



CINCINNATI
STREETCAR™

MONTHLY REPORT

July 2015

REFERENCES

- For background information on the Cincinnati Streetcar, please go to <http://www.cincinnati-oh.gov/streetcar/>
- For previous months' reports, please go to <http://www.cincinnati-oh.gov/streetcar/documents-references/>
- For an archive of weekly progress updates, please go to <http://www.cincinnati-oh.gov/streetcar/news/>



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ACRONYMS

| | |
|-------|---|
| CFD | Cincinnati Fire Department |
| CPD | Cincinnati Police Department |
| CBD | Central Business District |
| DBE | Disadvantaged Business Enterprises |
| FAI | First Article Inspection |
| FLSSC | Fire Life Safety and Security Committee |
| FTA | Federal Transit Administration |
| MOF | Maintenance And Operations Facility |
| MPD | Messer, Prus, Delta Rail Joint Venture |
| OCS | Overhead Contact System |
| ODOT | Ohio Department of Transportation |
| OUPS | Ohio Utility Protection Service |
| PMOC | Project Management Oversight Consultant (FTA's) |
| SORTA | Southwest Ohio Regional Transit Authority |
| SSRC | Safety and Security Review Committee |
| TANK | Transit Authority of Northern Kentucky |
| TPSS | Traction Power Substation |
| TVM | Ticket Vending Machine |
| WTM | Wheel Truing Machine |

PROGRESS SUMMARY



All Star Parade passes down freshly paved Walnut St. next to the streetcar tracks and Stop #17

PROGRESS SUMMARY

- Civil construction has continued within schedule to start operations in September 2016. The project has continued to be within budget.
- The project team continues to monitor the construction contract to ensure compliance with Disadvantaged Business Enterprise (DBE) requirements, procurement, and all other federal requirements.
- The Administration remains concerned with CAF's progress toward delivery of the streetcar vehicles by the contract milestone date. The project team continues to work closely with LTK, the City's engineering consultant, and CAF to facilitate efforts to recover time in the production schedule and to monitor progress closely through on-site inspection in Elmira, NY, at the CAF factory and weekly progress calls. The project management team visited the factory in July to carry their comments on schedule directly to CAF management.
- Utility replacement and relocation construction, both under the City's contract with Messer-Prus-Delta Rail Joint Venture (MPD) and through third party utilities is virtually complete and projected to be within their respective budgets.



PROGRESS SUMMARY

- There were no Lost Time Accidents in July, bringing the total worked without one from 147,359 hrs. in June to 153,582 at the end of July.
- The July All Star Game required a major cleanup in the CBD and multi-day shutdown in that area. That effort helped the city look sharp for the festivities. MPD will submit a time and materials billing for their extra costs for this work to be paid from contingency. This shutdown should have no effect on the September 2016 date for Fare Service.
- Trackwork continued to make good progress on Main St, Fourth to Sixth Sts.
- Project electrical work included traffic signals on both Walnut and Main Sts.
- Progress on the OCS system included span wire, wire bracket and arm installation on Twelfth St. from Main to Elm Sts., Race St. from Twelfth to Central Parkway and testing of TPSS #1 and #2.
- Pole foundation and pole installation continued on Main and at TPSS #1.

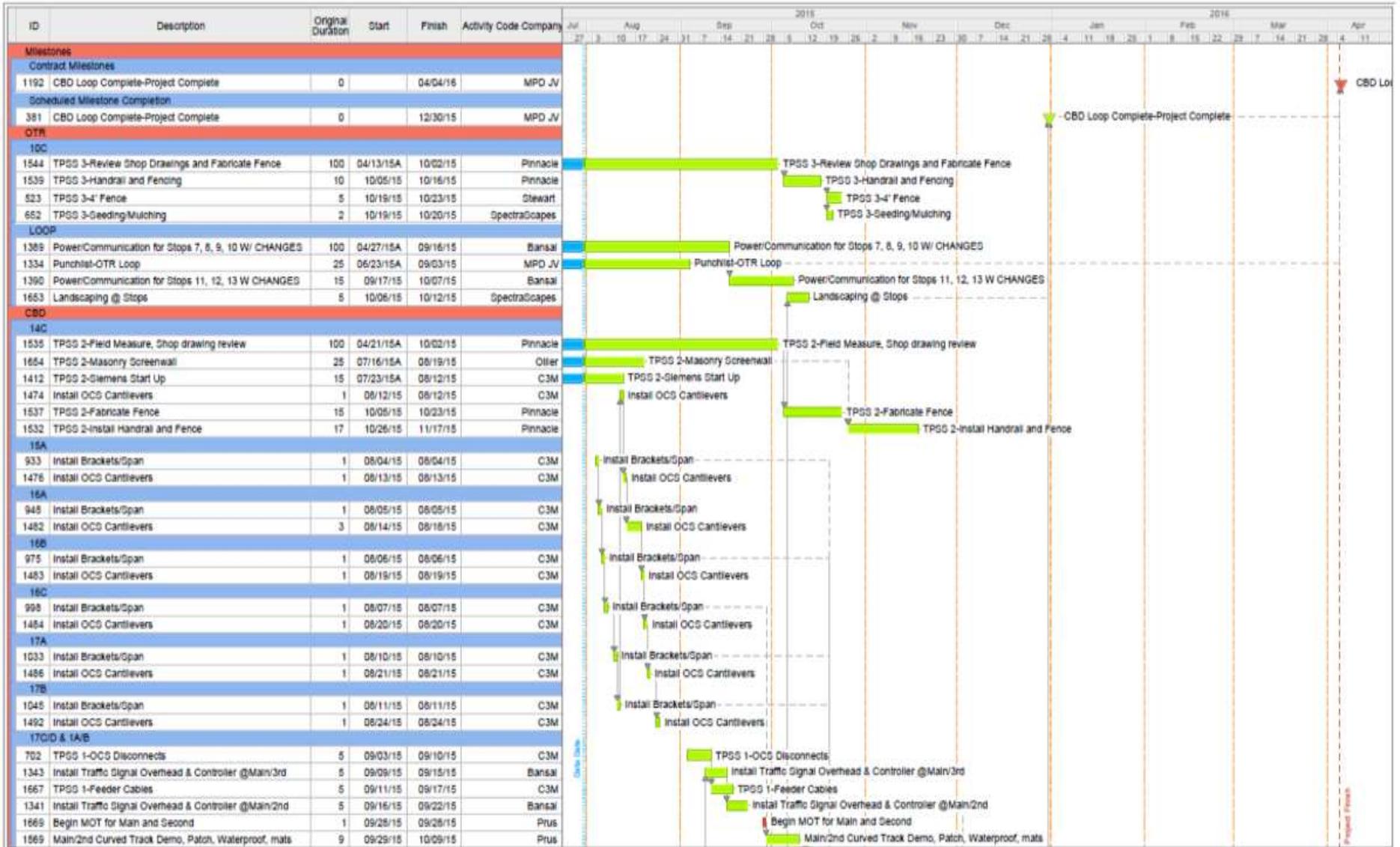


2.1 CONSTRUCTION CONTRACT SCHEDULE

- Maintenance and Operations Facility (MOF) and test track completion - March 21, 2015 (Achieved)
- Over-The-Rhine Loop Completion - July 19, 2015 (Achieved)
- Completion of all work - April 4, 2016 (On schedule)
- Revenue Service start - September 15, 2016 (On schedule - unchanged from original construction contract with MPD)
- Summary schedule follows:



JUNE 2015 SCHEDULE SUMMARY



Start Date: 07/15/13
 Finish Date: 04/04/16
 Data Date: 07/31/15
 Run Date: 08/19/15

Cincinnati Streetcar
 Contract #121C005060
 August 1, 2015 - Project Schedule Update



CONSTRUCTION STATUS

Track:

- Complete Through July 31
- Scheduled Aug-Sep 2015

OCS:

- Complete Through July 31
- Scheduled Aug-Oct 2015

Paving:

- Complete
- Scheduled Sep 2015

Stops:

- Complete
- Scheduled Aug-Sep 2015



2.2 TRACKWORK & ASSOCIATED CONSTRUCTION

- In preparation for trackwork, pavement sawcutting and pavement removal took place on Main St. from Fourth to Sixth Sts. Rail and trackslab concrete installation took place in the same location.
- Miscellaneous sidewalk, curb and handicapped ramp restoration took place on Walnut St. from Fourth to Fifth Sts. and on Main St. from Seventh to East Court Sts. as well as at Twelfth and Race Sts.
- Pavers were replaced where damaged by trenching or foundations on Walnut from Fourth to Fifth Sts. and on Main St. from Seventh to Ninth St.



