

**CITY OF TROY CONSTRUCTION PROJECTS  
NOVEMBER 2011 to FEBRUARY 2012****1. ROAD REHABILITATION – BEACH ROAD, WATTLES TO SOUTH BOULEVARD**

Pavement rehabilitation on three (3) miles of Beach Road from Wattles to South Blvd is necessary due to the pavement's deteriorated condition. Full depth reclamation (FDR) was the rehabilitation method chosen after considering several other more conventional options. FDR is a process where a set depth of asphalt pavement and a portion of the underlying granular base material is uniformly pulverized and blended to provide an upgraded, homogeneous base material. The blended material is then graded, shaped, and compacted to design parameters. Once completed, a final asphalt pavement surface is placed over the upgraded base material to complete the pavement rehabilitation process.

Funding for this project is from the Major Roads fund. Construction started in August and is anticipated to be open to traffic by late November. Restoration and cleanup, as necessary, will take place in the spring of 2012.

**2. ROAD REPAIRS – SECTION 35 (14 MILE ROAD & STEPHENSON HIGHWAY AREA)**

The water mains were replaced on: Sheffield, Kenyon, Lyons, Redwood, Burtman, Grant, Wacon, Jamaica, Key West and Hendrickson in 2010. The existing asphalt over concrete roads in the project area will be milled (ground off) and then an asphalt pavement overlay will be placed as the new surface. Funding for this project is a continuation of the water main replacement project. Water funds are used to repair the existing roads due to damage caused by the water main construction. Construction started in October and is anticipated to be complete by the end of November. Restoration and cleanup, as necessary, will take place in the spring of 2012.

**3. ROAD REHABILITATION – ROCHESTER ROAD, CHOPIN TO LARCHWOOD**

Rochester Road, from Chopin to Larchwood, will be milled (ground off) and then an asphalt pavement overlay will be placed as the new surface. The project will also include removal and replacement of deteriorated concrete pavement and concrete curb and gutter where required. Funding for this project is from the Major Roads fund. Construction is anticipated to start in October and be complete by late November.

**4. WIDENING AND RECONSTRUCTION – CROOKS ROAD, 14 MILE TO EQUITY (RCOC)**

This project is under the jurisdiction of the Road Commission for Oakland County (RCOC). The project will reconstruct the existing road and add a center left turn lane. Also included is the replacement of a 20-inch water main between 14 Mile and Elmwood Avenue, upgrading traffic signals at Meijer Drive and Elmwood Avenue as well as upgrading pedestrian crossings to meet current ADA requirements. Federal funds will be used to pay for approximately 80% of the project cost, with the remainder of the funding coming from the Southeastern Oakland County Water Authority (SOCWA) and the City of Clawson. There are no City of Troy funds involved in this project. Construction started in May and Crooks is anticipated to be fully open to traffic by mid-October. Restoration and cleanup, as necessary, will take place in the spring of 2012.

**5. ROAD REHABILITATION – CROOKS ROAD, BANMOOR TO FOUNTAIN (RCOC)**

This project is under the jurisdiction of the Road Commission for Oakland County (RCOC). The work will include milling of the existing pavement (grinding off) and then placing an asphalt pavement overlay to provide a new surface. The project will also include removal and replacement of concrete curb and gutter where required. Sidewalk ramps and pedestrian crossings will be upgraded to meet current Americans with Disabilities Act (ADA) requirements. Federal funds will be used to pay for approximately 80% of the project cost, with the remainder of the funding shared by the RCOC and Troy. Troy's share of this project is from the Major Roads fund. Construction started in September and is anticipated to be fully open to traffic by late November. Restoration and cleanup, as necessary, will take place in the spring of 2012.

