

Main Replacement Request - Fact Sheet

Street Name: E. Moreland Blvd, Manhattan to Airport Booster Station
Developer/Owner: Waukesha Water Utility
Job Number: M00487

Engineering Data

Street/Easement:	From:	To:	Size	Length (Feet)
E. Moreland	Fox River	Airport Booster Station	16	400
E. Moreland	Fox River	Manhattan		Services (32)
E. Moreland	Fox River	Manhattan	8	80
Total Footage.....Water Main Extension				480

Cost Summary

Total Utility Cost (incl bid, fees and labor)	\$886.88 /ft	\$425,700
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Timing of Approvals:

WWU Commission meeting to review and recommend bids based on estimate: February 18, 2016

Bid Opening: February 26, 2016

Board of Public works approval: March 3, 2016

Common Council approval: March 15, 2016

Project Description:

This proposed City project is scheduled to occur during the 2016 construction season and will match into the improvements being constructed as part of WisDOT project ID 2200-16-71 (the reconstruction of USH 18 (E. Moreland Blvd from Manhattan Drive to IH-94) that is also being constructed in 2016. E. Moreland Blvd between the Fox River Bridge and Manhattan Drive will be closed to through traffic during construction.

The City of Waukesha project includes reconstructing E. Moreland Blvd generally in kind within the existing roadway footprint and will match closely to the existing profile from the Fox River Bridge to approximately 300 west of Manhattan Drive. Proposed storm sewer improvements within the project limits will consist of constructing a new 66-inch diameter trunk line and several lateral replacements. Sanitary sewer, water main, and new street lighting improvements are also being constructed. The existing intersection of E. Moreland Blvd with White Rock and Eales Avenue is being reconfigured by this project and new traffic signals with monotubes will be placed.

The Water Utility will be removing the 8-inch water main from service and tying over the services, hydrants and cross streets to the existing 12-inch water main. In addition, we will use the closure of the road to our advantage and add a new 16-inch HDPE line from the west side of the river up to the connection with Airport Booster Station. This line will provide redundancy and increase the volume of water available to the booster station.

Budget:

\$425,720 was included in the budget for this project; this was based on 5% design. The design is now 50% complete but we are still waiting for soil boring information to confirm boring the water main under the intersection of North/St Paul and Moreland is possible.

Recommended Motion: Move to approve the water main project on E. Moreland from Manhattan to Airport Booster Station, for an estimated cost to the Utility of \$425,700.

