The Milwaukee Streetcar

Utility Challenges

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Project Timeline

**SPRING 2010**
Locally Preferred Alternative approved

**FALL 2011**
Environmental documentation finalized

**SPRING 2012**
Final design completed

**SUMMER 2013**
Delivery of vehicles begins

**FALL 2014**
Streetcar operation begins

**SPRING 2011**
30% design completed

**SUMMER 2011**
Council consideration

**SUMMER 2012**
Construction begins on track

**SPRING 2014**
Construction completed
Utility Interaction

• Alternative Analysis: Utility Visual Survey
• Preliminary Engineering: +40 Meetings
• Disagreement w/ City’s position on costs responsibility
• Request for Impacts @ 30% design
Worst Case Estimates Communicated

- $46 M - We Energies (Electric, Gas, & Steam)
- $15 M - ATC (High Voltage Transmission)
- $15 M - Telecommunications

(Untilities share expectation that costs estimates will be reduced once design commences)
Major Utility Concerns

- Old Infrastructure
- Small Steam Customer Base
- Stray Current
- Project Schedule
- Maintenance & Emergency Repairs
Streetcar Track Zone Construction
Plankinton Avenue: Sewer, Water & Street Reconstruct
Utility Cost Responsibility

• State Statutes allow Cities to **reasonably** regulate utility activities in the public way

• City Ordinance requires utilities to protect or relocate at their cost to allow for public works improvements

• PSC regulation supports utility cost responsibility for work that benefits the **Health, Safety, & Welfare** of the public
PSC Regulation

- Statutory provisions grant the PSC to resolve disputes
- Petition for Declaratory Ruling to Determine Allocation of Costs for Relocation of Utilities
Next Steps

- FONSI
- PSC Hearing Process (City Attorney Lead)
- Hire Owner’s Rep & Final Design Consultant
- Vehicle Procurement
- Continued Utility Coordination (Min. Costs)
- Complete Final Design
- Construction