



C I N C I N N A T I
STREETCAR™

MONTHLY REPORT

January 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/>



ACRONYMS

CFD	Cincinnati Fire Department
CPD	Cincinnati Police Department
DBE	Disadvantaged Business Enterprises
FAI	First Article Inspection
FLSSC	Fire Life Safety and Security Committee
FTA	Federal Transit Administration
MOF	Maintenance And Operations Facility
OCS	Overhead Contact System
OUPS	Ohio Utility Protection Service
SORTA	Southwest Ohio Regional Transit Authority
SSRC	Safety and Security Review Committee
TPSS	Traction Power Substation
TVM	Ticket Vending Machine



PROGRESS SUMMARY

- January construction and streetcar production continued to progress within schedule to start operations in September 2016.
- The project has continued to be within its appropriated budget.
- The construction contract continued to be on target to meet the Disadvantaged Business Enterprise (DBE) target.
- Utility construction, both under the City's contract with Mess-Prus-Delta Rail Joint Venture (MPD) and through third party utilities, has continued on schedule to support the track construction and within their respective allocated budgets.



PROGRESS DETAILS

- Revenue Track Complete 12,900 of 18,600 ft. (69%)
- OCS Pole Foundations 224 of 317 complete (71%)
- OCS Poles 223 of 328 complete (68%)
- Traffic Signal Foundations 78 of 96 complete (81%)
- Traffic Signal Poles 62 of 95 complete (65%)
- Lane Miles Paved 3.75 of 14 complete
- Station Stops 12 of 18 complete
- Traction Power Substations 4 of 4 delivered
- Special Trackwork 12 of 12 switches installed



2.1 CONSTRUCTION CONTRACT SCHEDULE

- Maintenance and Operations Facility (MOF) and test track completion – March 21, 2015
- Over-The-Rhine Loop Completion – July 19, 2015
- Completion of all work – April 4, 2016
- Revenue Service start – September 15, 2016 (unchanged from original construction contract with MPD)
- Work on schedule to meet the above deadlines.
- Summary schedule follows



JANUARY 2015 SCHEDULE SUMMARY

ID	Description	Original Duration	Start	Finish	Area	2015		2016	
						Start	Finish	Start	Finish
Elm/ 12th to Henry									
1	MOT/Road Removal/Trackwork Start	1	09/16/13A	09/16/13A	Elm/ 12th to Henry				
2	Track/Road Complete	1	01/09/14A	01/09/14A	Elm/ 12th to Henry				
Race/ Elder to 12th									
3	MOT/Road Removal/Trackwork Start	1	12/26/13A	12/26/13A	Race/ Elder to 12th				
4	Track/Road Complete	1	04/01/14A	04/01/14A	Race/ Elder to 12th				
Central/ Race to Main									
5	MOT/Road Removal/Trackwork Start	1	03/24/14A	03/24/14A	Central/ Race to Main				
6	Track/Road Complete	1	06/18/14A	06/18/14A	Central/ Race to Main				
12th/ Main to Elm									
7	MOT/Road Removal/Trackwork Start	1	04/21/14A	04/21/14A	12th/ Main to Elm				
8	Track/Road Complete	1	07/17/14A	07/17/14A	12th/ Main to Elm				
OTR Turns and Diamond									
11	MOT/Road Removal/Trackwork Start	1	06/30/14A	06/30/14A	OTR Turns and Diamond				
12	Track/Road Complete	1	08/13/14A	08/13/14A	OTR Turns and Diamond				
MOF Area Turn Outs									
9	MOT/Road Removal/Trackwork Start	1	08/28/14A	08/28/14A	MOF Area Turn Outs				
10	Track/Road Complete	1	12/31/14	12/31/14	MOF Area Turn Outs				
Walnut/Central to 2nd									
13	MOT/Road Removal/Trackwork Start	1	08/11/14A	08/11/14A	Walnut/Central to 2nd				
14	Track/Road Complete	1	03/09/15	03/09/15	Walnut/Central to 2nd				
2nd Street and Bridges									
15	MOT/Road Removal/Trackwork Start	1	09/02/14A	09/02/14A	2nd Street and Bridges				
16	Track/Road Complete	1	03/30/15	03/30/15	2nd Street and Bridges				
Main/2nd to 12th									
17	MOT/Road Removal/Trackwork Start	1	04/01/15	04/01/15	Main/2nd to 12th				
18	Track/Road Complete	1	08/24/15	08/24/15	Main/2nd to 12th				
OTR									
20	3000' Test Track	0		03/22/15	OTR				
25	MOF Complete	0		03/22/15	OTR				
30	Power and Stations - OTR	0		07/19/15	OTR				
CBD									
50	Power, Stations, Paving, and Closeout - CBD	0		04/04/16	CBD				
60	Pay Service Available	0		09/30/16	CBD				

