

How GIS Has Helped The City Of Chicago And The Department Of Water Management (Dwm) Embarked On A Very Aggressive Plan To Replace 880 Mile Of Water Main In 10 Years!

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Abstract: In 2012 the City of Chicago and the Department of Water Management (DWM) embarked on a very aggressive plan to replace 880 mile of water main in 10 years. A geographic information system (GIS) has been instrumental in identifying, planning, designing and constructing those miles and coordinating information across five bureaus that have historically used their own home grown management systems and tools. GIS provides a means to share accurate, up-to-date data throughout the entire utility. Decision makers are given secure access to quality data whether they are running analysis from their office PC or they are out in the field using their iPad or Android OS device. This presentation will focus on demonstrating how cutting edge GIS technology can be used to collect, maintain, and share information for the entire utility.