RECENT DEVELOPMENTS

• Civil construction punch list work and testing continues
• Testing and training activities:
  – Rerailing equipment training
  – PIS-PAS-PA & CCTV testing
  – OCS maintenance training
  – Wheel Truing Machine training & commissioning
• Streetcar #1178 (unit #4) – arrived in Cincinnati February 11
  – Post-delivery testing – Feb 19
• Streetcar #1177 (unit #3) – arrival in Cincinnati – March 2
• Communication/outreach efforts continue through RoadMapCincy and regular stakeholders meetings
**BUDGET VS. EXPENSES**  
Through 2/28/16 - DRAFT

* Construction Expenditures include $2.938 Million in unreleased retainage on MPD contract.  
  Vehicle Expenditures include $410,344 in unreleased retainage on CAF contract.

<table>
<thead>
<tr>
<th>Budget Category</th>
<th>Base + Allocated Contingency</th>
<th>Expended</th>
<th>Encumbered</th>
<th>Expend. + Encumb.</th>
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<td><strong>Subtotal</strong></td>
<td><strong>$133,078,277.97</strong></td>
<td><strong>$107,373,236.92</strong></td>
<td><strong>$21,559,828.01</strong></td>
<td><strong>$128,933,064.93</strong></td>
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<td><strong>Grand Total</strong></td>
<td><strong>$148,078,277.97</strong></td>
<td><strong>$122,373,236.92</strong></td>
<td><strong>$21,559,828.01</strong></td>
<td><strong>$143,933,064.93</strong></td>
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### CONTINGENCY USAGE

**Through 2/18/16**

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<th>Budget Category</th>
<th>Contingency Budget</th>
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<th>Estimated Contingency Uses</th>
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<td><strong>ALLOCATED CONTINGENCY</strong></td>
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| **UNALLOCATED CONTINGENCY**     |                    |                           |                          |                            |                       |
| Unallocated Contingency         | $ 4,991,010.00     | $ 1,385,418.50            | $ 879,133.00             | $ 223,538.00              | $(937,591.46)         |
| Construction                    | $ 4,991,010.00     | $ 2,029,170.11            |                          |                            | $ (937,591.46)        |
| City Project Administration     | $ 608,948.31       | $ 802,393.54              |                          |                            |                       |
| **Subtotal**                    | $ 4,991,010.00     | $ 4,023,536.92            | $ 802,393.54             | $ 1,102,671.00            | $(937,591.46)         |

Utilities (Duke Escrow)         | $ -                | $ -                       |                          |                            | $ -                   |

**Grand Total**                 | $ 9,713,111.22     | $ 6,516,137.99            | $ 1,271,599.17           | $ 1,102,671.00           | $ 822,703.06          |
## GRANT DRAWDOWN SUMMARY
Through 2/28/16

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<th>SOURCE</th>
<th>GRANT NUMBER</th>
<th>ALI CODE</th>
<th>Description</th>
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<th>Drawn</th>
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<td>$45,178,274</td>
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<td>$4,042,249</td>
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</table>

* Budget revision on 9/16/15 moved $4.998 M from Urban Circulator ALI 12.13.20 to 12.23.03
** Drawn + Pending = 91.1% of Federal grant funds
VEHICLES

• Testing and training activities ongoing:
  – Rerailing equipment training
  – PIS-PAS-PA & CCTV testing
  – OCS maintenance training
  – Wheel Truing Machine training & commissioning

• Streetcar #1178 (unit #4) – arrived in Cincinnati February 11
  – Post-delivery testing conducted – Feb 19

• Streetcar #1177 (unit #3) – arrival in Cincinnati – March 2

• Streetcar #1179 (Unit #5) projected by CAF to arrive in April
  – City working with CAF to refine and accelerate schedule for final vehicle shipment
  – Will require additional engineering support from LTK
• Close out of remaining open vehicle items
  – CAF crew and manager arriving in Cincinnati from Elmira starting March 1 to complete work on punch list items

• Burn-in (500km testing)
  – Close out of certain punch list items necessary for this occur

• Special tools and spare parts delivery

• Remaining maintenance and operator training
START UP

• Enforcement of parking and traffic regulations along streetcar route needed
  – Double parking
  – Parking too far from curb
  – Blocking streetcar tracks

• Track Access Permitting coordination underway
  – Transdev providing training to utility workers
  – City ROW coordinating with Transdev for TAP

• Public familiarity with streetcar operations
RISK/CONTINGENCY ITEMS

• CONSTRUCTION
  – Traffic signal modifications may be needed to facilitate signal operation
  – MOF Modifications – align facility to operational needs
  – Additional capital equipment needs identified as part of start up (some budget exists for this)

• VEHICLES
  – CAF delays will require additional engineering support from LTK
  – Spare parts & special tools delivery, training still required
  – Issues identified during burn-in could take time to resolve

• SAFETY & SECURITY CERTIFICATION/INTEGRATED TESTING
  – Issues identified during integrated testing and safety certification may require redesign or additional construction work
PLANNING & OPERATIONS UPDATE
SAFETY AND SECURITY