2.2 TRACKWORK & ASSOCIATED CONSTRUCTION PROGRESS DETAILS

AS OF JULY 31, 2015

- Revenue Track Complete 17,623 of 18,600 ft. (95%)
- OCS Pole Foundations (as of 9/8/15) 317 of 317 complete (100%)
- OCS Poles 295 of 328 complete (90%)
- Traffic Signal Foundations (as of 9/8/15) 96 of 96 complete (100%)
- Traffic Signal Poles 91 of 95 complete (96%)
- Lane Miles Paved Approx. 10.7 of 13.5 complete
- Station Stop platforms 14 of 18 complete
- Traction Power Substations 4 of 4 delivered
- Special Trackwork 12 of 12 switches installed



2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Unloading rail on Main St. just north of Sixth St.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Vacuum excavation used to remove temporary restoration done for the All Star Celebrations

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



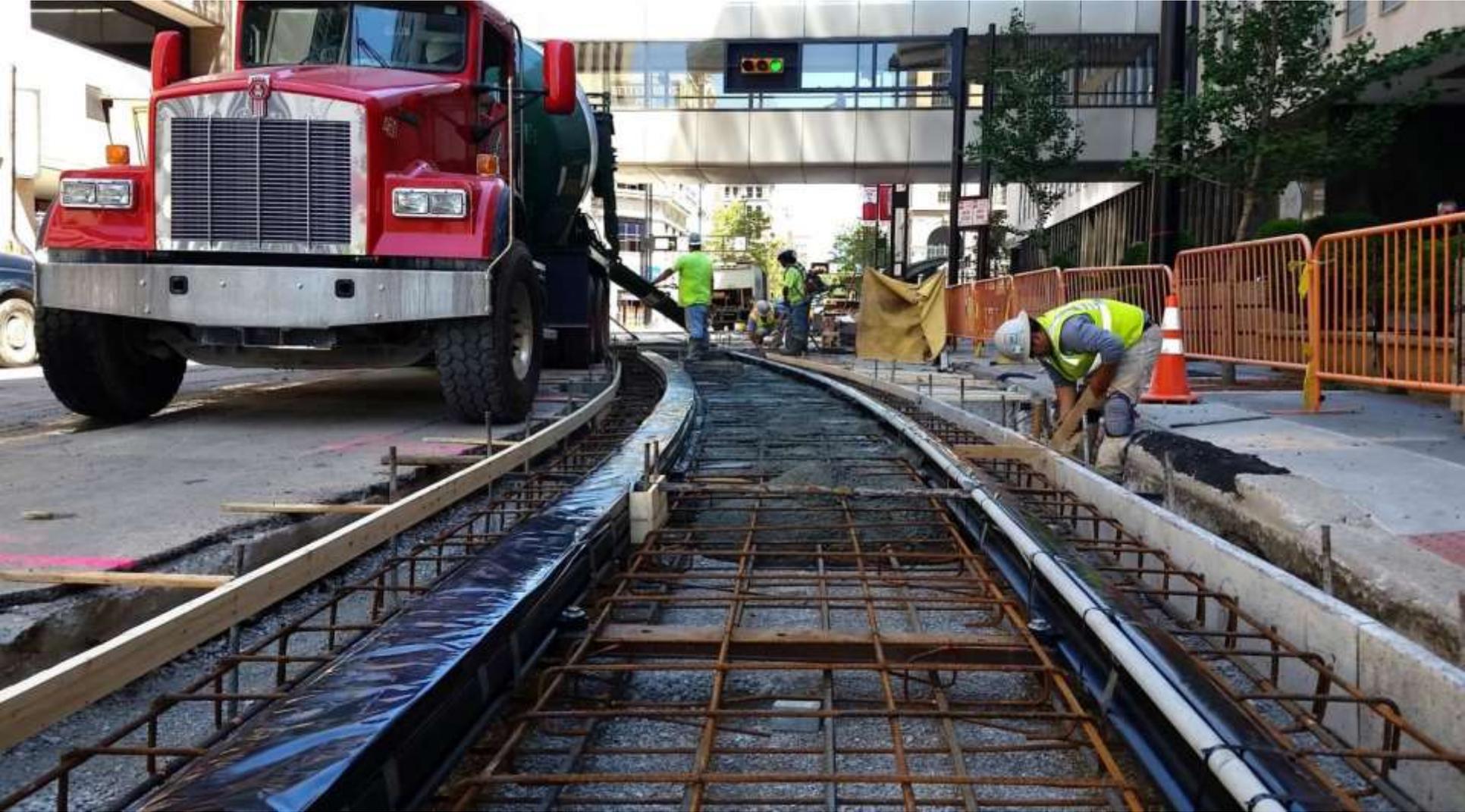
Pavement removal on Main St. between Fifth and Sixth Streets

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Trackwork resumed on Main St. between Fifth and Sixth Streets after the All Star Break

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Placing the Main St. trackslab concrete from Fifth St. to Sixth St.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Placing the Main St. trackslab concrete from Fifth St. to Sixth St.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Masons constructing the TPSS #2 enclosure at E. Court and Walnut Sts.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



