

A vibrant, sunlit street scene in downtown Milwaukee. A blue streetcar is traveling down the street, surrounded by pedestrians and historic buildings. The scene is bright and clear, with a blue sky and a mix of old and new architecture. A red sculpture is visible on the right side of the street.

# JOINT COMMITTEE ON DOWNTOWN STREETCAR IMPLEMENTATION SEPTEMBER 25, 2015

the milwaukee  
STREETCAR

[www.THEMILWAUKEESTREETCAR.com](http://www.THEMILWAUKEESTREETCAR.com)

# Project Status – 30 Day Look Back

- Issued Vehicle RFP Best and Final Offer (BAFO)
- Received and Evaluated BAFO Proposals
- Progressed Final Design
- Conducted Project Meetings
- Completed Watermain Design
- Continued Utility Coordination – Monthly We Energies Meeting
- We Energies Submitted Certificate of Authority Application to PSC for Gas and Electric
- Updating of Project Management Plan and Sub-Plans

# Project Status – 90 Day Look Ahead

- Select Preferred Vehicle Manufacturer, Conduct Pre-Award Buy America Audit, Negotiate Contract
- Continue Private and Public Utility Coordination
- Distribute Proposed Design Agreements to Private Telecoms
- Completion of WE Energies Detailed Design Plans and Detailed Design Cost Est.
- Bid and Award Water Contracts, Start Water Construction
- Complete 90% Design
- Complete DRAFT Financial Plan
- Amend Federal Grant Agreement
- Update Construction Estimates for the Mainline and OMF
- Finalize and Baseline Project Schedule

# Project Status – Tentative Phase 1

## Project Schedule

- Mainline (roadway, trackwork, systems / Overhead Contact System)
  - Revaluating Schedule – to be Baselined Pending Vehicle Selection and Contract Negotiation
- Operations and Maintenance Facility
  - Revaluating Schedule – to be Baselined Pending Vehicle Selection and Contract Negotiation
- Revenue Service – July 2018