Start Date: 01/01/13
 Finish Date: 09/30/16
 Data Date: 01/31/15
 Run Date: 03/03/15

Cincinnati Streetcar
 Contract #121C009050
 February 1, 2015 - Project Schedule



2.2 TRACKWORK AND ASSOCIATED CONSTRUCTION

- Track concrete & rail installation continued on 2nd, Walnut – Main Streets; at 6th & Walnut; Race & Elder; and the MOF yard.
- Concrete work on Stop #1 at The Banks started in January 2015.
- Railings were installed at Stop #11, Race St. Findlay Market.
- Sidewalk and Handicapped ramp restoration continued on Race, Henry-Elder and began on 2nd, Walnut-Main.
- Approach slab work completed at 3rd & Main in January.
- Temporary pavement restoration took place at Walnut & 12th in January 2015.
- Traffic control conduits were installed on Walnut; 4th - 6th & 7th - 9th.



2.2 TRACKWORK AND ASSOCIATED CONSTRUCTION

- Traction Power Sub-Station (TPSS) #1 conduit was installed near the Riverfront Transit Center east entrance.
- Pole foundations were installed on Walnut, 4th – 5th and E. Court Streets and on Race in front of the MOF.
- OCS poles were again set on Henry near Race; Race, 12th – Central Parkway; at Walnut & E. Court & near TPSS #1.
- OCS bracket and arm installation continued last month on Elm, 12th-Henry and in the MOF yard.
- OCS wires were pulled on Elm, 12th –Henry the last week of January.

