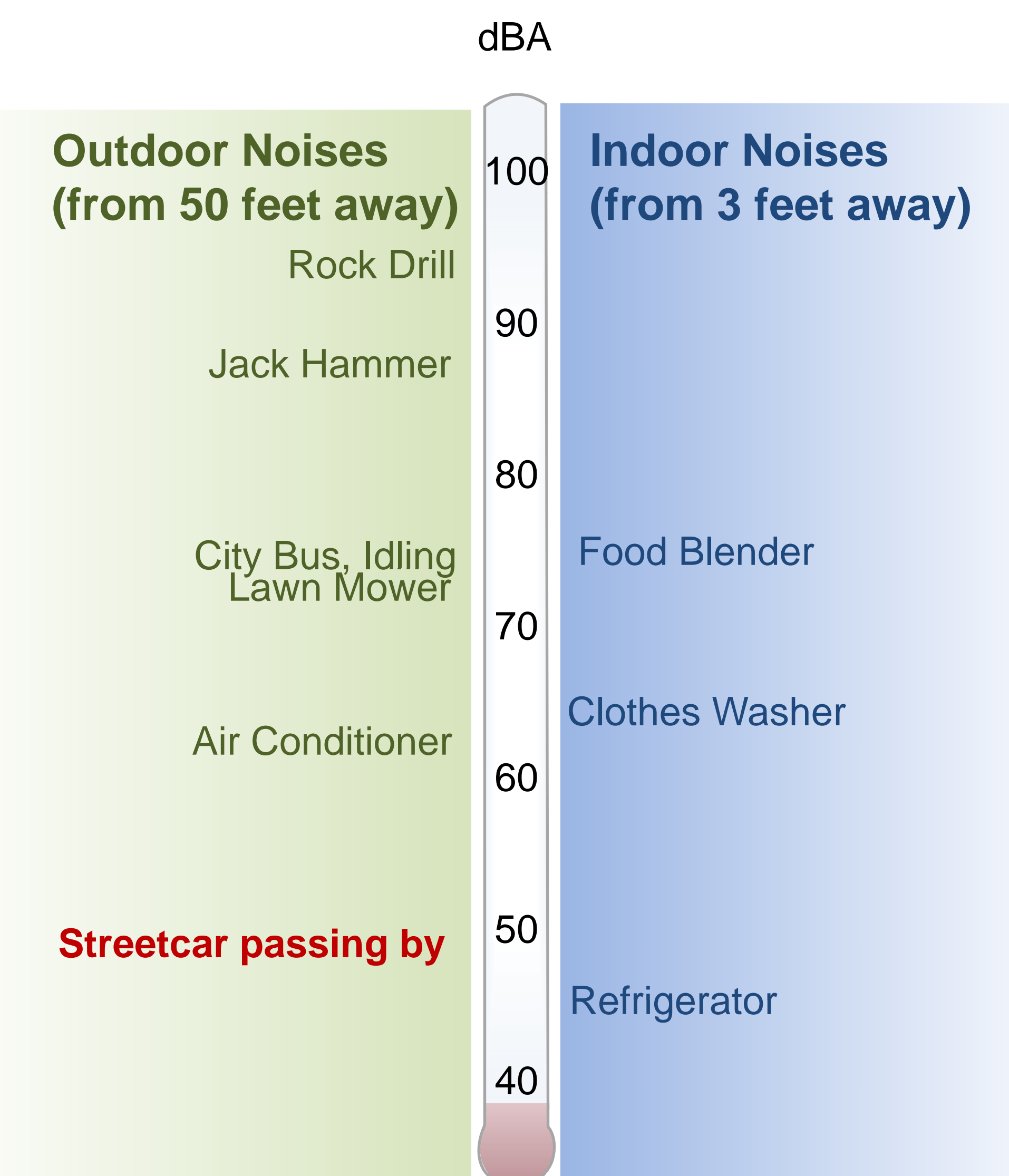
Long-term Bus Changes

- As defined by Phase 2 of the Comprehensive Service Analysis from the Kansas City Area Transportation Authority
- Improved efficiency of downtown transit service



Key Area: Noise Analysis

- 1 Define existing noise levels
- 2 Identify nearby sensitive noise receptors (concert halls, libraries, private residences, etc)
- 3 Identify noise increase due to streetcar
- 4 Determine if any significant noise effects
- 5 Define mitigation (if necessary)



Election Information

*The Kansas City Downtown Streetcar
Transportation Development District*

To vote in the mail-in election, you must:

- Reside within the boundary of the District
- Apply for a ballot
- Provide proof of voter registration at the time you apply for a ballot.
Proof of voter registration includes a copy of the applicant's official Voter ID card, or a written statement from the Kansas City Board of Election Commissioners confirming voter registration status of the applicant, or go to www.kceb.org to print proof of registration using the "Check Your Voter Status" box.
- Return the application for a ballot no later than 5:00 p.m. on May 22, 2012

To obtain a ballot application:

- Download from <http://www.16thcircuit.org/streetcar>
- Pick up at the Jackson County Courthouse, 415 East 12th Street, Kansas City, Missouri 64106, Third Floor, Room 303, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday
- Pick one up at tonight's public meeting

Ballots will be mailed on June 19, 2012, only to those who have applied for a ballot by 5:00 p.m. on May 22, 2012

Ballots must be returned no later than 5:00 p.m. on July 31, 2012

- Contact the Kansas City Board of Election Commissioners to register to vote - (816) 842-4820
You will still need to separately apply for a ballot to vote in this mail-in election

Questions? Call (816) 881-1300