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### **Engineering Systems and Mapping**

1. GIS & Mapping: Continue to enter 2009 water main projects and main leaks into the Utility's GIS.
2. ACCELA asset management software; the work order portion went live on December 7th, working on implementation
3. Lead Services: DNR has indicated they will grant a one-year extension. Coordinating replacement and compliance.
4. Hydraulic Model: Providing assistance with system analysis as requested

### **2009 Water Main Design Projects**

**Projects under active design:** Pleasant View Road - Mineral Point to Valley View; University Avenue - Shorewood to Segoe; STH 113; University Ave – Breese to railroad tracks; and Lien Road

**Private contract design additions:** Cardinal Glenn Phase 2B **Projects out for bid:** None

### **2009 Water Main Construction Projects**

**Completed Projects in 2009:** Starkweather / Clyde Gallagher: East Campus Utilities: East Washington Av. – Ph. 4: University Av. Ph. 1 – Gorham to Broom: Marston Av.: Spaight / Few: S. Mills St.: Fox / Keyes / Prospect: Arbor / Knickerbocker / Pickford: University Av. Ph.2 – Park to Breese: W. Gilman: N. Few St.: Novation Campus: Kingston / Beltline Project: Union South: NE Interceptor: Chamberlain / Ash / Chestnut / Joss St.: Maple / Ludington: Oak / Hoard: Marquette St.: Eastlawn Plat: Littlemore: Nakoma: Lawrence St.: Commercial Av. / N. Thompson Rd.: Camden Rd.: Truax Water & Sewer Relocation: Sherman Terrace: Femrite Dr.: Northeast Interceptor Sewer (aka: Regas Rd.): Hawks Creek Ph. 1: Tradesman Business Park:

**Active Construction Projects:** Cannonball Run: Approx. 60% of the water main installed; Monona Dr.: Minor work in 2009 and the project will restart in March of 2010.

### **Miscellaneous Projects**

1. The spring 2010 painting of the Prairie Road elevated tank (Reservoir 120) has been put out to bid
2. Installing the generator at Pump Station 215 on High Crossing Boulevard
3. Spectrum Contracting continues work on repairing the reservoir roof for Well 7.

### **Unidirectional Flushing Operations and Sampling**

Another successful year of flushing in the books.

### **East Side Zone 6 to Zone 3 Conversion**

1. Ruekert Mielke has completed the design documents for Phase 2 to convert the Well 25 pumps to feed Zone 3. Bids will be received January 15, 2010. The new pumps will be in operation in June 2010.

### **Zone 4 Water Supply Augmentation**

1. A public hearing to select an alternative is scheduled for the December 15, 2009 Water Utility Board meeting.

### **Arbor Hills Fire Flow Supply**

1. Phase 1 of the 16-inch transmission main for the Cannonball train is proceeding, weather permitting.
2. Developing an RFP to hire a consultant to assist in finding a suitable site and to design of the pump station.

### **Zones 7 and 8 Supply Augmentation**

1. The CAP requested the Scoping Document be updated to prepare for the public hearing to establish the project at the January Water Board meeting.

### **East Side Water Supply Project**

1. The USEPA grant application was submitted. Expect approval in May 2010.
2. The consultant RFP is being finalized and we are working with City Purchasing on getting the document circulated.

### **Emergency Response Plan Field Exercise**

1. Looking at training requirements and keeping the Response Plan Updated.

### **Graduate Research Project**

1. Brian continues processing data looking for a correlation with operations and sediment loading to optimize flushing.

### **Training and Conferences**

1. Completed a 6-week course on Public Participation at the UW.
2. Ongoing ACCELA asset management software testing and training as the project goes live.
3. Employees have completed the required update training on City's Harassment policy.
4. Employees have completed the annual safety refresher classes