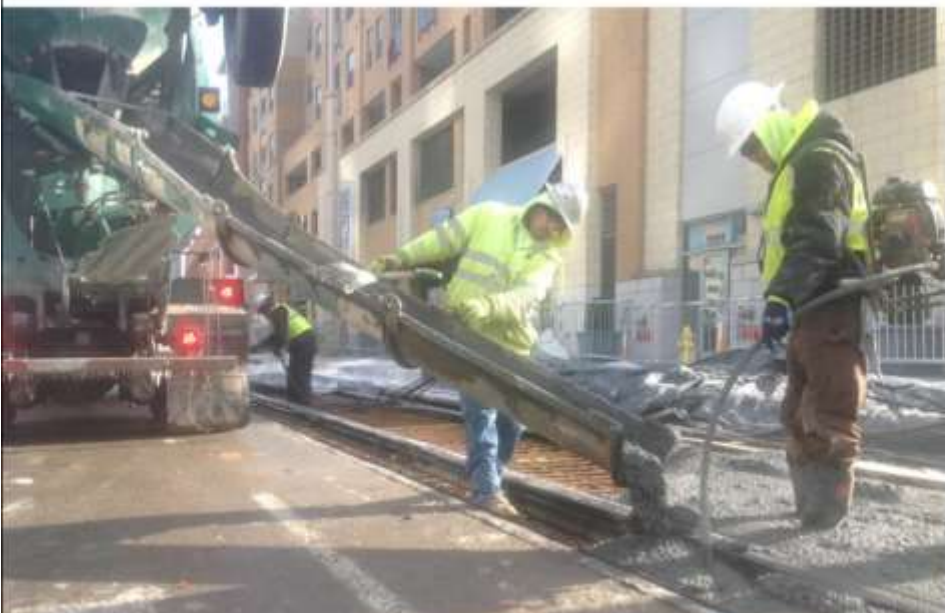


2.2 TRACKWORK AND ASSOCIATED CONSTRUCTION

CONSTRUCTION STATUS

- Track Completed Through Jan 26
- Scheduled- Feb-Mar 2015





Trackwork on Second Street over the Transit Center

2.2 TRACKWORK AND ASSOCIATED CONSTRUCTION



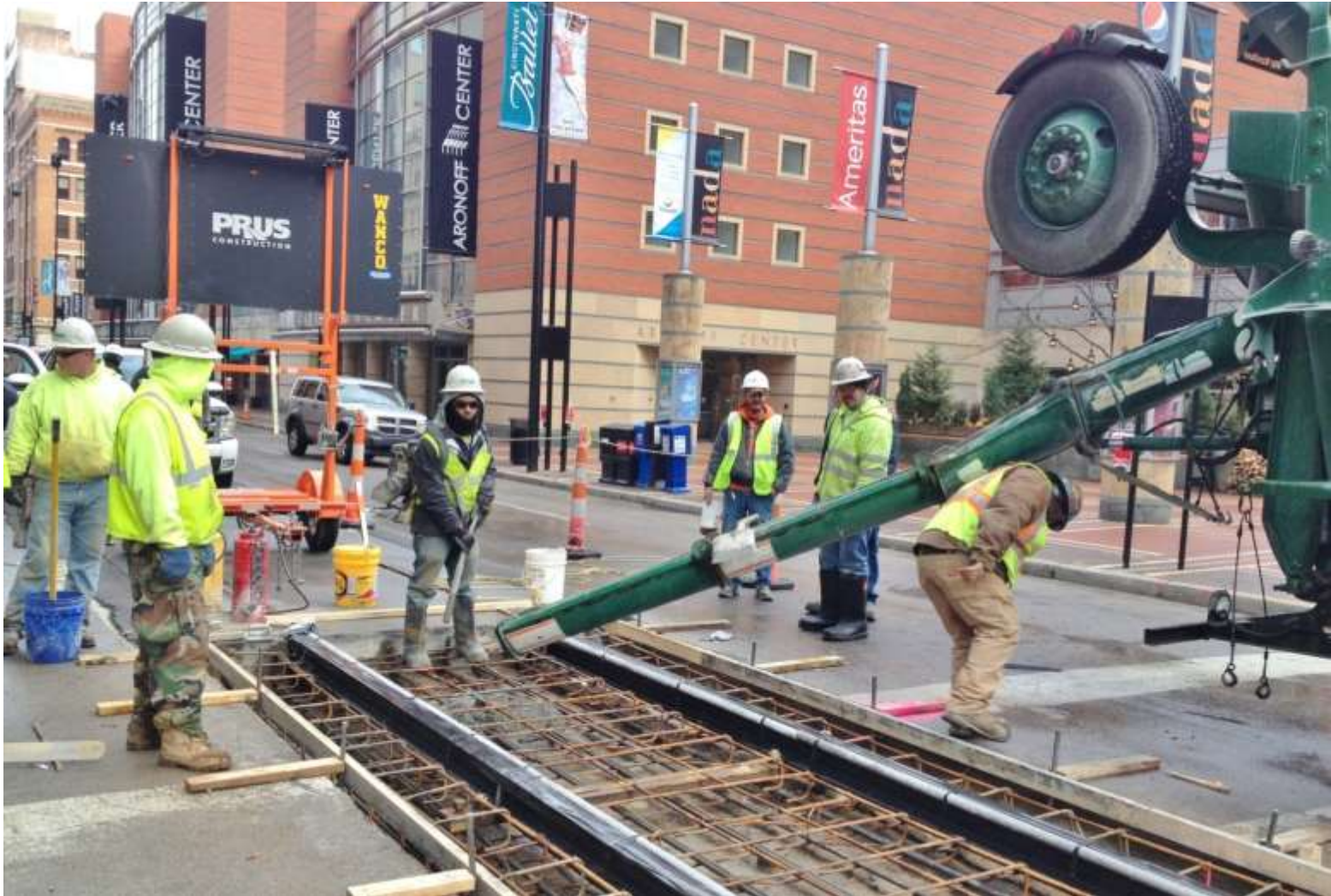
Cincinnati Police assist traffic movement during Walnut Street track slab work at 6th St.

2.2 TRACKWORK AND ASSOCIATED CONSTRUCTION



Rail welding for trackwork on Walnut Street adjacent to Metrobot

2.2 TRACKWORK AND ASSOCIATED CONSTRUCTION



Concrete placement for trackbed crossing 6th Street on Walnut Street

2.3 MAINTENANCE & OPERATIONS FACILITY

With work nearly complete on the building, weather permitting, site concrete paving and exterior fencing continued in January. Inside, miscellaneous testing, punch-list and closeout items took place.



