

JOINT COMMITTEE ON DOWNTOWN STREETCAR IMPLEMENTATION JULY 21, 2017

the milwaukee
STREETCAR

www.THEMILWAUKEESTREETCAR.com

Project Status – Recent Activity

- Reached 100% design for OMF and Phase 1 and Lakefront with exception of Couture and Michigan Street locations.
- Conducted Project Meetings
- Continued Utility Coordination
- All private telecom construction agreements have been executed. Work is ongoing.
- Project has entered Construction phase
- Operations and Maintenance Contract Negotiations being held.

Project Status – 90 Day Look Ahead

- Continue Private and Public Utility Coordination
- Conducting Project Design, Utility and Vehicle Engineering Meetings
- City intends to complete contract negotiations with an operations and maintenance contractor by late summer.
- Finalize Lakefront Design Drawings
- Kiewit continues to coordinate with the City and WRTP Big Step and is on track to meet their DBE/RPP goals

Workforce Participation

- Recruitment event held January 26
- Next event scheduled for July 27
- 75 Attended
- Presentations provided by all partners

- Who attended:

	F	M	TOTAL
African-American	8	43	51
Bi-Racial	1	1	2
Caucasian	4	8	12
Hispanic	1	5	6
Multi-Racial	2	2	4
TOTAL	16	59	75



W RTP **BIG STEP**
WISCONSIN REGIONAL TRAINING PARTNERSHIP "PUTTING EDUCATION TO WORK"

 **City of Milwaukee**  **Kiewit** 

Streetcar Construction Recruitment and Information Session
Attend this session to hear about the Streetcar project, upcoming construction projects, training opportunities, and career pathways into the building trades from our industry partners. *Interviews of qualified candidates will occur for training opportunities after information session. City of Milwaukee/RPP candidates preferred.*

Recruitment Date: Thursday, January 26, 2017
Location: W RTP/BIG STEP
3841 W. Wisconsin Ave
Milwaukee, WI 53208
Time: 8:00 AM-12:00 PM
Doors Open: 8:00 AM
Doors Lock: 8:15 AM

Candidates must bring these documents to attend:
Valid Driver's License (or Documentation in process)
Proof of High School Graduation/GED/HSED
Social Security Card
Updated Resume
Pass General Assessment of 8th grade Math and Reading level
Drug Free (Ability to pass a drug screen)

Registration is required, walk-ins are not accepted
Call **(414) 342-9787** to register

Industry-Led, Worker-Centered and Community-Focused. Our mission is to enhance the ability of public and private

Workforce Participation

- Class content and participation provided by: Kiewit, Electrical Contractors, City representatives
- Coordinated site tours
- 15 enrolled
- 13 completed
- 11 RPP Certified

Trainee Demographics:

Race	F	M	TOTAL
Bi-Racial	1	9	10
Caucasian	1	2	3
Multi-Racial	1	1	2
TOTAL	3	12	15

Workforce Participation

- 62% of class graduates in a Registered Apprenticeship
- 3 individuals are on waiting lists for an apprenticeship
- Apprenticeship types include:
 - Carpenter
 - Laborer
 - Steamfitter
 - Painter

Resident Preference Program

- Resident Preference Program – Project goal is 40%
- Hourly workforce breakdown
 - Total hours worked by the RPP Certified Employees is 5668.1
 - This correlates to an RPP percentage of 43.0
 - Minority hours constitutes 36.7% of hours worked
 - Female hours constitutes 0.6% of hours worked

Disadvantaged Business Enterprise

- Disadvantaged Business Enterprise - Construction Numbers
 - The Streetcar projects construction DBE goal is 21%
 - To date, Construction DBE participation totals 25% of the total contract value
 - Kiewit's full project projected DBE participation percentage is slightly above 21%

Disadvantaged Business Enterprise

- Construction DBE Firms
 - 3G Trucking LLC
 - Arrow Crete Construction, LLC
 - Choice Construction
 - Community Traffic Control, LLC
 - Con-Cor Construcion Inc.
 - EFH Trucking, LLC
 - Jaramillo Contractors
 - Platt Construction
 - South Star Trucking, LLC
 - Spann & Associates, LLC
 - Wisconsin Utility Exposure, Inc.