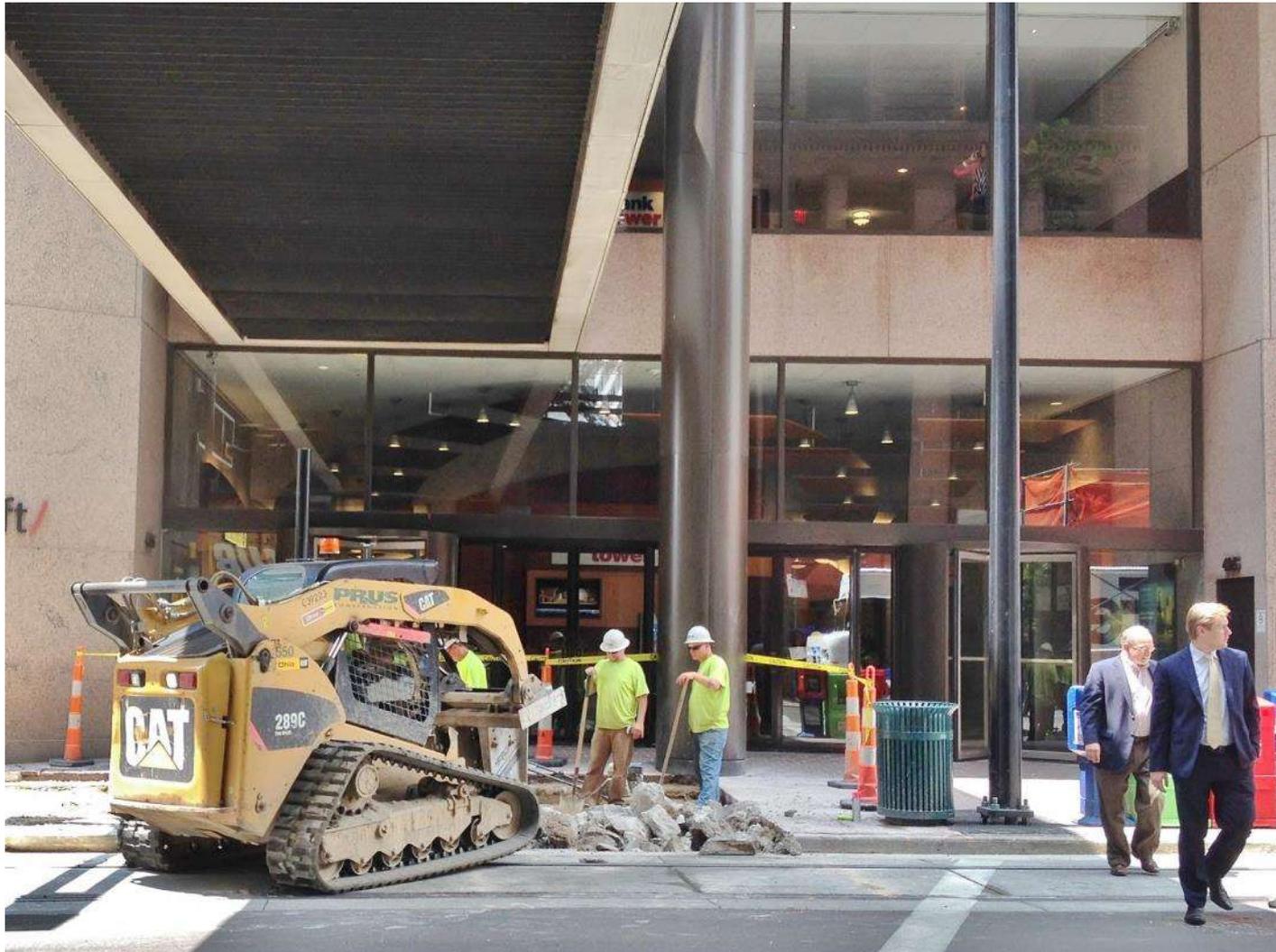
Installing new pole/boom/signage on Second St. between Walnut and Main Streets.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Brick paver sidewalk restoration on Main St. between Eighth and Ninth Sts. adjacent to new pole

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Pavement and curb removal on Main St. between Fifth and Sixth Sts. At the 580 Bldg.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Installing stop shelter at Stop #5A

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Work at Stop #5 and required maintenance of access to Certificate of Title Office

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Installing stop shelter at Stop #17

2.3 MAINTENANCE & OPERATIONS FACILITY



The MOF in the foreground with the north end of the loop on Henry St. on the right

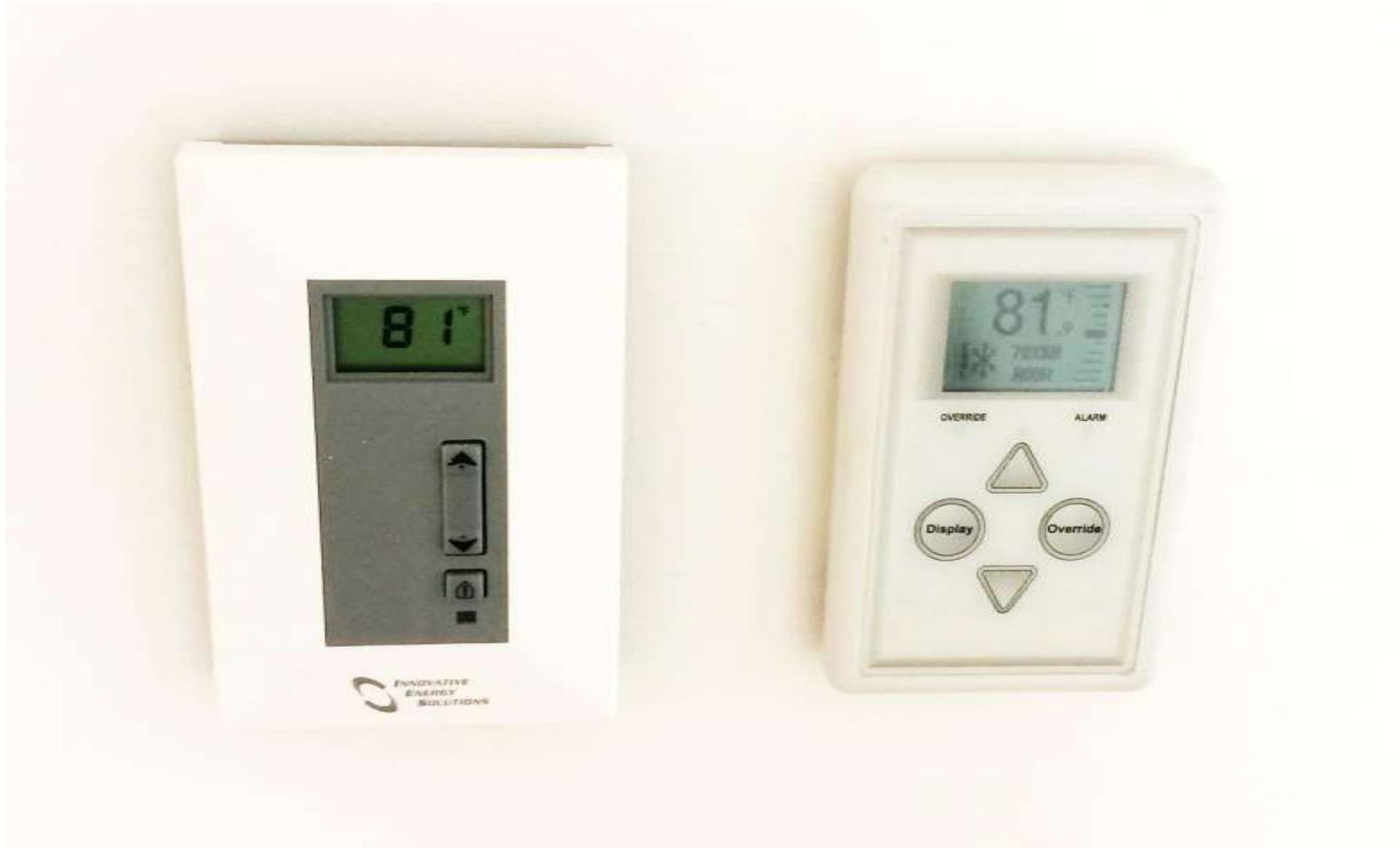
2.3 MAINTENANCE & OPERATIONS FACILITY

- Closing out punch list and additional work items continued throughout July.
- OCS work was undertaken in the MOF



Pulling the OCS cable in the MOF

2.3 MAINTENANCE & OPERATIONS FACILITY



MOF temperature and humidity control system

2.4 UTILITY WORK

Utility work, including street and sidewalk is wrapping up:

- Duke Electric 99% complete
- Duke Gas 99% complete
- Cincinnati Bell 99% complete
- Water 99% complete
- Level 3 100% complete
- Chilled Water 100% complete
- Time Warner Cable 99% complete
- MSD (Sewer) 95% complete



2.4.1 CONTRACT UTILITY WORK

- Traffic control conduit work has been completed with the associated street and sidewalk restorations continuing.
- Traffic signal work took place on Walnut St. at Second and Fifth Sts., on Main at Second St. and Seventh to Ninth Sts. and at Twelfth and Elm Sts.
- Pole foundations were placed on Main St. from Third to Seventh Sts and at Central Parkway.
- Poles were installed on Main St. from Third to Fourth Sts. and near TPSS #1.
- OCS wire brackets and arms were installed in the MOF, on Twelfth St. from Main to Elm Sts. and on Race St from Twelfth to Central Parkway and on Central Parkway from Race to Walnut Sts.
- Technicians performed testing of TPSS #1 & 2.
- Lightning protection was installed at all four TPSS's last month.
- Sewer manhole lining took place on Race St. in front of the MOF and on Main St. between Fifth and Sixth Sts.



