

Engineering Systems and Mapping

1. GIS: Entering 2007 water main project data as it comes in. All 2007 project graphics are available in Field View
2. Specialty Maps: Meter route maps continue to be provided to meter readers
3. Lead Services: Orchard St job completed — Last Utility-staff job outside of Nakoma not related to a street project
4. Strategic Planning: Participating on SOP; Work Practices, and Workforce Flexibility Design Teams

Water Main Design and Construction Projects

Projects out for bid: None **Projects under active design:** Waubesa St replacement

Private contract design additions: 1507 Burningwood Way CSM; Waubesa Ct

Projects waiting for construction: Union Corners Phase 2; Clyde Gallagher replacement; St. Paul/Dixon replacement

Projects under active construction: E Washington replacement; E Mifflin replacement; Spaight / Russell / Walton replacement – Completion delayed until 2008; Spring Court replacement; Dane County Airport Ramp Expansion - PC

Projects completed: Charter / Chandler / Orchard replacement; Felland Reservoir water main; Lien Road extension; Castle Place replacement; 700 Block University Avenue PC; Cardinal Glen - Phase 3 PC; First Add to Ice Age Falls PC; Secret Places – Phase 4 PC; Secret Places – Phase 5 PC; Farwell Street PC; restart of Corry St replacement; Grandview Commons Phase 14 PC; Linden Park Phase 5 PC; Heather Glen Replat Phase 2B PC; First Add to Hawks Creek Phase 1 PC; Cardinal Glen Phase 4 PC; W. Mifflin replacement; N Randall replacement; Dixon / Fairview / Ryan / Buena Vista / Garrison replacement; Henry / Dayton replacement; Wisconsin Ave / Gilman St intersection replacement; Adams / Harrison replacement; Eighth Add to Blackhawk – Phase 2 PC; Second Add to Hawks Creek PC; S. Franklin replacement; Delaplaine / Brooks replacement; Sixth / Hoard / Upham replacement; Colby / Livingston replacement; Bedford / Main St. replacement; Lexington replacement; Mayfair Ave replacement; Lakeview Ave replacement; Dane County Airport Ramp Expansion PC; S Park St replacement; Kendall / Chamberlain replacement

Other Design and Construction Projects

1. Felland Rd reservoir and control building are complete. New 6.0 million gallon reservoir is on line and operating.
2. Video surveillance: Replogix and Westphal Electric started installing cameras the week of November 5th, 2007.

Unidirectional Flushing Operations and Sampling

1. In October and November flushed 128 miles of pipeline through 618 hydrants using 23.2 million gallons of water.
2. Year-to-date: 702 miles of pipe (83%), 114.3 million gallons of water used from 2363 hydrants and 3071 flushing runs.
3. Conventional flushing of Well 9, 26, and part of 20 areas was completed at night the week of October 21st.

East Isthmus Well Siting Study and Public Participation Program

1. The citizens working group met on October 30, 2007 and reviewed maps and discussed the public participation plan.
2. Montgomery and RMT are working on groundwater hydrology and making preparations for further analysis.

Well 29 Iron and Manganese Filter

1. The filter equipment bid package is advertised. Proposals are due Tuesday January 3rd and will be opened January 10th.
2. Started review of potential facility layout and location of the backwash basin.

Larkin Street Test Well

1. Test well pumping continued since its start on 10/16/07. Water quality and well drawdown information is being gathered.
2. The Mayor and Larry Nelson met on site with neighborhood leaders to review the project.

Whitney Way Well Site

1. Starting the process of a public participation program for the proposed test well. A letter was set to area residents.
2. Starting to prepare a DNR Well Siting report to get authorization to drill the test well.

Raymond Road Reservoir

1. Developing a public participation program to locate a reservoir site in the Raymond Road/McKenna Blvd area.

SCADA Upgrade

1. Conducted a workshop with EMA and the SCADA design team to go over the pre-design report and control strategies.
2. Developing an RFP for the selection of a consultant to provide SCADA system design and configuration services.

Other Topics

1. The Well 29 deep well extended period pump test commenced 11/6/07 and will be completed 11/28/07.
2. UW grad research project: Ryan Holzem installed an on-line turbidimeter @ Crestwood Elementary to monitor turbidity before and after flushing. Ryan is also finishing up an analysis of the effectiveness of flushing in the well 8 area.
3. Wellhead Protection: Finalizing plans for Wells 6, 12, 18, and 24. Utility and City Engineering Staff are starting to prepare plans for wells 7, 11, 16, and 17.