Aerial view of the MOF from the west with the Rhinegeist Brewery in the foreground

2.3 MAINTENANCE & OPERATIONS FACILITY



Installing bracket for MOF OCS support

2.3 MAINTENANCE & OPERATIONS FACILITY



Covering fresh MOF sidewalk concrete with blankets during curing

2.3 MAINTENANCE & OPERATIONS FACILITY



Trackwork at the MOF

2.3 MAINTENANCE & OPERATIONS FACILITY



Trackwork at the MOF, thermite welding electrical continuity jumper

2.3 MAINTENANCE & OPERATIONS FACILITY



Trackslab concrete placement at the MOF

2.4 UTILITY WORK

- Duke Electric approx. 80% complete
- Duke Gas approx. 99% complete
- Cincinnati Bell 99% complete
- Water (contract work) approx. 85% complete
- Level 3 100% complete
- Chilled Water 100% complete
- Time Warner Cable approx. 90% complete
- MSD (Sewer) approx. 95% complete



2.4 UTILITY WORK

2.4.1 Contract utility work

- Water main tie-ins continued on Main Street, 6th - 9th Streets in January.
- Sewer work continued on Main Street, 9th - 12th Streets.
- Traffic signal work continued at the Race & Elder intersection and the Race Street and Central Parkway intersection.
- Traffic control conduits were installed on Walnut; 4th - 6th and 7th - 9th.
- Traction Power Sub-Station (TPSS) #1 conduit was installed near the Transit Center East Entrance.
- Pole foundations were installed on Walnut, 4th - 5th, East Court Streets and on Race in front of the Maintenance and Operating Facility (MOF).



2.4 UTILITY WORK



Setting an OCS Pole at the MOF Yard



Pulling power cable into TPSS #4
at the MOF Yard

2.4 UTILITY WORK



Rigging an OCS bracket prior to contact wire pull on Elm Street

2.4 UTILITY WORK



Late night contact wire pull on Elm Street

2.4 UTILITY WORK



Contact wire on Elm Street after initially 1500 lbs. of tensioning

2.4 UTILITY WORK



Watermain tie-in at 9th & Main adjacent to office building just converted to apartments

2.4 UTILITY WORK

2.4.2 Third-party utility work

- With the exception of continuing Duke Energy electric work and clean-up of Time-Warner's system in Over-the-Rhine, other utility companies are virtually complete.
- Duke Energy continued through January constructing the manhole and conduit system at 5th St and Main St.
- Duke Energy continued through January to pull cable into their new systems on Main St. This work will continue through the end of April 2015.



2.4.2 THIRD PARTY UTILITY WORK



Duke completing manhole construction at 5th and Main Streets

2.5 COMMUNITY INVOLVEMENT

- Stakeholders Meeting was held on Wednesday 1/14/15 in the Public Library Tower Room. Next session is scheduled for Wednesday 2/11/15 at Christ Church, 318 E. 4th St.
- The Project Team worked throughout the month with RoadMapCincy.com, producing Media Alerts on upcoming traffic impacts.
- Extensive communication occurred in January with Cincinnati Police Department (CPD) and numerous stakeholders around the Banks area to coordinate various upcoming riverfront projects, including Streetcar activities.
- The 6th & Walnut closure over the Martin Luther King weekend required significant coordination efforts with stakeholders around the location and CPD to sort through access issues and traffic control and to develop and distribute communication alerts.



2.5 COMMUNITY INVOLVEMENT

- The first OCS wire installation required extensive coordination with the neighborhood, CPD and CFD, including a media availability with the City project management team and SORTA's safety and security team.
- The Project Executive presented a project update to the Cincinnati Women's Club, including an extensive question and answer session.
- SORTA's Rail Services Director and the City's Project Executive presented an project update including early economic impact data to the David Allor Planning Workshop sponsored by Ohio Chapter of the American Planning Association.
- The City's Project Manager and Project Executive provided a presentation and a question and answer session for the Cincinnati Regional Business Committee.