2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Traffic signal modifications at Ninth and Main Sts.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



Traffic signal modifications at Seventh and Main Sts.

2.2 TRACKWORK & ASSOCIATED CONSTRUCTION



OCS installation complete at 12th and Race Sts.

2.4.2 THIRD PARTY UTILITY WORK

- Duke Energy has continued street and sidewalk restoration.
- Time-Warner continued their cleanup of their system in Over-the-Rhine
- Cincinnati Bell continued manhole adjustments in conjunction with trackwork and pulling cable in their new systems.
- All other utility companies are virtually complete except for minor restoration or casting adjustments that will occur with the street repaving operation.



2.4.2 THIRD PARTY UTILITY WORK



Cincinnati Bell working in manhole to provide service to TPSS #2

2.5 COMMUNITY INVOLVEMENT



Monthly Project Stakeholders Meeting, this one at Christ Church

2.5 COMMUNITY INVOLVEMENT

- A Stakeholders Meeting was held on Wednesday July 8 at Christ Church as will be the August 12 meeting. September's meeting will be at the Public Library.
- Coordination construction continued with All Star Game Celebrations, Reds schedule, Hamilton county, The Banks, and other riverfront and CBD events worked out successfully.
- Media availability to provide information on impact of continued streetcar construction and upcoming paving operations took place on site on July 17.



2.5 COMMUNITY INVOLVEMENT

- Continuing established involvement strategy plan:
 - Monthly Construction Stakeholders Meeting
 - Email Weekly updates
 - Media alerts for all closures or other work disrupting pedestrian or vehicular traffic
 - Business, citizens get information about street and lane closures through a variety methods:
 - Personal visit by a member of the team
 - Attendance at DCI/Police Sector Meetings
 - Streetcar Hotline: (513) 352-3333
 - Streetcar website: www.cincinnati-streetcar.com (all media and press releases)
 - Media Interviews
 - Bi-weekly coordination meetings with police, City Manager and communication personnel
 - Briefings at multiple community and business organizations



2.5 COMMUNITY INVOLVEMENT

- Continuing established involvement strategy:
 - Monthly Construction Stakeholders Meeting
 - Monthly Riverfront Joint Operations Task Force
 - Coordination meetings with All Star Game Committee
 - Social media (twitter @Cincy_Streetcar, City of Cincinnati Facebook page <https://www.facebook.com/CincinnatiStreetcarOFFICIAL>)



2.6 MPD BILLINGS - JULY 2015

| Bid Form Section | Total | Prev. Incurred | June (Net ret) |
|--------------------------------------|---------------------|---------------------|--------------------|
| Behind the Curb Work | \$1,456,894 | \$57,690 | \$10,038 |
| Central Parkway Median | \$116,455 | \$118,106 | \$0 |
| Civil, Roadway and Drainage | \$10,445,950 | \$8,567,561 | \$313,256 |
| Communication System | \$1,228,959 | \$214,561 | \$0 |
| Corrosion Control | \$354,682 | \$283,746 | \$17,734 |
| Misc. Items | \$5,075,000 | \$3,933,939 | \$55,663 |
| MOF Civil and Track | \$3,170,177 | \$3,084,801 | \$30,912 |
| MOF | \$8,744,492 | \$8,437,198 | \$0 |
| OCS Mainline | \$5,502,798 | \$4,266,843 | \$354,736 |
| Signal System Streetcar | \$669,588 | \$574,497 | \$80,812 |
| Streetcar Stop Shelters and Sitework | \$2,243,714 | \$1,514,931 | \$52,980 |
| Trackwork on Grade | \$13,018,686 | \$12,347,676 | \$534,472 |
| Trackwork on Structures | \$2,950,663 | \$2,559,319 | \$289,724 |
| Traction Power | \$6,566,003 | \$5,637,064 | \$172,824 |
| Traffic Signals and Lighting | \$4,793,179 | \$3,741,946 | \$263,917 |
| Water Main - Main Street | \$2,508,352 | \$2,385,966 | \$0 |
| Water Main - Walnut Street | \$2,046,457 | \$1,780,106 | \$0 |
| CO#1 | \$492,933 | \$173,979 | \$0 |
| CO#2 | \$100,000 | \$52,861 | \$0 |
| CO#3 | \$359,745 | \$462,250 | \$14,000 |
| CO#4 | \$265,211 | \$170,514 | \$0 |
| CO#5 | \$637,108 | \$637,108 | \$0 |
| CO#6 | \$313,782 | \$128,782 | \$0 |
| CO#7 | \$67,630 | \$62,984 | \$0 |
| CO#8 | \$19,974 | \$168,066 | \$0 |
| Totals: | \$73,148,433 | \$61,362,496 | \$2,191,069 |

3.0 VEHICLES

- Vehicle production continues in Elmira
 - Units #1 and #2 currently undergoing testing activities.
 - Unit #3 recently completed carshell assembly and watertightness testing - undergoing remaining installation assemblies
 - Unit #4 carshell assembly in progress
 - Unit #5 carshells scheduled to ship from Spain end of July
- Project team met with CAF in Elmira, NY July 21-23
 - Reviewed open QA/QC items
 - Resolved window glass distortion issue
 - Reviewed CAF project management organizational concerns
 - New CAF Project Manager
 - Discussed schedule concerns



3.0 VEHICLES

- Schedule
 - CAF currently projects vehicle deliveries to Cincinnati to occur later than originally projected
 - Current projection is approximately 8-12 weeks extension for first car
 - City has requested updated schedule details and recovery plan from CAF
 - Awaiting further information from CAF in order to determine firm date for deliveries
 - Due primarily to issues identified during testing and inspection that required modifications and/or retest and some sub-supplier issues

| Milestone | Contractual Late Date |
|---------------------------------|-----------------------|
| Contractual Delivery of 1st Car | September 17, 2015 |
| Contractual Delivery of 2nd Car | October 17, 2015 |
| Contractual Delivery of 3rd Car | November 17, 2015 |
| Contractual Delivery of 4th Car | November 17, 2015 |
| Contractual Delivery of 5th Car | December 17, 2015 |



3.1 VEHICLE SCHEDULE STATUS

- City , LTK, SORTA are working with CAF to recover time to extent possible
 - Resequencing of remaining test activities
 - Expediting review and approval of test procedures and test & inspection reports
- City, SORTA working to determine if extended delivery schedule will have any impact on operations or construction
- Project team is working with City Law and Purchasing Departments to evaluate contractual remedies and bring them to bear if necessary
- Upcoming testing milestones:
 - Brake dynamometer testing - Began Week of Aug 3
 - Unit #1 dynamic testing in Elmira - Projected to begin Week of Aug 24
 - Climate Room testing (Unit #2) - Projected to begin Week of Aug 24



