

# Brooklyn Park Watermain

In 1998, the City of Brooklyn Park constructed a new 30" watermain from the water treatment plant to approximately 100 feet north of 85th Avenue. The connection to the 30" watermain on 85th Avenue was not made at that time because of the complexity of rerouting traffic away from 85th Avenue, a heavily traveled road.



In 2001, the City selected PCE to design the connection to the 30" watermain on 85th Avenue and approximately 1,000 feet of 12" watermain near the new two (2) million gallon water tower.

PCE prepared plans for the construction of the 30" watermain with a 30" valve as a part of the design. An elaborate traffic control plan was developed for shutting down 85th Avenue. Several meetings were held with the County and City for review and approval of the traffic control plan.

Other construction activities within the City involved other county road shutdowns. The construction of the 30" connection was closely coordinated with these construction projects to maintain traffic flow.

The 30" gate valve was located in the median for future access without disruption of traffic. The 12" watermain construction is designed to maintain water service to residents. The proposed 12" main was wet tapped for valve installation with no loss of service to the nearby residents.

The project was successfully completed with minimal inconvenience to the residents both on 85th Avenue and those living near the water tower.



The construction of the 30" connection provides an alternative means of pumping water to the distribution system. The City previously had only a 24" connection between the water treatment plant and the distribution system.

**Client: City of Brooklyn Park**  
**Client Contact: Jon Watson P.E.**  
**Construction Year: 1998**



Progressive Consulting Engineers, Inc.  
6120 Earle Brown Dr. Suite 629 Minneapolis, MN 55430  
Phone (763) 560-9133 Fax (763) 560-0333  
www.pce.com e-mail: pce@pce.com