- Safety/Security Certification:
  - SSRC meeting weekly
  - FLSSC meeting bi-weekly
    - On schedule to submit required documentation to ODOT*
      - System Safety Program Plan
      - Security and Emergency Preparedness Plan
      - Emergency Operations Plan

* Documentation required six months prior to start of revenue service.
WHEEL-TRUING MACHINE

• Delta Manufacturing on-site week of 2/22
• Successful commissioning of machine
• Training
• All eight wheels on 1175 re-profiled
TRAPEZE TRANSITMASTER

• Trapeze subcontractor Blackbear on-site

• Commissioning and testing 1175/1176
  – Radios (voice/data)
  – Automatic passenger counters (APC)
  – Mobile data terminal/computer-aided dispatch
  – Automatic vehicle location
TURNOVER

• Track access turned over to SORTA/Transdev on 2/1/2016

• Training on OCS and TPSS complete

• Special tools ordered

• SORTA/Transdev to take over OCS power control in March 2016

• SORTA to assume utilities as part of Streetcar Inter-Governmental Agreement Amendment #7
TRANSDEV MOBILIZATION

• Hires:
  – Transportation Supervisor
    • Supervisors will train operators
  – Vehicle Maintenance Technicians

• Upcoming hires:
  – Vehicle Operators (first group)

• Rulebook and SOP updates ongoing
FARE COLLECTION

• Ticket Vending Machines (TVMs) in testing and commissioning
  – TVMs will be tested and commissioned prior to installation

• Metro fare media changes
  – E-fare
  – Smartcard
  – Pay-by-phone
FARE COLLECTION

• Fare products valid on Streetcar
  – Streetcar hourly and daily passes
    • Transfer privileges to/from Metro bus
  – Existing stored value
  – Metro daily and 30-day rolling passes
  – Special passes (convention passes, etc.)

• Metro is examining an annual pass as part of Cincinnati City Council recommendations
FARE POLICY

• Integrated Metro/streetcar fare

• Title VI analysis

• Key elements of policy design
  – Maximize ridership of streetcar and Metro bus
  – Avoid over-complication of fare structure
  – Avoid creation of separate types of riders
    • Metro bus versus streetcar
FARE POLICY

• Time-based fare

• Streetcar fares
  – 2-hour ticket $1.00
    • Fare Deal (mandatory half fare) $0.50
  – Day pass (3 a.m. reset) $2.00

• Streetcar follows Metro fare policy rules:
  – Child fare height requirements, uniformed police officers, employees, etc.
FARE POLICY

• Transfer from Metro bus to streetcar:
  – Streetcar accepts Metro transfer
  – 2-hour validity
  – $2.25 total one-way trip fare
    • $1.75 Metro Zone 1 fare + $0.50 transfer

• Transfer from streetcar to Metro bus:
  – Metro $1.00 fare with streetcar ticket
  – 2-hour validity
  – $2.00 total one-way Metro Zone 1 trip fare
FARE POLICY

• **Metro passes valid on streetcar:**
  – 30-day rolling pass
  – Day pass
  – Fare Deal sticker

• **Metro passes *not valid* on streetcar:**
  – University passes
  – Cincinnati Public Schools passes
  – Employer transit program passes
OPERATIONAL READINESS
6 MONTHS TO GO

Staff selection/hiring:

• Management and Supervision- one outstanding Transit supervisor in process. All others completed

• Maintenance-All completed except for one Streetcar Cleaner and DBE landscaping/platform cleaning subcontractor

• Transportation-Ten operators in process to be completed by April 4 for start of first training class
Procedures, Plans, and Rulebook

All draft SOP’s have been vetted through SORTA’s consultant and the FTA consulting team. Minor modifications suggested and implemented. Final draft of all completed.


Rulebook vetted and minor suggestions implemented. Final draft completed.

Integrated testing plan support nearing completion with final streetcar testing.
Training Progress

Train the trainer concept- Three transportation supervisors in progress to be completed by April 1, 2016.

Operators first class start date is April 4, 2016. Three classes to be completed by August 1, 2016.

Streetcar maintainers classes in process for streetcar and support equipment.

Maintenance of Wayside maintainers in process for OCS, Traction Power substations, track and facilities (MOF and Platforms).

Track Access Training in progress. First class of approximately 30 Duke energy employees completed this morning, other classes scheduled for Duke and other contractors working on the alignment from this point forward.
Safety Certification

Finalized policies, procedures, plans and rulebook to be certified by July 15, 2016.

All required staff to be certified by July 31, 2016.

All operations and maintenance trackway simulations to be completed from May through August, 2016.

Pre-revenue operations anticipated to begin August 1, 2016.
SAFETY COMMUNICATIONS

Be Streetcar Safe banners in high-traffic locations:

• Coffee Emporium (pictured)

• Findlay Market

• School for the Creative and Performing Arts (2)

• Main Public Library (2)
QUESTIONS