2.5 COMMUNITY INVOLVEMENT

- MPD and City staff continued to canvas various blocks along the route to inform residences and businesses of upcoming work.
- Open for Business signs followed locations impacted by utility and track work throughout the route.
- Extensive coordination with Findlay Market continued throughout January.
- The Team presented to the City Council Major Transportation committee as part of their initiative to keep City Council informed on the project.
- The Team attended the monthly Joint Operations Taskforce meeting for the Central Riverfront to help communicate and coordinate ongoing work on riverfront, including trackwork and construction of Stop #1 platform



2.6 MPD BILLINGS - JANUARY 2015

Bid Form Section	Total	Prev. Incurred	December (Net ret)
Behind the Curb Work	\$1,456,894	\$29,491	\$5,386
Central Parkway Median	\$116,455	\$102,839	\$3,562
Civil, Roadway and Drainage	\$10,445,950	\$6,713,654	\$266,712
Communication System	\$1,228,959	\$173,907	\$0
Corrosion Control	\$354,682	\$223,450	\$10,640
Misc. Items	\$5,075,000	\$3,564,887	\$64,799
MOF Civil and Track	\$3,170,177	\$2,298,644	\$275,758
MOF	\$8,744,492	\$7,534,258	\$270,680
OCS Mainline	\$5,502,798	\$1,786,559	\$956,092
Signal System Streetcar	\$669,588	\$296,387	\$129,247
Streetcar Stop Shelters and Sitework	\$2,243,714	\$1,097,596	\$63,476
Trackwork on Grade	\$13,018,686	\$10,110,876	\$204,482
Trackwork on Structures	\$2,950,663	\$781,500	\$648,565
Traction Power	\$6,566,003	\$3,842,210	\$678,484
Traffic Signals and Lighting	\$4,793,179	\$2,141,057	\$79,884
Water Main - Main Street	\$2,508,352	\$2,018,959	\$69,644
Water Main - Walnut Street	\$2,046,457	\$1,785,036	\$0
CO#1	\$492,933	\$17,285	\$10,000
CO#2	\$100,000	\$52,861	\$0
CO#3	\$359,745	\$388,750	\$17,500
CO#4	\$265,211	\$76,673	-\$1,000
CO#5	\$637,108	\$637,108	\$0
CO#6	\$313,782	\$128,782	\$0
Totals:	\$73,060,830	\$45,802,769	\$3,753,912

3.0 VEHICLES

- Vehicle production continued throughout January with carshell fabrication continuing in Spain as well as assembly of the first two cars at CAF's facility in Elmira.
- Major activities in January focused on:
 - submittal and approval of test procedures
 - continued testing and First Article Inspection (FAI) activities
 - Continued assembly of vehicle Units #1 and #2 in Elmira
 - Continued fabrication of carbody and truck components in Spain



3.1 VEHICLE SCHEDULE

- Vehicle production remains on schedule to meet the deadlines established in August 2014 Change Order reflecting the schedule impacts of the December 2013 City Council-mandated “pause” on the vehicle contract.
- CAF subsuppliers will need to meet delivery targets to keep vehicle production on schedule. In addition, approval of test procedures and passage of qualification and other tests will be critical to keeping vehicle production on schedule to meet the contractual delivery dates.

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

3.2 DESIGN & PRODUCTION ACTIVITIES

- The City's vehicle engineering consultant, LTK employs a full time inspector in CAF's Elmira, NY assembly plant. Major inspection activities conducted in January include:

Inspection	Location	Date
Unit #1 C2 & S module roof inspection prior to assembly	Elmira, NY	Jan. 20, 2015 Jan. 23, 2015
Unit #1 S module in-line watertightness local test	Elmira, NY	Jan. 22, 2015
PIS PAS PA & CCTV First Article Inspection	Ballston Spa, NY	Jan, 29, 2015
Unit #1 C2 & S module Roof assembly inspection	Elmira, NY	Jan. 30, 2015



3.2 DESIGN & PRODUCTION ACTIVITIES



Streetcar production in Elmira, NY



Wheel-sets attached to the truck frame



3.2 DESIGN & PRODUCTION ACTIVITIES



Worker wires the roof section



Interior of streetcar takes shape



4.0 BUDGET & EXPENDITURES

- Through January 31, 2015:
 - \$72,654,904.46 has been expended on the project (not including Duke escrow)
 - \$53,017,586.94 remains encumbered against open contractual obligations on the project
- Major Contract Activity:
 - Six change orders to the MPD construction contract have been issued totaling \$2,168,780
 - 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 1/31/15

