

Main Replacement Request - Fact Sheet

Street Name: N. West Avenue to Mountain Avenue

Developer/Owner: Waukesha Water Utility

Job Number: M00508

Engineering Data

Street/Easement:	From:	To:	Size	Length (Feet)
N. West Avenue	Wisconsin	Glenwood	24"	240
St. Paul	At Mountain		12"	40
St. Paul	At Mountain		8"	10
Glenwood / Grede Park	N. West Ave	Mountain Avenue	24"	600
Glenwood / Grede Park	N. West Ave	Mountain Avenue	30"	250
Mountain Ave	At St. Paul		20"	40
Total Footage.....Water Main Extension				1,180

Cost Summary

Total Utility Cost (incl bid, fees and labor)	\$1,101.69 /ft	\$1,300,000
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Timing:

Bid Opening: March 3, 2017 (Friday)

Board of Public works meeting: March 9, 2017

Common Council approval: March 21, 2017

WWU Commission meeting to approve bid: March 16, 2017

Details:

Waukesha Water Utility is replacing water main on N. West Avenue from Wisconsin to Glenwood, and on Glenwood from N. West Avenue to Mountain Avenue, which includes boring under the Fox River and through Grede Park. The existing water main is 6-inch from 1927 and 8-inch from 1913, and will be replaced by 24-inch ductile iron pipe. This project is part of the 2017 budget and outlined in our master planning documents. All mains are in the Central Pressure Zone. Please note this project is a continuation of the ongoing "Main Street / Segment AC" project that is needed for future water supply hydraulics across the City and was outlined in the 2012 AECOM Technical Memo #3.

Recommended Motion: Move to approve the water main improvement project from West Avenue to Mountain Avenue for an estimated cost to the utility of \$1,300,000.00.

West Avenue to Mountain Avenue:
Replacing 6-inch from 1927 and 8-inch from 1913 with 24" Ductile Iron

