

Main Replacement Request - Fact Sheet

Street Name: Arcadian Avenue (Eugene Ct to Greenfield Ave)

Developer/Owner: Waukesha Water Utility

Job Number: M00512

Engineering Data

Street/Easement:	From:	To:	Size	Length (Feet)
Arcadian Ave	Eugene Ct	Greenfield Ave	12	940
Arcadian Ave	Eugene Ct	Greenfield Ave	8	520
Total Footage.....Water Main Extension				1,460

Cost Summary

Total Utility Cost (incl bid, fees and labor)	\$376.71 /ft	\$550,000
--	---------------------	------------------

Timing:

Bid Opening: March 31, 2017

Board of Public works meeting: April 6, 2017

Common Council approval: April 18, 2017

WWU Commission meeting to ratify and approve bid: April 20, 2017

Details:

In conjunction with a City Engineering roadway project, Waukesha Water Utility is replacing water main on Arcadian Avenue from just West of Eugene Court to Greenfield Avenue. The existing water main is 6-inch cast iron from 1924, and will be replaced by 12-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.

Recommended Motion: Move to approve the water main replacement project on Arcadian Avenue from Eugene Court to Greenfield Avenue, for an estimated cost to the Utility of \$550,000.

Arcadian Ave: Eugene Court to Greenfield Avenue
Replacing 1,500 feet of 6" cast iron from 1924 with new 8" & 12" ductile iron main



Legend

- ⊕ HYDRANT
- ⊙ MAIN VALVE
- HYDRANT VALVE
- SERVICE VALVE
- WATER MAIN
- WATER SERVICE
- ▭ PARCEL LINES
- ▭ PROJECT LIMITS



0 50 100 200 Feet