BUDGET - June 2013		EXPENSES 1/31/2015		
Budget Category	Base + Allocated Contingency	Expended	Encumbered	Expend. + Encumb.
Federal				
Construction	\$ 52,511,908.33			
MOF	\$ 11,914,668.98			
Utilities (Project)	\$ 6,958,405.62	\$ 41,692,361.24	\$ 29,692,621.69	\$ 71,384,982.93
Utilities (3rd Party)	\$ 6,225,065.37	\$ 2,351,096.23	\$ 3,315,761.91	\$ 5,666,858.14
Fare Vending	\$ 550,000.00	\$ -		\$ -
City Project Administration	\$ 4,006,813.27	\$ 2,020,809.69	\$ -	\$ 2,020,809.69
SORTA Project Administration	\$ 2,100,000.00	\$ 801,690.56	\$ 1,198,309.44	\$ 2,000,000.00
Real Estate	\$ 2,010,143.00	\$ 2,011,186.00	\$ -	\$ 2,011,186.00
Start-up (capital)	\$ 250,000.00	\$ -	\$ -	\$ -
Vehicles	\$ 25,213,095.40	\$ 6,005,071.54	\$ 16,969,748.21	\$ 22,974,819.75
Unallocated Contingency	\$ 4,991,010.00	\$ 1,810,115.83	\$ 1,768,855.67	\$ 3,578,971.50
Subtotal	\$ 116,731,109.97	\$ 56,692,331.09	\$ 52,945,296.92	\$ 109,637,628.01
Utilities (Duke Escrow)	\$ 15,000,000.00	\$ 15,000,000.00	\$ -	\$ 15,000,000.00
Federal Total	\$ 131,731,109.97	\$ 71,692,331.09	\$ 52,945,296.92	\$ 124,637,628.01
Local				
Design	\$ 14,598,719.00	\$ 14,313,044.86	\$ 23,132.15	\$ 14,336,177.01
Pre-Development	\$ 1,313,786.00	\$ 1,264,628.13	\$ 49,157.87	\$ 1,313,786.00
City Project Administration	\$ 434,663.00	\$ 384,900.38	\$ -	\$ 384,900.38
Local Total	\$ 16,347,168.00	\$ 15,962,573.37	\$ 72,290.02	\$ 16,034,863.39
Grand Total	\$ 148,078,277.97	\$ 87,654,904.46	\$ 53,017,586.94	\$ 140,672,491.40

CONTINGENCY USAGE SUMMARY

THROUGH 1/29/15

Through:	January 29, 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	\$ 920,079.21	\$ 348,932.00	\$ 120,000.00	\$ 610,988.79
Utilities (Project)					
Utilities (3rd Party)	\$ 77,207.23	\$ -			\$ 77,207.23
Vehicles	\$ 2,101,722.40	\$ -	\$ 1,000,000.00		\$ 1,101,722.40
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	\$ 920,079.21	\$ 1,539,732.63	\$ 120,000.00	\$ 2,142,289.38
UNALLOCATED CONTINGENCY					
Unallocated Contingency		\$ 1,294,176.50	\$ 71,242.00	\$ 360,000.00	
Construction	\$ 4,991,010.00	\$ 1,675,846.69	\$ 62,710.00	\$ 950,000.00	\$ (982,570.02)
City Project Administration		\$ -	\$ 950,656.52		
Design		\$ 608,948.31			
Subtotal	\$ 4,991,010.00	\$ 3,578,971.50	\$ 1,084,608.52	\$ 1,310,000.00	\$ (982,570.02)
Utilities (Duke Escrow)	\$ -				\$ -
Grand Total	\$ 9,713,111.22	\$ 4,499,050.71	\$ 2,624,341.16	\$ 1,430,000.00	\$ 1,159,719.36

4.1 FEDERAL GRANT ACTIVITY

- Through January 31, 2015:
 - \$21,248,132 has been drawn on the \$45.2 million in federal grants.
 - An additional \$3,865,187 in grant drawdown requests are pending
- Two of the four federal grants have been closed out: CMAQ and SORTA Rail ROW



GRANT DRAWDOWN SUMMARY

THROUGH 1/31/15

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	\$ 638,150		\$ 750,395
		12.23.03	Construction	\$ 7,600,000	\$ 5,776,173	\$ 1,823,827	\$ (0)
		12.13.20	Vehicles	\$ 16,000,000	\$ 4,086,910	\$ 641,496	\$ 11,271,594
Subtotal				\$ 24,989,998	\$ 10,502,686	\$ 2,465,323	\$ 12,021,989
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	\$ 6,319,492	\$ 1,399,864	\$ 7,834,644
Subtotal				\$ 15,919,998	\$ 6,477,168	\$ 1,399,864	\$ 8,042,966
TOTAL				\$ 45,178,274	\$ 21,248,132	\$ 3,865,187	\$ 20,064,955

