

**WATERWAYS 2009 (Contract #6315)**

This project is comprised of ten, small storm and sanitary sewer projects, which will provide necessary repairs or alleviate drainage problems. The subprojects will be conducted at various locations throughout the city. The individual projects and descriptions are listed below.

**TOTAL COST: \$264,720**

**BARTON ROAD INLET REPLACEMENT**

Proposed work consists of replacing failing inlets at the intersection of Barton Road and Golden Oak Lane.

A.D. 20

Estimated Cost: \$11,800

**DEAN AVENUE STORM SEWER INSTALLATION**

Proposed work consists of installing new storm sewer at the intersection of Dean Ave and Tyler Circle to alleviate local flooding. The inlet will be routed to an existing storm sewer main.

A.D. 16

Estimated Cost: \$7,220

**DREAM/RANKIN INLET INSTALLATION**

Proposed work will include increasing the storm sewer capacity at the intersection of Dream Lane and Rankin Road. Increased capacity will be achieved through the installation of additional inlets.

A.D. 16

Estimated Cost: \$39,200

**HOMESTEAD ROAD STORM SEWER INSTALLATION**

Residences along Homestead Road are experiencing flooding caused by water flowing off of a public right-of-way. Project work to alleviate this flooding includes the installation of additional inlets. The overflow access to the greenway, located at the intersection of Homestead Road and Pilgrim Road, will also be lowered.

Boundary of A.D. 7 and A.D 20

Estimated Cost: \$18,000

**KENWOOD SANITARY**

Proposed work consists of extending sanitary sewer service on Kenwood Street, between Longview Street and Mayfield Lane, to provide service to residents in this area.

A.D. 18

Estimated Cost: \$34,200

**LAKEVIEW AVENUE**

Project work includes the replacement of inlet grate structures between West Lane and Esch Lane with "beehive" style grates. This is intended to minimize grate clogging by gross pollutants, improving conveyance of the storm sewer and minimizing local flooding.

A.D. 18

Estimated Cost: \$8,000

**PIPING ROCK ROAD STORM SEWER REPLACEMENT**

The two existing inlets that drain a low spot near 6600 Piping Rock Road are not sufficient to drain normal storm events. Proposed work at this location will increase drainage capacity by upgrading to terrace style inlets. In conjunction with the inlet upgrade, the existing 12-inch storm

sewer main will be replaced with a 24-inch main. Water surface profiles will also be evaluated to determine need for further improvement.

A.D. 1

Estimated Cost: \$72,300

**SHERMAN/ABERG STORM SEWER REPLACEMENT**

Project work will include replacing the storm sewer main for approximately 350 feet on the West end of Aberg Avenue. The storm sewer main in this area will be upgraded from a 6-inch to an 18-inch pipe.

A.D. 12

Estimated Cost: \$48,000

**TOMPKINS DRIVE STORM SEWER REPLACEMENT**

Proposed work will include the removal of existing storm sewer pipes and replacement with larger storm sewer pipes. Additional inlets will be installed to increase drainage capacity from Tompkins Drive. Drainage will be directed to the recently enlarged drainage ditch on the west side of Stoughton Road.

A.D. 16

Estimated Cost: \$18,000

**TRAILSWAY DRAINAGE**

Proposed work will include the construction of flumes from a series of low points along the length of Trailsway to an existing concrete cunnette in Warner Park, approximately 35 feet to the North. This work will reduce local flooding at these enclosed depressions/low points.

A.D. 12

Estimated Cost: \$8,000