3.2 DESIGN & PRODUCTION ACTIVITIES



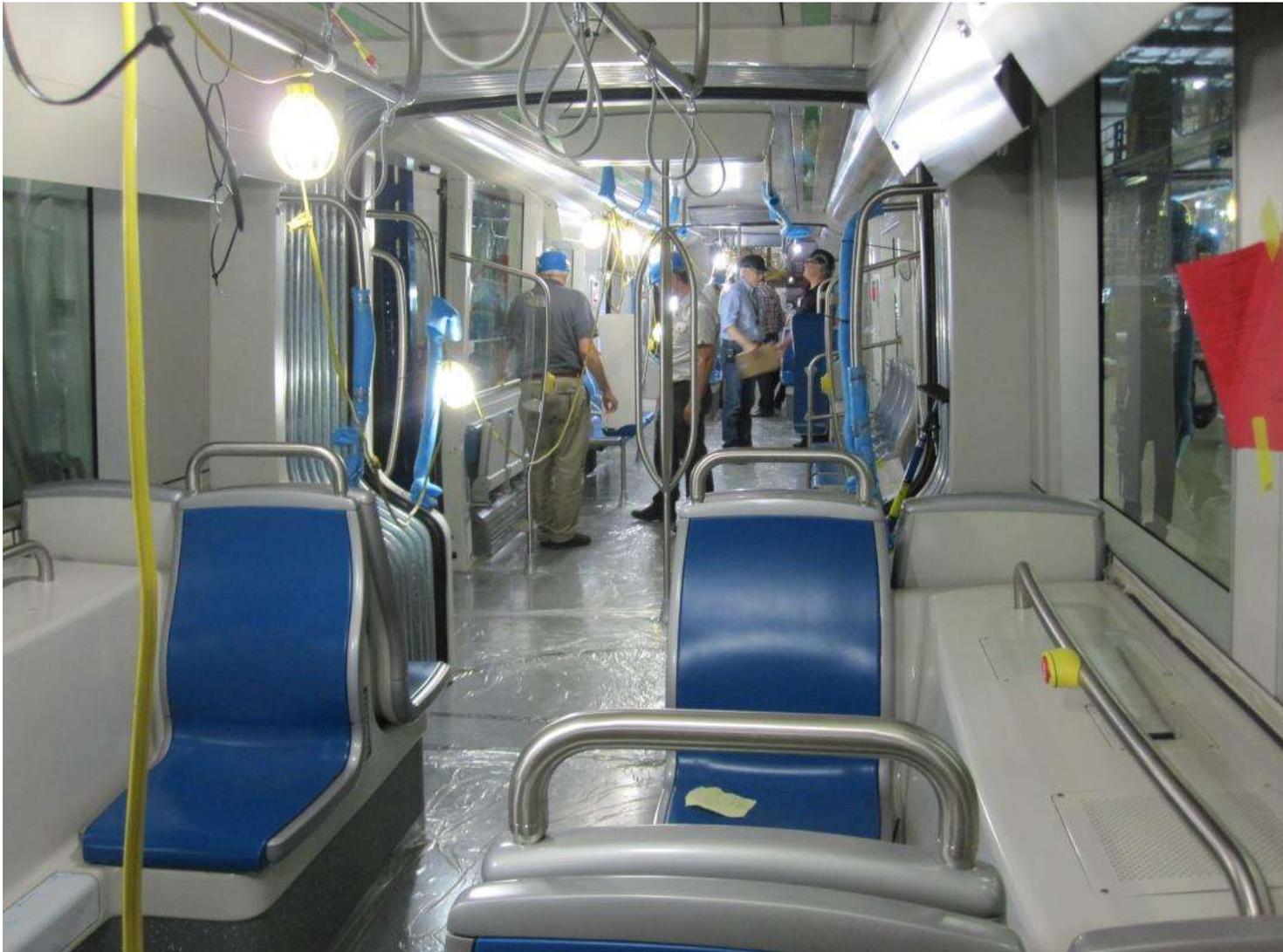
Static Test under power for Car #1

3.2 DESIGN & PRODUCTION ACTIVITIES



Towing Car #2 to static test position

3.2 DESIGN & PRODUCTION ACTIVITIES



Project team in Elmira reviewing progress on Car #2 with their on-site inspector

3.2 DESIGN & PRODUCTION ACTIVITIES

Week of July 20, 2015



Project team in Elmira discussing roof seam issue with CAF team

3.2 DESIGN & PRODUCTION ACTIVITIES



Door speed adjustment for Car #1

3.2 DESIGN & PRODUCTION ACTIVITIES



Car unit #2 event recorder static test with rear-view cameras functioning

3.2 DESIGN & PRODUCTION ACTIVITIES



Car unit #2 review during on-site visit by project team and CAF team

3.2 DESIGN & PRODUCTION ACTIVITIES



CAF technicians testing under power individual motor/wheel unit on a vehicle truck

3.2 DESIGN & PRODUCTION ACTIVITIES



Uncrating carshell for Car Unit #4

4.0 BUDGET & EXPENDITURES

- Through July 31, 2015:
 - \$94,657,866 has been expended on the project (not including Duke escrow)
 - \$33,410,921 remains encumbered against open contractual obligations on the project
- Major Contract Activity:
 - Eight change orders to the MPD construction contract have been issued totaling \$2,256,383.35
 - Two change orders to the CAF vehicle contract have been issued totaling \$0
 - See Appendix A for breakout of Contingency Usage



BUDGET VS. EXPENSES

THROUGH 7/31/15

| BUDGET - June 2013 | | EXPENSES 7/31/2015 | | |
|------------------------------|------------------------------|--------------------------|-------------------------|--------------------------|
| Budget Category | Base + Allocated Contingency | Expended | Encumbered | Expend. + Encumb. |
| Pre-Development | \$ 1,313,786.00 | \$ 1,264,628.13 | \$ 49,157.87 | \$ 1,313,786.00 |
| Design | \$ 14,598,719.00 | \$ 14,313,044.86 | \$ 19,571.85 | \$ 14,332,616.71 |
| Real Estate | \$ 2,010,143.00 | \$ 2,011,186.00 | \$ - | \$ 2,011,186.00 |
| Construction | \$ 52,511,908.33 | | | |
| MOF | \$ 11,914,668.98 | | | |
| Utilities (Project) | \$ 6,958,405.62 | \$ 59,785,371.61 | \$ 11,599,611.32 | \$ 71,384,982.93 |
| Utilities (3rd Party) | \$ 6,225,065.37 | \$ 2,574,494.38 | \$ 3,092,363.76 | \$ 5,666,858.14 |
| Vehicles | \$ 25,213,095.40 | \$ 7,690,343.10 | \$ 16,261,577.41 | \$ 23,951,920.50 |
| Fare Vending | \$ 550,000.00 | \$ - | \$ - | \$ - |
| City Project Administration | \$ 4,441,476.27 | \$ 3,023,508.00 | \$ - | \$ 3,023,508.00 |
| SORTA Project Administration | \$ 2,100,000.00 | \$ 1,022,484.78 | \$ 977,515.22 | \$ 2,000,000.00 |
| Start-up | \$ 250,000.00 | \$ - | \$ - | \$ - |
| Unallocated Contingency | \$ 4,991,010.00 | \$ 2,972,805.61 | \$ 1,411,123.81 | \$ 4,383,929.42 |
| Subtotal | \$ 133,078,277.97 | \$ 94,657,866.47 | \$ 33,410,921.24 | \$ 128,068,787.70 |
| Utilities (Duke Escrow) | \$ 15,000,000.00 | \$ 15,000,000.00 | \$ - | \$ 15,000,000.00 |
| Grand Total | \$ 148,078,277.97 | \$ 109,657,866.47 | \$ 33,410,921.24 | \$ 143,068,787.70 |