5.0 JOB SITE SAFETY

- 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 January.
- Most minor incidents continue to involve utility damage because of miss-marked or un-marked facilities. Old streetlighting 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: 719
- Safety Oriented-December: 23
- Safety Orientations-January: 8
- Total man-hours worked to date: 184,947
- Total man-hours worked without a lost time accident: 83,648
- Lost Time Accidents-To date: 3
- Lost Time Accidents-January: 0
- Incidents-To date: 100
- Incidents-January: 5



Safe Contractor of the Month:
January 2015 / Fenton Rigging



6.0 SORTA ACTIVITIES

6.1 Operations & Maintenance

- SORTA issued Request for Proposals (RFP) 43-4 for Streetcar Operations and Maintenance Services on January 6, 2015.
- An optional pre-proposal conference (pre-bid meeting) was held at SORTA on January 21, 2015. Several interested firms participated and the meeting included a briefing, questions and answer session and a technical tour of the streetcar alignment and the maintenance facility.
- SORTA staff has worked with City staff to finalize the approved operating agreement language for execution.



6.1 OPERATIONS & MAINTENANCE



Pre-proposal conference technical tour of the maintenance facility

6.2 FARE VENDING EQUIPMENT RFP

- SORTA has determined that use of the existing fare collection equipment contract options is the preferred approach for procurement of ticket vending machines (TVM).
- An amendment to the Streetcar Inter-Governmental Agreement between SORTA and the City of Cincinnati (Amendment #6) for joint funding of the procurement by SORTA of the TVM units will be taken to the SORTA Board of Trustees for consideration in March 2015.
- SORTA staff has worked with the City of Cincinnati to determine the technical requirements for installation of the TVM units at each stop, including the minor civil modifications and locations of the provisions for TVM power.



6.3 STREETCAR VEHICLE EQUIPMENT

- Trapeze, Inc., the SORTA Streetcar vehicle communications equipment vendor, continues to deliver equipment to the CAF USA facility in Elmira, NY. CAF is inventorying the equipment and entering them into their system to determine whether all of the equipment that is needed has been delivered and to facilitate future maintenance.
- Work on the SORTA contract with Delta Manufacturing for the provision of a Wheel Truing Machine (WTM) continues, with Delta working to finalize the design of the “hold downs” to interface the machine with the CAF vehicle.
- The City of Cincinnati is preparing the civil design for the minor modifications to the pit in the Maintenance and Operations Facility (MOF) to incorporate the wheel truing machine (WTM). The electrical and other “make ready” provisions have already been incorporated.



6.3 STREETCAR VEHICLE EQUIPMENT



Trapeze vehicle communication equipment

6.4 SAFETY & SECURITY CERTIFICATION

- A Safety and Security Review Committee (SSRC) meeting was held on January 9 and 23, 2015. The Ohio Department of Transportation is the FTA designated State Safety Oversight for Rail Transit in Ohio.
- Prior to the scheduled installation of the first overhead contact system wire over Elm Street, SORTA conducted a Fire Life Safety and Security Committee (FLSSC) meeting to coordinate with the appropriate first responders, utilities, and impacted government agencies so that there was an understanding of the safety implications.
- Public messaging regarding safety around streetcar contact wire (“always assume the wire is energized”) was coordinated including well attended media availability.



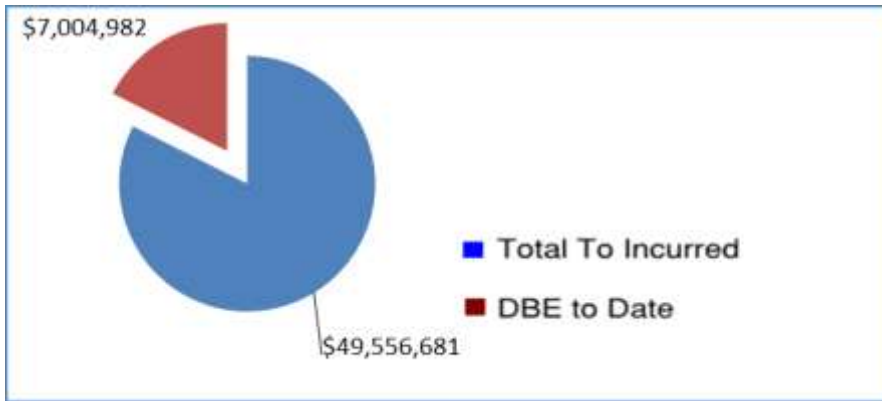
6.5 UPCOMING SORTA BOARD OF TRUSTEES ACTIONS

