



JOINT COMMITTEE ON DOWNTOWN STREETCAR IMPLEMENTATION AUGUST 14, 2015

the milwaukee
STREETCAR

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Project Status – 30 Day Look Back

- Executed Design Agreement with WE Energies
- Received FTA Approval on EA Re-Evaluation - Finalized Alignment
- Performed Initial Evaluations and Conducted Interviews with Carbuilders
- Continued Utility Coordination
- Updating of Project Management Plan and Sub-Plans
- Progressed Final Design
- Conducted Project Meetings
- Sent Out Mailing to Property Owners and Occupants Along the Route

Project Status – 90 Day Look Ahead

- Issue Vehicle RFP BAFO
- Receive and Evaluate BAFO Responses
- Select Preferred Vehicle Manufacturer and Conduct Pre Award Buy America Audit
- Amend Federal Grant Agreement
- Continue Private and Public Utility Coordination
- Completion of WE Energies Detailed Design Plans and Detailed Design Cost Est.
- Progress Final Design
- Complete Water Design, Bid and Award
- Finalize and Baseline Project Schedule

Project Status –Tentative Phase 1

Project Schedule

- Mainline (roadway, trackwork, systems / Overhead Contact System)
 - Design Complete November 2015
 - Award of Contracts January 2016
 - Construction Start April 2016
 - Construction Finish February 2018
- Operations and Maintenance Facility
 - Revaluating Schedule – to be Baselined Pending Vehicle Selection
- Revenue Service – July 2018

Milwaukee Streetcar Project - Monthly Budget Summary Report

BUDGET SUMMARY
As of July 2015

	A	B	C	D	E	A - E
			PREVIOUSLY		TOTAL	F
PROJECT	BUDGET	ENCUMBERANCES	SPENT	CURRENT MONTH	EXPENSES	REMAINING
		TO DATE	TO DATE	EXPENSES	TO DATE	BALANCE
10 Guideway & Track Elements						
10.10 Track: Embedded	\$ 9,458					\$ 9,458
10.12 Track: Special (switches, turnouts)	\$ 1,011					\$ 1,011
Subtotal	\$ 10,469					\$ 10,469
20 Stations						
20.01 Platforms	\$ 645					\$ 645
Subtotal	\$ 645					\$ 645
30 Support Facilities						
30.02 Light Maintenance Facility	\$ 5,830					\$ 5,830
30.05a Yard and Track	\$ 2,319					\$ 2,319
Subtotal	\$ 8,149					\$ 8,149
40 Sitework & Special Conditions						
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
Subtotal	\$ 30,047					\$ 30,047
50 Systems						
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
Subtotal	\$ 15,294					\$ 15,294
60 ROW, Land, Existing Improvements						
60.01 Purchase or lease of real estate	\$ -					\$ -
Subtotal	\$ -					\$ -
70 Vehicles						
70.03 Modern Street Cars (assume 4 vehicles)	\$ 16,000					\$ 16,000
70.07 Spare parts - assumed 10%	\$ 1,600					\$ 1,600
Subtotal	\$ 17,600	\$ -	\$ -	\$ -	\$ -	\$ 17,600
80 Professional Services						
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	\$ 2,270	\$ (4)	\$ 2,266	\$ 3
80.02 Final Design (60-100% plans)	\$ 2,881	\$ 2,881	\$ 292	\$ 362	\$ 655	\$ 2,226
80.03 Project Management for Design and Construction (Design and PI)	\$ 1,680	\$ 1,471	\$ 1,404	\$ 17	\$ 1,421	\$ 259
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
Subtotal	\$ 12,697	\$ 9,188	\$ 6,533	\$ 375	\$ 6,908	\$ 5,789
TOTAL Project Cost (10-80) without Contingency & Escalation	\$ 94,901	\$ 9,188	\$ 6,533	\$ 375	\$ 6,908	\$ 87,993
90 Contingency						
90 UNALLOCATED CONTINGENCY	\$ 3,999					\$ 3,999
Subtotal	\$ 3,999	\$ -	\$ -	\$ -	\$ -	\$ 3,999
STREETCAR PROJECT TOTAL	\$ 98,900	\$ 9,188	\$ 6,533	\$ 375	\$ 6,908	\$ 91,992

Project Status - Budget

Phase 1 Expenses Through July 2015 \$ 6.9 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	\$6.9
Contingency/Escalation	\$7.2	\$0
Total	\$98.8	\$6.9

Utility Coordination

- Executed WE Energies Design Agreement
- Utilizing WE Energies Design Agreement With All Other Privates
- Monthly Technical Meeting With WE Energies July 29, 2015

Vehicle Procurement – Tentative 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
- *Pre Award Audit* Sept 2015
- *Issue Notice to Proceed* Sept 2015

