1. Call to Order
2. Welcome + Introductions
3. Approval of December Meeting Minutes
4. Public Comment (3 minute maximum)
5. Streetcar Expansion
6. Study Updates
7. KCSA By-Law Amendment
8. Committee Reports
9. Executive Director Report
10. Other Business - Next Meeting: March 28, 2024
11. Closed Session
Agenda Item #3

MEETING SUMMARY: Approval of December 7, 2023 meeting minutes.
Agenda Item #4

Public Comment (3 minutes maximum)
5A. Main Street Extension

**KC STREETCAR**
**MAIN STREET EXTENSION TO UMKC**

**Overall Construction Progress**

*67% Complete*

*Updated as of December 31, 2023*

This number includes ALL aspects of the project – track, power systems, pedestrian upgrades, future station stops, and underground electrical work.
5A. Main Street Extension

Track Construction Progress

68% Complete*

0% 25% 50% 75% 100%

Approximately 36,785 feet of track will be installed.

*Updated as of December 31, 2023

OCS Foundation Progress

75% Complete*

0% 25% 50% 75% 100%

OCS poles, or Overhead Catenary System poles, are used to power the streetcar vehicles. Before poles can be installed, the foundations must be drilled out and filled with concrete. After the OCS foundations are complete, pole installation will begin. A total of 353 poles will be installed for this extension.

*Updated as of December 31, 2023
5A. Main Street Extension
5A. Main Street Extension
5A. Main Street Extension
5A. Main Street Extension - VMF
5A. New Streetcar Delivery

- 807 arrival week of 1/29/24
- Streetcars arriving approx. every 4 weeks
- Route testing to commence a few weeks after arrival
- 814 to arrive mid-summer
- Retrofits of existing streetcars to commence after the arrival of 814
5B. Riverfront Extension

- Construction:
  - Radmacher Brothers Excavating - Selected Contractor
  - KCATA Board Contract Approval December 20, 2023
  - NTP Scheduled for January 29, 2024
  - Groundbreaking late February/Early March

- Early Material Delivery Packages:
  - 112 Tram Rail – Delivered and Stored at Port KC
    (recently moved to a new location)
  - Equilateral Switch, Special Track work – Manufacturing in Process
  - Bridge Rail Expansion Joints – Manufacturing in Process
  - TPSS Substation – Manufacturing in Process
5B. Riverfront Extension

- Construction Inspection
  - Alfred Benesch & Company - Selected Consultant
  - KCATA Board Approval January 24, 2024
- KCMO Bike & Pedestrian Bridge: 100% Plans under final review
  - ROW and Railroad Access currently in process
  - KCMO Evaluating Funding Options
  - KCSA Support for KCMO Grant Opportunities
6. Transit Study Updates

- **Streetcar Specific**
  - East-West High Capacity Transit/Streetcar Study
  - Northrail
  - 18th and Vine - preliminary conversations emerging

- **Regional**
  - MARC/ATA- Bi-State Sustainable Corridors
  - MARC/ATA – Airport Study (near-term express bus)
  - KCMO- Downtown to Airport Rail
  - Johnson County Transit
  - KCATA Fare Study
6B. East-West Transit Study

Phase 1 Conclusions:

- Streetcar as preferred mode
- 39th Street and Linwood Boulevard as preferred corridor

Planning Effort Underway (Phase 1.5):

- Technical Analysis:
  - Identify station areas
  - Develop potential cross-sections for segments
  - Technical evaluation of corridor turns / connection to Main Street
- Progress towards a Locally Preferred Alternative (LPA)
6B. East-West Transit Study

- **Streetcar**
- **15 stations + 1 Transit Center**
- **6.9 miles**
- **39th > Main > Linwood**
6B. East-West Transit Study

**10-12 minute peak frequency**

**30-minute one-way travel time**

Match the service plan of Main Street Extension & Riverfront Extension

**8 streetcars on the route**

**13 vehicles needed in total**

8 vehicles would serve the full corridor during peak service

13 vehicles are needed to account for spares and maintenance holds

**Approximately 7,000 average daily trips**

<table>
<thead>
<tr>
<th>Ridership by Segment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UKHS to 39th Street</td>
<td>550</td>
</tr>
<tr>
<td>Main Street (39th to Linwood)</td>
<td>750</td>
</tr>
<tr>
<td>Linwood to Prospect</td>
<td>3,900</td>
</tr>
<tr>
<td>Prospect to 31st &amp; Van Brunt</td>
<td>1,800</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>7,040</strong></td>
</tr>
</tbody>
</table>
6B. East-West Transit Study

Total Corridor Costs (UKHS to Van Brunt)
- Annual Operating and Maintenance: $11.5 M
- Capital Cost: $1.1-$1.3 B

Assumes:
- Cost assumptions based on conceptual planning to date (high-level parametric estimates)
- Full corridor cost from UKHS to 31st & Van Brunt
- 2030 Year of Expenditure
- 5% annual inflation
- FTA recommended contingencies