- Amendment #6 of Streetcar Inter-Governmental Agreement for purchase of Fare Collection and Miscellaneous Information Technology and Telephone Equipment for the Cincinnati Streetcar (March 2015)
- Award of contract for Streetcar Fare Collection Equipment (March 2015)
- Award of contract for Streetcar Operations & Maintenance Services and associated agreements (anticipated June 2015).



7.0 DBE & INCLUSION

- DBE Spend To Date: 14.1%, down slightly from December 2014. Weather impacted DBE subcontractors work and those billings will pick up in the spring.
- The City will continue to monitor the impact of any contract changes on MPD's performance against the DBE goal and seek ways to maximize DBE spending.
- Work is still on track to meet the DBE sub-contracting goal of 18%.



Hours	Actual	Goal
Minority	18.4%	11.9%
Female	6.1%	6.9%
Minority Female	61.4%	50.0%

7.0 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 regularly scheduled Quarterly Review Meeting took place in Cincinnati on January 28, 2015.
- The next Quarterly Review Meeting will take place in Cincinnati on March 4, 2015.



Appendix A
Change Orders, Contingency Allocations

Through: **January 29, 2015**

ID	Budget Category	Source	Contract	Contingency Usage Type	Contingency Usage #	Date	Description	Status	AMOUNT (1/29/15)
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, telecomm 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	\$ 189,765.00
25	Construction	Allocated Contingency	MPD	Contingency Allocation	N/A	TBD	Estimated ECI's from MPD	Pending	\$ 159,167.00
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	\$ 300,000.00
29	City Project Administration	Unallocated Contingency	City	Certification	N/A	TBD	City- Additional Staff Time	Pending	\$ 950,656.52
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 Telecomm wiring	Estimated	\$ -
32	Construction	Allocated Contingency	MPD	Contingency Allocation	N/A	TBD	Ford Force Account	Estimated	\$ 120,000.00
33	Vehicles	Allocated Contingency	LTK	Certification	N/A	TBD	LTK - Additional Staff Time	Pending	\$ 1,000,000.00
34	Unallocated Contingency	Unallocated Contingency	Duke Energy	Certification	N/A	TBD	Duke hookup costs	Estimated	\$ 150,000.00
35	Construction	Unallocated Contingency	MPD	Change Order	N/A	TBD	Additional Quantities Needed	Estimated	\$ 500,000.00

Appendix A
Change Orders, Contingency Allocations

Through: **January 29, 2015**

ID	Budget Category	Source	Contract	Contingency Usage Type	Contingency Usage #	Date	Description	Status	AMOUNT (1/29/15)
36	Unallocated Contingency	Unallocated Contingency	TBD	Certification	N/A	TBD	Misc. MOF fit out needs, WTM mods	Estimated	\$ 200,000.00
37	Construction	Unallocated Contingency	TBD	Certification	N/A	TBD	Bike Racks, pervious concrete	Estimated	\$ 10,000.00
38	Unallocated Contingency	Unallocated Contingency	Transystems	Certification	N/A	TBD	Schedule review support Task 5	Pending	\$ 71,242.00
39	Construction	Allocated Contingency	MPD	Contingency Allocation	11	1/7/15	Partial depth repair, handrail on Race, misc. items	Complete	\$ 56,592.02
40	Construction	Unallocated Contingency	MPD	Change Order	7	TBD	Lifting Jacks settlement, Owner-supplied Equipment mod., TPSS negative drainage conduit	Pending	\$ 62,710.00
41	Construction	Unallocated Contingency	MPD	Change Order	TBD	TBD	Station Stop mods for TVM installation	Estimated	\$ 100,000.00
42	Unallocated Contingency	Unallocated Contingency	TBD	TBD	TBD	TBD	12th & Race Overhead Light modification	Estimated	\$ 10,000.00