* Construction Expenditures include \$2.95 Million in unreleased retainage on MPD contract .
 Vehicle Expenditures include \$294,935 in unreleased retainage on CAF contract

CONTINGENCY USAGE

Through 7/30/15

| Through: | July 30, 2015 | | | | |
|--------------------------------|------------------------|----------------------------|--------------------------|----------------------------|--------------------------|
| Budget Category | Contingency Budget | Completed Contingency Uses | Pending Contingency Uses | Estimated Contingency Uses | Contingency Remaining |
| ALLOCATED CONTINGENCY | | | | | |
| Pre-Development | \$ - | \$ - | | | \$ - |
| Design | \$ 202,370.96 | \$ - | | | \$ 202,370.96 |
| Real Estate | \$ - | \$ - | | | \$ - |
| Construction | | | | | |
| MOF | \$ 2,000,000.00 | \$ 1,359,248.32 | \$ 190,008.00 | \$ - | \$ 450,743.68 |
| Utilities (Project) | | | | | |
| Utilities (3rd Party) | \$ 77,207.23 | \$ - | | | \$ 77,207.23 |
| Vehicles | \$ 2,101,722.40 | \$ 977,100.75 | | | \$ 1,124,621.65 |
| Fare Vending | \$ 50,000.00 | \$ - | | | \$ 50,000.00 |
| City Project Administration | \$ 190,800.63 | \$ - | \$ 190,800.63 | | \$ - |
| SORTA Project Administration | \$ 100,000.00 | \$ - | | | \$ 100,000.00 |
| Start-up | \$ - | \$ - | | | \$ - |
| Subtotal | \$ 4,722,101.22 | \$ 2,336,349.07 | \$ 380,808.63 | \$ - | \$ 2,004,943.52 |
| UNALLOCATED CONTINGENCY | | | | | |
| Unallocated Contingency | | \$ 1,385,418.50 | | \$ 253,707.00 | |
| Construction | \$ 4,991,010.00 | \$ 1,839,744.11 | | \$ 988,830.00 | \$ (1,017,506.64) |
| City Project Administration | | | \$ 931,868.72 | | |
| Design | | \$ 608,948.31 | | | |
| Subtotal | \$ 4,991,010.00 | \$ 3,834,110.92 | \$ 931,868.72 | \$ 1,242,537.00 | \$ (1,017,506.64) |
| Utilities (Duke Escrow) | \$ - | | | | \$ - |
| Grand Total | \$ 9,713,111.22 | \$ 6,170,459.99 | \$ 1,312,677.35 | \$ 1,242,537.00 | \$ 987,436.88 |

4.1 FEDERAL GRANT ACTIVITY

- Through July 31, 2015:
 - \$33,698,870 has been drawn (or submitted for draw) on the \$45.2 million in federal grants.
 - Approximately 75% of the federal grants have been drawn
 - Two of the four federal grants have been closed out: CMAQ and SORTA Rail ROW



GRANT DRAWDOWN SUMMARY

Through 7/31/15

| SOURCE | GRANT NUMBER | ALI CODE | Description | FEDERAL SHARE | | | |
|------------------|--------------|----------|----------------------|----------------------|----------------------|-------------|----------------------|
| | | | | Authorized | Drawn | Pending | Amount Remaining |
| Urban Circulator | OH-03-0303 | 12.79.00 | City Project Admin. | \$ 1,453 | \$ 1,453 | \$ - | \$ - |
| | | 12.79.00 | SORTA Project Admin. | \$ 1,388,545 | \$ 814,777 | | \$ 573,768 |
| | | 12.23.03 | Construction | \$ 7,600,000 | \$ 7,600,000 | \$ - | \$ (0) |
| | | 12.13.20 | Vehicles | \$ 16,000,000 | \$ 5,302,686 | | \$ 10,697,314 |
| Subtotal | | | | \$ 24,989,998 | \$ 13,718,916 | \$ - | \$ 11,271,082 |
| CMAQ | OH 95-X054 | 12.23.03 | Construction | \$ 4,000,000 | \$ 4,000,000 | | \$ - |
| Subtotal | | | | \$ 4,000,000 | \$ 4,000,000 | \$ - | \$ - |
| Rail ROW Grant | OH-90-X265 | 13.73.00 | Contingency | \$ 268,278 | \$ 268,278 | | |
| Subtotal | | | | \$ 268,278 | \$ 268,278 | \$ - | \$ - |
| TIGER 3 | OH 79-0002 | 12.79.00 | City Project Admin. | \$ 154,545 | \$ 154,545 | \$ - | \$ (0) |
| | | 12.79.00 | SORTA Project Admin | \$ 211,453 | \$ 3,130 | | \$ 208,323 |
| | | 12.23.03 | Construction | \$ 15,554,000 | \$ 15,554,000 | | \$ (0) |
| Subtotal | | | | \$ 15,919,998 | \$ 15,711,676 | \$ - | \$ 208,322 |
| TOTAL | | | | \$ 45,178,274 | \$ 33,698,870 | \$ - | \$ 11,479,404 |

•Drawn + Pending = 74.6% of Federal grant funds

5.0 JOB SITE SAFETY

- Prus Construction Company was recognized as the Safe Contractor of the Month in July.
- All on-site workers received project stickers and safety vests to identify them as part of the project team following their orientation.
- No lost time accidents were reported in June.
- Most minor incidents continue to involve utility damage because of miss-marked or un-marked facilities. Old street-lighting conduits are a particular problem.
- The Team has continued to work with Ohio Utility Protection Service (OUPS) and the Department of Public Services to insure up to date information and careful excavation by the contractors, both MPD and Third Party Utility Companies.



5.0 JOB SITE SAFETY

- Safety Oriented-To date: 858
- Safety Oriented-July: 29
- Safety Orientations-July: 7
- Total man-hours worked to date: 254,881
- Total man-hours worked without a lost time accident: 153,582
- Lost Time Accidents-To date: 3
- Lost Time Accidents-June: 0
- Incidents-To date: 145
- Incidents-June: 6



6.0 SORTA ACTIVITIES



SORTA's Rail Services Director leads a tour of the MOF for TRANSDEV

6.1 OPERATIONS & MAINTENANCE PLANNING

- Execution of contract 43-14 Streetcar Operations and Maintenance (O&M) Services with Transdev Services, Inc. occurred in July with the Notice to Proceed (NTP) anticipated on August 3, 2015.
- At NTP three key Transdev positions will start: General Manager John Claflin, Maintenance Manager Scott Archibald and Operations Manager/Safety and Security Liaison Phil Lind.
- The Transdev staff will temporarily office at the Metro administrative offices in the Gwynne Building until such time that the Maintenance and Operations Facility (MOF) is ready for occupancy.
- SORTA has ordered all items required for occupancy including phones, computers, other IT equipment, all-in-one printers and other miscellaneous items. Once the City of Cincinnati construction contractor (MPD) completes furniture installation the SORTA equipment will be installed and the MOF will be ready for move-in.
- The Director of Rail Services will be co-located at the MOF with the Transdev staff.



