

TO: Board of Public Works

FROM: Dennis Cawley, Water Utility

SUBJECT: Items 20 through 23 on the March 17, 2010 BPW agenda

All four agenda items are designed to allow the Water Utility to replace water mains under street segments scheduled for resurfacing in 2010. All four agenda items contain water mains that have significant leak histories and/or contain mains that are undersized for adequate fire protection. By letting four separate contracts we are better able to complete the work in advance of the scheduled resurfacing work.

Item 20: Starker Avenue between Deerwood and Woodvale is an approximate 2000 ft. section with 16 recorded water main breaks. The existing 6" main will be upgraded to an 8" main to improve fire protection. Acewood Blvd. From Cottage Grove to Starker is approximately 2600 ft with 18 recorded main breaks. That portion south of Leo Dr. is a 6" which will be upgraded to an 8". Academy Drive from Acewood to Woodvale is 2000 ft. and has a history of 11 water main breaks. This is also a 6" that will be upgraded to an 8".

Item 21: Fisher Street from Bram to Buick is approximately 1400 ft in length. It contains a 6" main that has 7 recorded main breaks. This main will be upgraded to an 8" main to improve fire protection.

Item 22: Forward Drive from Schroeder Rd to the north end is an 8" main that has a history of 25 water main breaks. Because of the length of this dead end main the Water Utility will upgrade the size of the main to a 12" to improve fire protection.

Item 23: Segoe Rd from Regent Street to Richland Lane is approximately 2200 ft. long that contains a 4" water main. In order to improve fire protection this main will be replaced with an 8" water main. Also on Segoe between South Hill and Mineral Point Rd. there is an approximate 750 ft. stretch of 6" main with a history of 6 breaks. This main will be upgraded to an 8".