Capital cost estimates are shown in year of expenditure ($2030) and account for construction, professional services, and vehicle procurement.
6B. East-West Transit Study

Upcoming Planning Effort with RAISE Grant:

- Complete the development and adoption of the Locally Preferred Alternative (LPA)
- Begin next phase of planning (environmental, preliminary engineering, and public engagement) using the federally awarded RAISE Grant ($4.5M)
- Develop phasing and financial strategy including identifying capital and operating funding
- Begin coordination with the Federal Transit Administration (FTA)

Potential Implementation Timeline

- Refine Locally Preferred Alternative (LPA) 2024
- Preliminary Engineering & Environmental 2024-2026
- Final Design 2026-2028
- Construction 2029-2032
- Opening Year 2032
7. KCSA By-Law Amendment

- ACTION: Presentation and consideration of proposed KCSA By-Law Amendment, effective April 1, 2024
8A. Safety & Security

- Route Updates
- KCPD Agreement for staffing & and patrol vehicle(s)
8A. System Performance Update

RIDERSHIP COMPARISONS: 2016 - 2023

Note: KC Streetcar service was replaced with bus service from July 4th to July 20th, 2023 while track repairs were made on the bridge over I-670.
8A. KC STREETCAR 2023 RIDERSHIP

- Highest ridership day EVER on April 27th (NFL Draft) at 21,601 rides
- Nearly 60,000 trips over 3 days for the NFL Draft (April 27th – 29th)
- High ridership periods: NFL Draft, Liberty Memorial Balloon Glow event, Memorial Day Holiday, Labor Day Holiday weekends
- Surpassed 1.8M trips in 2023 (a substantial increase from 2022 with 1.5M rides)
- Steady recovery in ridership (ended 2023 at approx. 90% of pre-COVID ridership)
  - Weekday ridership (Mo-Fr) averaged 80% “recovery” whereas weekend ridership (Sa-Su) averaged 95% “recovery”
### 8A. KC Streetcar Ridership Facts

<table>
<thead>
<tr>
<th>Year</th>
<th>Average Daily Ridership</th>
<th>Annual Ridership</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>5,830</td>
<td>1,399,153</td>
</tr>
<tr>
<td>2017</td>
<td>5,678</td>
<td>2,072,367</td>
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<tr>
<td>2018</td>
<td>5,794</td>
<td>2,114,717</td>
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<tr>
<td>2019</td>
<td>6,107</td>
<td>2,228,942</td>
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<tr>
<td>2020</td>
<td>2,148</td>
<td>786,085</td>
</tr>
<tr>
<td>2021</td>
<td>2,907</td>
<td>1,061,105</td>
</tr>
<tr>
<td>2022</td>
<td>4,205</td>
<td>1,528,512</td>
</tr>
<tr>
<td>2023</td>
<td>5,020</td>
<td>1,832,215</td>
</tr>
</tbody>
</table>

**TOTAL RIDERSHIP (2016-2023):** 13,029,481
KC STREETCAR RIDERSHIP RECOVERY

- Surpassed 50% recovery (July 2021)
- Ridership low in April 2020 (10% of 2019 levels)
- 85% recovery (January 2023)
- 100% recovery (February 2023)
- 110% recovery (April 2023)
- 90% recovery (December 2023)

Bus service from 7/4/23-7/20/23 while track repairs were made on the bridge over I-670
MARKETING & COMMUNICATIONS
8B. Sponsorship & Advertising

- 2023 sales: $394,200
- 2024: $67,175 (confirmed contracts as of 1/25/24)
8B. Sponsorship + Advertising

- Annual Streetcar Wraps:
  - KC Public Library
  - KC Power & Light District
  - KC Current

- Short Term Wrap Agreements:
  - Kansas City Zoo
  - Sporting KC

- Streetcar Stops:
  - HCA
  - reStart
8B. New Streetcar Testing

- Rider communication
- Branded graphics on new streetcars
- News Release
- Website and social media posts
- Video and photography
8B. Brand Expansion Update

CODE OF CONDUCT
Los pasajeros deben cumplir con lo siguiente.

- No Weapons
- No Disruptive Behavior
- No Soliciting
- No Eating or Drinks Without Lids
- Shirt & Shoes Required
- No Smoking, Vaping or Alcohol
- No Animals
- No Sleeping
- Limit Personal Items
- Do Not Hang
- No Continuous Riding

Municipal ordinance 180,082 requires that all passengers comply with directions from authorized KC Streetcar representatives.
8B. Brand Expansion Update
8C. Budget & Finance

- General Financial Update
- Audit Update
- **ACTION**: Acceptance Monthly Reports
9. Executive Director Report

- New City of Kansas City, MO Appointments Recently Received, effective 1/1/24
- New MSTDD members to be formalized and introduced at March meeting
- Security - Union Station Partnership
- Office Space Update
  - VMF
  - Mainline locations being assessed for future on-route security/operations/lost and found capabilities.
9. Other Business

- Next Meeting: March 28, 2024 (Location TBD)
- Closed Session
- Adjourn Closed Session
- Any other business
- Adjourn