6.2 FARE EQUIPMENT

- The SORTA ticket vending machine (TVM) configuration is underway.
- SORTA is developing the screens on the TVM interface that will be used for customer interface to purchase the streetcar and Metro tickets. These screens will be optimized to make ticket purchase and validation “activation” as easy as possible.
- Delivery of the TVM units is still on schedule for October 2015.



6.3 STREETCAR VEHICLE EQUIPMENT

- SORTA staff joined the City of Cincinnati, LTK (City vehicle oversight consultants) and Transdev for meetings and inspections at the CAF USA facility in Elmira New York. Generally the vehicle production appeared to be of high quality.
- Major issues that were discussed with CAF that involve the system start-up included the delivery of spare parts, training, the list of special tools and the requirements for on-site CAF staff during testing and commissioning. The vehicle schedule was also discussed with requests from the City to CAF for a more detailed schedule.
- The visit to the CAF facility allowed the team to verify the design for the hold-downs for the wheel truing machine (WTM) purchased by SORTA. This will be how the WTM interfaces with the CAF car truck. The machine is on-schedule for delivery to Cincinnati for installation into the MOF in late August 2015. The City construction contractor, MPD, is making the modifications to the facility to accommodate the machine.



6.4 SAFETY & SECURITY CERTIFICATION

- Weekly Safety and Security Review Committee (SSRC) meetings were held in July. In addition to continued resolution of issues, efforts were focused on public communications outreach and coordination of safety communications between the City and SORTA.
- The City has completed approximately 50% of the construction safety and security verifications.
- During the Elmira site visit CAF indicated that updated RAMS documentation will be provided that should simplify the safety and security verification audit of the vehicle design.
- SORTA has negotiated Task #7 with Transportation Resource Associates (TRA) to provide further assistance through revenue service on the safety and security certification efforts.



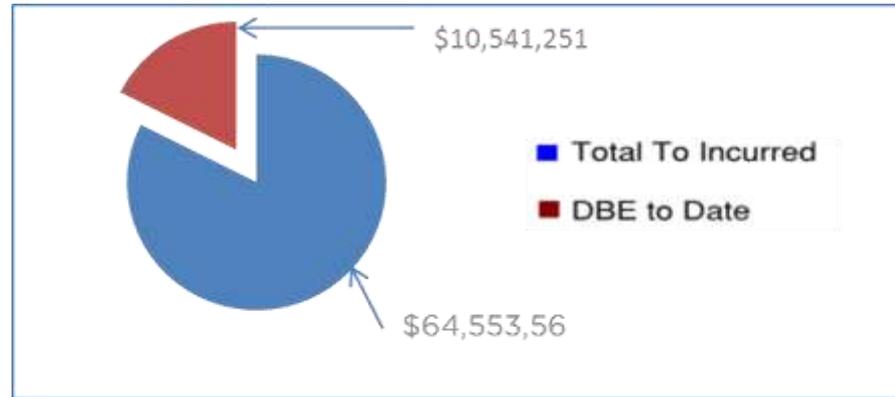
6.5 UPCOMING SORTA BOARD OF TRUSTEES ACTIONS

- Award of contract for Streetcar Operations & Maintenance Services and associated agreements took place.
- Approval of contract between SORTA and Downtown Cincinnati Improvement District governing streetcar operations and maintenance funding from the Voluntary Tax Incentive Contribution Agreement (VTICA) (anticipated September 2015)
- Approval of Fare and Service Equity Analysis/Title VI review including public hearings and any associated service changes (December 2015)



7.0 DBE & INCLUSION

DBE Spend To Date:
16.6%



- MPD reports a DBE Spend at end of July: 16.6%, up from June, but below the target of 18%.
- The City will continue to monitor MPD's reporting and performance against the DBE goal and seek ways to maximize DBE spending and discuss during weekly construction progress meetings.
- MPD reports that work could still on track to meet the DBE sub-contracting goal of 18% at the time of final billing. but the tallying of final quantities may show them below their goal

DBE & INCLUSION

Workforce Inclusion Compliance

- City requirements under the contract establish workforce inclusion goals for MPD as well. The City requirements establish inclusion goals for the contractor's aggregate workforce in Hamilton County throughout the term of the contract. The chart below summarizes hours worked on the contract (Actual) as well as the countywide workforce inclusion goals:

| Minority & Female Utilization | | |
|-------------------------------|---------------|-------------|
| | <u>Actual</u> | <u>Goal</u> |
| Minority Hours | 18.8% | 11.9% |
| Female Hours | 3.9% | 6.9% |
| Minority Female | 67.5% | 50.0% |



8.0 FEDERAL OVERSIGHT ACTIVITIES

- All activities undertaken by the project have to date met Federal Transit Administration rules and regulations.
- The City and SORTA each have responsibility for ensuring that the project adheres to FTA guidelines governing such areas as procurement, project management, financial management, operations and maintenance, Buy America, and safety and security certification.
- Project staff responded to various requests for information from FTA and the PMOC throughout the reporting period.
- The monthly meeting/teleconference with the FTA Regional Office, SORTA, the City and the PMOC was held on July 14, 2015. No new significant work items were identified.
- The next Quarterly Review Meeting will take place in Cincinnati in September 2015, with participation by the FTA Regional Office personnel, the PMOC, SORTA, and the City.