BUDGET SUMMARY  
As of August 2015

PROJECT	A	B	C	D	E	A - E
	BUDGET	ENCUMBRANCES TO DATE	PREVIOUSLY	CURRENT MONTH EXPENSES	TOTAL	REMAINING BALANCE
			SPENT TO DATE		EXPENSES TO DATE	
<b>10 Guideway &amp; Track Elements</b>						
10.10 Track: Embedded	\$ 9,458					\$ 9,458
10.12 Track: Special (switches, turnouts)	\$ 1,011					\$ 1,011
<b>Subtotal</b>	<b>\$ 10,469</b>					<b>\$ 10,469</b>
<b>20 Stations</b>						
20.01 Platforms	\$ 645					\$ 645
<b>Subtotal</b>	<b>\$ 645</b>					<b>\$ 645</b>
<b>30 Support Facilities</b>						
30.02 Light Maintenance Facility	\$ 5,830					\$ 5,830
30.05a Yard and Track	\$ 2,319					\$ 2,319
<b>Subtotal</b>	<b>\$ 8,149</b>					<b>\$ 8,149</b>
<b>40 Siterwork &amp; Special Conditions</b>						
40.01 Demolition, Clearing, Earthwork	\$ 1,505					\$ 1,505
40.02 Site Utilities, Utility Relocation	\$ 26,499					\$ 26,499
40.03 Hazardous materials	\$ 56					\$ 56
40.06 Pedestrian/bike access	\$ 127					\$ 127
40.07 Roadways - Reconstruction & Mill/Overlay	\$ 1,860					\$ 1,860
<b>Subtotal</b>	<b>\$ 30,047</b>					<b>\$ 30,047</b>
<b>50 Systems</b>						
50.01 Traffic Control and Signals	\$ 1,425					\$ 1,425
50.03 Traction power supply: substations	\$ 3,608					\$ 3,608
50.04 Traction power distribution: OCS	\$ 9,521					\$ 9,521
50.05 Communications	\$ 740					\$ 740
<b>Subtotal</b>	<b>\$ 15,294</b>					<b>\$ 15,294</b>
<b>60 ROW, Land, Existing Improvements</b>						
60.01 Purchase or lease of real estate	\$ -					\$ -
<b>Subtotal</b>	<b>\$ -</b>					<b>\$ -</b>
<b>70 Vehicles</b>						
70.03 Modern Street Cars (assume 4 vehicles)	\$ 16,000					\$ 16,000
70.07 Spare parts - assumed 10%	\$ 1,600					\$ 1,600
<b>Subtotal</b>	<b>\$ 17,600</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 17,600</b>
<b>80 Professional Services</b>						
80.01a Alternatives Analysis / Environmental Assessment	\$ 685	\$ 685	\$ 685	\$ -	\$ 685	\$ -
80.01b Preliminary Engineering (30% plans)	\$ 1,857	\$ 1,857	\$ 1,857	\$ -	\$ 1,857	\$ -
80.02 Final Design (30-60% plans)	\$ 2,269	\$ 2,269	\$ 2,266	\$ -	\$ 2,266	\$ 3
80.02 Final Design (60-100% plans)	\$ 2,881	\$ 2,881	\$ 695	\$ 260	\$ 914	\$ 1,967
80.03 Project Management for Design and Construction (Design and PI)	\$ 1,680	\$ 1,471	\$ 1,421	\$ 69	\$ 1,490	\$ 190
80.03 Project Management for Design and Construction (CA and Vehicle)	\$ 2,800	\$ -	\$ -	\$ -	\$ -	\$ 2,800
80.03 Project Management for Design and Construction (Weiss PE)	\$ 25	\$ 25	\$ 25	\$ -	\$ 25	\$ 0
80.05 Start up	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ 500
<b>Subtotal</b>	<b>\$ 12,697</b>	<b>\$ 9,188</b>	<b>\$ 6,908</b>	<b>\$ 329</b>	<b>\$ 7,237</b>	<b>\$ 5,460</b>
<b>TOTAL Project Cost (10-80) without Contingency &amp; Escalation</b>	<b>\$ 94,901</b>	<b>\$ 9,188</b>	<b>\$ 6,908</b>	<b>\$ 329</b>	<b>\$ 7,237</b>	<b>\$ 87,664</b>
<b>90 Contingency</b>						
90 UNALLOCATED CONTINGENCY	\$ 3,999					\$ 3,999
<b>Subtotal</b>	<b>\$ 3,999</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,999</b>
<b>STREETCAR PROJECT TOTAL</b>	<b>\$ 98,900</b>	<b>\$ 9,188</b>	<b>\$ 6,908</b>	<b>\$ 329</b>	<b>\$ 7,237</b>	<b>\$ 91,663</b>
<b>LEGEND</b>						
<b>Budget:</b> Authorization to spend monies for the activity or activities covered by the appropriation and up to its amounts						
<b>Encumbrances To Date:</b> Pending commitments and executed contracts						
<b>Previously Spent To Date:</b> Billings associated with the project that were incurred prior to the current month expenses						
<b>Current Month Expenses:</b> Billings associated with the project that were incurred in the month of reporting						
<b>Total Expenses To Date:</b> Billings associated with the project that were incurred in the month of reporting plus prior time periods						
<b>Remaining Balance:</b> Funds that have not been billed. Budget - Total Expenses to Date						

\*All Amounts are in thousands of dollars

# Project Status - Budget

## Phase 1 Expenses Through Aug 2015 \$ 7.3 M

Capital Cost Breakdown	Phase I Budget (\$ millions)	Phase I Spent to Date (\$ millions)
Construction	\$61.3	\$0
Vehicles	\$17.6	\$0
Professional Services	\$12.7	\$7.3
Contingency/Escalation	\$7.2	\$0
<b>Total</b>	<b>\$98.8</b>	<b>\$ 7.3 M</b>

# Utility Coordination

- Executed WE Energies Design Agreement - July 2015
- Monthly Technical Meeting With WE Energies - August 19, 2015
- We Energies to Complete Detailed Design Plans and Detailed Design Cost Estimate in November
- We Energies Submitted Certificate of Authority Application to PSC for Gas and Electric - September 15, 2015
- Drafted Agreement For Private Telecoms Based on We Energies

# System Planning

- As directed by Common Council resolution 141313, a scope of services is currently being finalized with SEWRPC to provide a Streetcar System Plan for the City of Milwaukee. The system plan will:
  - Evaluate potential extensions of the Milwaukee Streetcar
  - Develop a guide for the City of Milwaukee to ensure that transit services are integrated with other elements of the transportation system



# Vehicle Procurement – Schedule

## • Vehicle Procurement Timeline

- *Issue RFP* April 2015
- *Pre-Proposal Conference* April 2015
- *Proposals Due* July 2015
- *Car Builder Interviews* Aug 2015
- *Best And Final Offer (BAFO)* Aug 2015
- *Notify Selected Car Builder* Sept 2015
- *Begin Pre Award Audit* Sept 2015
- *Issue Notice to Proceed* Oct 2015