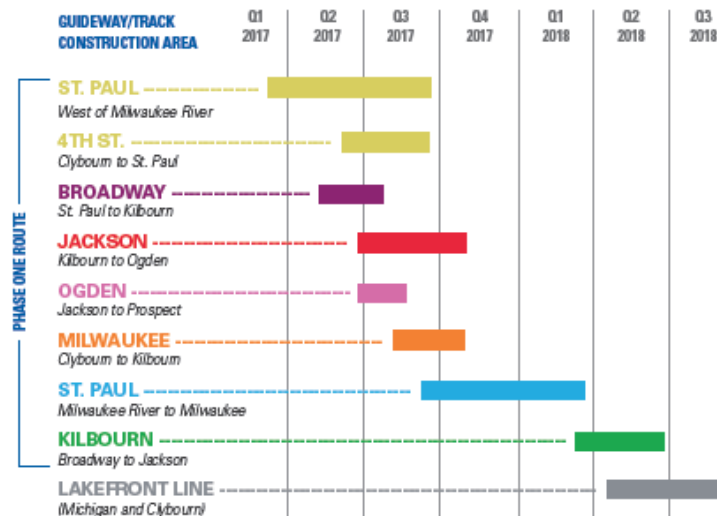
Project Status – Budget

Capital Cost Breakdown	Phase I Budget (\$ millions)	Lakefront Line (\$ millions)	Total (\$ millions)	Total Spent to Date (\$ millions)
Construction	\$62.52	\$20.06	\$82.58	\$17.34
Vehicles	\$19.46	\$3.95	\$23.41	\$4.36
Professional Services	\$15.06	\$2.71	\$17.77	\$14.35
Owner Contingency/Escalation	\$ 2.19	\$1.68	\$3.87	\$0
Total	\$99.24	\$28.40	\$127.64	\$30.50

- Additional \$1.7 Million in contingency held within construction budget.
Amounts based on pending FTA budget revision

DRAFT

THE MILWAUKEE STREETCAR — PRELIMINARY CONSTRUCTION PLANNING



Note - This preliminary schedule shows guideway/track construction only. There will be other construction activity throughout the route before and after the draft time frame shown here.



PROJECT CONTACT INFORMATION:
 Streetcar Construction Helpline: 414-388-9418
 Email: comments@themilwaukeeestreetcar.com
 Sign up for construction news:
themilwaukeeestreetcar.com/on-the-route

PRELIMINARY: SUBJECT TO CHANGE

Construction Progress Overview

- Mainline revenue service to begin Fall 2018
- Lakefront revenue service to coincide with the opening of the Couture Building
- Zone 1- West St. Paul Ave.
 - Utilities/Drainage – 93%
 - OCS Foundations – 50%
 - Guideway demolition and removal – 90%
 - Guideway construction – 66%
 - OCS pole construction – 0%
 - Platform construction – 35%

Construction Progress Overview continued

- Zone 2 – East St. Paul Ave.
 - No work done to date
- Zone 3 – Milwaukee St.
 - OCS Foundations – 5%
- Zone 4 – Broadway
 - Utilities/Drainage – 83%
 - OCS Foundations – 100%
 - Guideway demolition and removal – 80%
 - Guideway construction – 60%
 - OCS pole construction – 0%
 - Platform construction – 5%

Construction Progress Overview continued

- Zone 5 – Kilbourn Ave.
 - No work done to date
- Zone 6 – Jackson St.
 - Utilities/Drainage – 88%
 - OCS Foundations – 100%
 - Guideway demolition and removal – 45%
 - Guideway construction – 10%
 - OCS pole construction – 0%
 - Platform construction – 0%