Appendix B
Change Orders, Contingency Allocations

Through: July 30, 2015

| ID | Budget Category | Source | Contract | Contingency Usage Type | Contingency Usage # | Date | Description | Status | AMOUNT (7/30/15) |
|----|-----------------------------|-------------------------|-------------|------------------------|---------------------|------------|---|-----------|------------------|
| 1 | Construction | Base | MPD | Change Order | 1 | 8/2/2013 | Labor, bonding, and materials costs associated with delay in contract NTP date. | Complete | \$ 492,933.00 |
| 2 | Construction | Unallocated Contingency | MPD | Change Order | 2 | 1/14/2014 | Delay costs appropriated by City Council for Council-mandated "pause" | Complete | \$ 100,000.00 |
| 3 | Construction | Unallocated Contingency | MPD | Change Order | 3 | 1/28/2014 | Adds for additional potholing and prevailing wage; credits for sewer manhole redesign and removal of communication conduits | Complete | \$ 359,745.00 |
| 4 | Construction | Allocated Contingency | MPD | Contingency Allocation | 1 | 11/8/2013 | Empty conduit crossings; non-perform test station | Complete | \$ 15,791.64 |
| 5 | Construction | Allocated Contingency | MPD | Contingency Allocation | 2 | 11/8/2013 | GCWW field conditions | Complete | \$ 3,571.00 |
| 6 | Construction | Allocated Contingency | MPD | Contingency Allocation | 3 | 12/30/2013 | Mortar for granite pavers | Complete | \$ 6,825.00 |
| 7 | Construction | Allocated Contingency | MPD | Contingency Allocation | 4 | 12/30/2013 | Additional abatement at MOF site | Complete | \$ 32,290.65 |
| 8 | Construction | Allocated Contingency | MPD | Contingency Allocation | 5 | 1/30/2014 | Cast iron detectable warning; add. Geopiers; dielectric membrane; MOF conditions, others | Complete | \$ 31,309.00 |
| 9 | Unallocated Contingency | Unallocated Contingency | Thelen | Certification | N/A | 10/21/2013 | Materials testing | Complete | \$ 108,594.50 |
| 10 | Unallocated Contingency | Unallocated Contingency | KPMG | Certification | N/A | 12/11/2013 | City Council-mandated audit costs | Complete | \$ 250,000.00 |
| 11 | Unallocated Contingency | Unallocated Contingency | Transystems | Certification | N/A | 8/30/2013 | Schedule review support | Complete | \$ 60,728.00 |
| 12 | Construction | Unallocated Contingency | MPD | Change Order | 4 | 4/7/2014 | Revised underground conduit crossings: revised OCS poles; revised Trapeze allowance;MOF vehicle APS changes; | Complete | \$ 265,211.25 |
| 13 | Construction | Unallocated Contingency | MPD | Change Order | 5 | 4/21/2014 | City Council-mandated Delay Claim | Complete | \$ 637,108.00 |
| 14 | Design | Unallocated Contingency | PB | Certification | N/A | 8/25/2014 | Additional construction support work needed | Complete | \$ 608,948.31 |
| 15 | Construction | Unallocated Contingency | MPD | Change Order | 6 | 7/22/2014 | Water Works design changes | Complete | \$ 313,782.44 |
| 16 | Construction | Allocated Contingency | MPD | Contingency Allocation | 6 | 4/24/2014 | Misc. MOF mods, telecom conduit for MOF, GCWW force acct., Cent. Pkwy. Irrigation | Complete | \$ 79,870.00 |
| 17 | Construction | Allocated Contingency | MPD | Contingency Allocation | 7 | 5/9/2014 | WTM conduit; Findlay dielectric membrane; Elm St. mill | Complete | \$ 52,503.00 |
| 18 | Unallocated Contingency | Unallocated Contingency | Transystems | Certification | N/A | 7/22/2014 | Task 4 - Schedule review support through MOF completion | Complete | \$ 68,854.00 |
| 19 | Unallocated Contingency | Unallocated Contingency | Duke Energy | Certification | N/A | 7/31/2014 | Electrical service installation costs | Complete | \$ 200,000.00 |
| 20 | Construction | Allocated Contingency | MPD | Contingency Allocation | 8 | 7/22/2014 | basement encroachment, cellar door, GCWW force acct.,manhole mods | Complete | \$ 130,151.00 |
| 21 | Construction | Allocated Contingency | MPD | Contingency Allocation | 9 | 10/1/2014 | various MOF, sewer, GCWW, other revisions, | Complete | \$ 301,038.40 |
| 22 | Construction | Allocated Contingency | MPD | Contingency Allocation | 10 | 11/17/2014 | Contingency Allocation #10 | Complete | \$ 210,137.50 |
| 23 | Unallocated Contingency | Unallocated Contingency | DELTA Mfg. | Certification | N/A | 11/17/2014 | Wheel Truing Machine | Complete | \$ 606,000.00 |
| 24 | Construction | Allocated Contingency | MPD | Contingency Allocation | N/A | TBD | Submitted ECI's from MPD | Pending | \$ 121,837.00 |
| 25 | Construction | Allocated Contingency | MPD | Contingency Allocation | N/A | TBD | Estimated ECI's from MPD | Pending | 68,171.00 |
| 26 | Construction | Allocated Contingency | MPD | Contingency Allocation | N/A | TBD | TPSS# 2 and 3 screenwall changes | Estimated | |
| 27 | Construction | Unallocated Contingency | MPD | Change Order | N/A | TBD | Spare Switch Points | Estimated | \$ 40,000.00 |
| 28 | Construction | Unallocated Contingency | MPD | Change Order | N/A | TBD | MOF Cameras and Alarm? | Estimated | 200,000.00 |
| 29 | City Project Administration | Unallocated Contingency | City | Certification | N/A | TBD | City- Additional Staff Time | Pending | \$ 931,868.72 |
| 30 | City Project Administration | Allocated Contingency | City | Certification | N/A | TBD | City- Additional Staff Time | Pending | 190,800.63 |
| 31 | Construction | Unallocated Contingency | MPD | Change Order | N/A | TBD | MOF Telecom wiring | Estimated | |
| 32 | Construction | Allocated Contingency | MPD | Contingency Allocation | N/A | TBD | Ford Force Account | Estimated | |
| 33 | Vehicles | Allocated Contingency | LTK | Certification | N/A | TBD | LTK - Additional Staff Time | Complete | 977,100.75 |

Appendix B
Change Orders, Contingency Allocations

Through: July 30, 2015

| ID | Budget Category | Source | Contract | Contingency Usage Type | Contingency Usage # | Date | Description | Status | AMOUNT (7/30/15) |
|----|-------------------------|-------------------------|-------------|------------------------|---------------------|-----------|--|-----------|------------------|
| 34 | Unallocated Contingency | Unallocated Contingency | Duke Energy | Certification | N/A | TBD | Duke hookup costs | Estimated | \$ 130,000.00 |
| 35 | Construction | Unallocated Contingency | MPD | Change Order | N/A | TBD | Additional Quantities Needed | Estimated | \$ 525,000.00 |
| 36 | Unallocated Contingency | Unallocated Contingency | TBD | Certification | N/A | TBD | Misc. MOF fit out needs, WTM mods | Estimated | \$ 123,707.00 |
| 37 | Construction | Unallocated Contingency | TBD | Certification | N/A | TBD | Bike Racks, pervious concrete | Estimated | |
| 38 | Unallocated Contingency | Unallocated Contingency | Transystems | Certification | Task 5 | 2/12/2015 | Schedule review support Task 5 | Complete | \$ 71,242.00 |
| 39 | Construction | Allocated Contingency | MPD | Contingency Allocation | 11 | 1/7/2015 | Partial depth repair, handrail on Race, misc. items | Complete | \$ 56,592.02 |
| 40 | Construction | Unallocated Contingency | MPD | Change Order | 7 | 3/18/2015 | Lifting Jacks settlement, Owner-supplied Equipment mod., TPSS negative drainage conduit | Complete | \$ 67,630.00 |
| 41 | Construction | Unallocated Contingency | MPD | Change Order | TBD | TBD | Station Stop mods for TVM installation | Estimated | \$ 180,000.00 |
| 42 | Unallocated Contingency | Unallocated Contingency | TBD | TBD | TBD | TBD | 12th & Race Overhead Light modification | Estimated | |
| 43 | Construction | Unallocated Contingency | MPD | Change Order | 8 | 3/20/2015 | TPSS Screenwall changes | Complete | \$ 19,973.66 |
| 44 | Construction | Allocated Contingency | MPD | Contingency Allocation | 12 | TBD | MOF prox readers, wayside power changes Ford FA, Type 3 waterproofing, other misc. field issues | Complete | \$ 267,924.00 |
| 45 | Unallocated Contingency | Unallocated Contingency | Thelen | Certification | N/A | 3/24/2015 | Additional materials testing | Complete | \$ 20,000.00 |
| 46 | Construction | Unallocated Contingency | MPD | Change Order | N/A | TBD | Central Parkway /Walnut OCS conflicts | Estimated | \$ 20,000.00 |
| 47 | Construction | Unallocated Contingency | MPD | Contingency Allocation | N/A | TBD | Traffic Boom Arm Bolt Pattern conflict | Estimated | \$ 23,830.00 |
| 48 | Construction | Allocated Contingency | MPD | Contingency Allocation | 13 | TBD | special concrete finishing on Main, wayfinding on 2nd, MOF tread ladder, Oil./Water separator, additional sewer manhole, ped pole mods, Ford FA through Jan 2015 | Complete | \$ 120,408.11 |
| 49 | Construction | Allocated Contingency | MPD | Contingency Allocation | 14 | TBD | capped manhole, utility conflict modification, subway OCS survey, Ford FA, various MOF design errors, shelter damage | Complete | \$ 50,837.00 |