Construction Progress Overview continued

- Zone 7 – Ogden St.
 - Utilities/Drainage – 75%
 - OCS Foundations – 100%
 - Guideway demolition and removal – 5%
 - Guideway construction – 0%
 - OCS pole construction – 0%
 - Platform construction – 0%
- Lakefront Zone
 - No work done to date

Construction Progress Overview continued

- OMF Construction

- Earthwork – 90%
- Footings and Foundations – 90%
- Steel – 0%
- MEPs – 5%
- OCS Foundations – N/A (Due to off wire propulsion of vehicle in yard)
- Track installation – 0%

Construction Status

- Utility construction relocations are ongoing
- We Energies Lakefront route relocations continuing
- OMF Footing/Foundation/Inspection Pit work ongoing
- OCS Pole Foundation work ongoing
- CM/GC track/guideway construction ongoing
 - St. Paul, Broadway, Jackson and Ogden
- Underground conduit construction ongoing
- Drainage and manhole construction work ongoing

Construction Status

- Finished and repaved portion of St. Paul Ave. guideway



Construction Status

- Guideway excavation on Jackson ongoing



Construction Status

- Track and Guideway demolition/excavation and skeletonization ongoing



Construction Status

- Guideway section concrete placement ongoing on Broadway



Construction Status

- OMF foundation and footing construction nearing completion.
- Vehicle inspection bay pit construction ongoing.



Construction Status

- OCS Pole foundation and footing excavation and construction ongoing



Construction Status: Traffic Control Strategies

- At least one direction of traffic maintained in most areas
- Pedestrian access maintained
- Construction team's goal is to focus on safety, for stakeholders and workers



Construction Status: Traffic Control Strategies

- Proactive coordination with major events and traffic generators
- St. Paul was opened to bi-directional traffic before Summerfest
- Construction team coordinated with Bastille Days to ensure the Storm the Bastille run and festival went smoothly
- Comprehensive look at business loading zones and driveway access



Construction Status: Public Involvement

- Bike signage in place educating bicyclists on how to properly cross the tracks



Construction Status: Public Involvement

- Reminder to motorists that “It’s ok to drive on the track”



Construction Status: Public Involvement

- One-on-one meetings to coordinate with property owners along route
- Website and social media kept up-to-date with construction information in weekly updates
- Construction team has standing weekly meetings to meet with local stakeholders at local businesses along the route



Construction Status: Public Involvement

- Weekly e-newsletters featuring:
 - Local workforce
 - ‘Why ride’ – a section for members of the community to tell us why they’ll use the streetcar
 - A construction forecast for the following week
 - News about other cities’ streetcar systems
 - Fun facts, interesting aspects of the project, etc...

Milwaukee Streetcar Team Member Spotlight



TERRY ALEXANDER

Terry started working on the Milwaukee Streetcar in March 2017. His main job responsibility is rail work. In the past, Terry has worked on the Northwestern Mutual Building and Potawatomi Hotel and Casino. He grew up in Saint Louis but now calls Milwaukee home. He loves the Milwaukee Bucks and cannot wait to watch a game with his two daughters at the new arena. Terry spends his downtime working out, watching sports center or dining at his favorite restaurant La Fuente.



Construction Status: Public Involvement

- Started a Weekly “Snack Along the Track” lunch initiative to invite the community to join us for lunch and to support local businesses
- Streetcar socials being held to help distribute project updates and information and to allow local business along the route to connect with the public



Vehicle Procurement

- Conducting Bi-weekly Vehicle Engineering Meetings
- Vehicle Design is progressing
- Production of 1st Vehicle has commenced
- Anticipated delivery of 1st Vehicle January 2018

Staying Informed

- ✓ Facebook: [Facebook.com/TheMilwaukeeStreetcar](https://www.facebook.com/TheMilwaukeeStreetcar)
- ✓ Twitter: [@MilwStreetcar](https://twitter.com/MilwStreetcar)
- ✓ Streetcar Construction Helpline: (414)-388-9418
- ✓ Website: www.TheMilwaukeeStreetcar.com
 - Construction News Sign-Up
 - E-Newsletters