**6. ROAD REHABILITATION – DEQUINDRE ROAD, SOUTH BOULEVARD TO AUBURN (RCOC)**

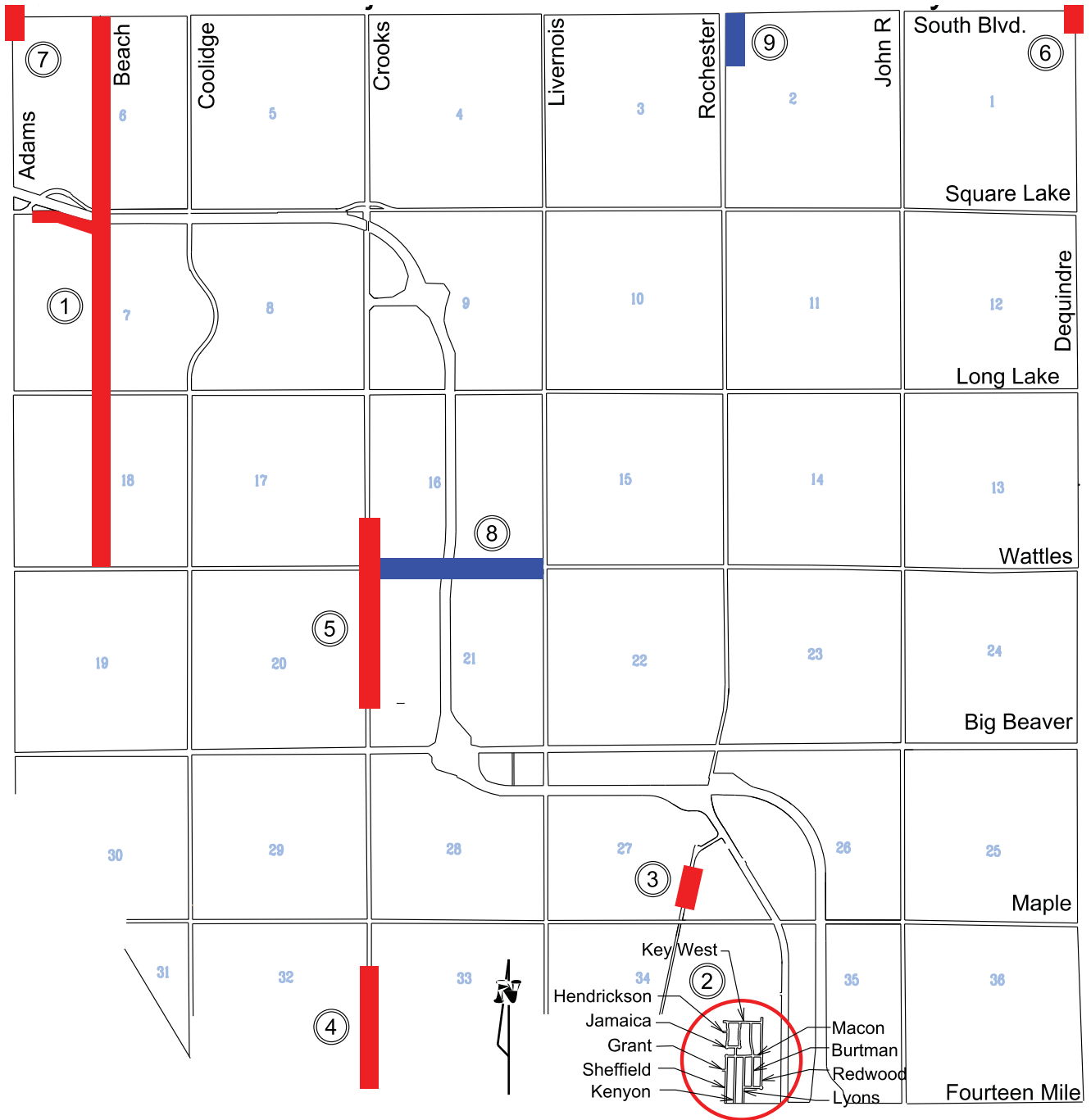
This project is under the jurisdiction of the Road Commission for Oakland County (RCOC). The work will include milling of the existing pavement (grinding off) and then placing an asphalt pavement overlay to provide a new surface. Some areas of pavement will also be removed and/or crack and sealed (broken into small pieces and then compacted in place) prior to the placement of the final asphalt surface. The project will also include removal and replacement of concrete curb and gutter and drainage improvements where required. Sidewalk ramps and pedestrian crossings will be upgraded to meet current Americans with Disabilities Act (ADA) requirements. Federal funds will be used to pay for approximately 80% of the project cost, with the remainder of the funding shared by the RCOC, Macomb County Department of Roads, Shelby Township, and the Cities of Rochester Hills and Troy. Troy's share of this project is from the Major Roads fund. Construction started in September and is anticipated to be fully open to traffic by late November. Restoration and cleanup, as necessary, will take place in the spring of 2012.

**7. ROAD REHABILITATION – ADAMS ROAD, SOUTH BOULEVARD TO AUBURN (RCOC)**

This project is under the jurisdiction of the Road Commission for Oakland County (RCOC). The work will include construction of turn lanes, milling of the existing pavement (grinding off) and then placement of an asphalt pavement overlay to provide a new surface. The project will also include removal and replacement of concrete curb and gutter and drainage improvements where required. Sidewalk ramps and pedestrian crossings will be upgraded to meet current Americans with Disabilities Act (ADA) requirements. Federal funds will be used to pay for approximately 80% of the project cost, with the remainder of the funding shared by the RCOC and the Cities of Rochester Hills and Auburn Hills. There are no City of Troy funds involved in this project. Construction started in September and is anticipated to be fully open to traffic by late November. Restoration and cleanup, as necessary, will take place in the spring of 2012.

**\*NOTE: All dates or time frames are based on the best information available at the time of writing and are subject to change based on field conditions, actual weather conditions and/or budgetary constraints.**

# Construction Projects Map



## 8. WATER MAIN REPLACEMENT – WATTLES ROAD, CROOKS TO LIVERNOIS

This project will replace the existing 8” water main along Wattles road with a new 12” water main. This water main crosses under I-75 and will require this section to be bored or directionally drilled to avoid impacting I-75. The water main is scheduled to be replaced due to its age and history of breaks. Construction is anticipated to start in January 2012. Restoration and cleanup, as necessary, will take place in the spring of 2012. Funding for this project is budgeted within the Water Fund.

## 9. PRESSURE REDUCING VAULT #9 (REPLACEMENT)

A Pressure Reducing Valve (PRV) is used to reduce or increase water pressure from Detroit’s water supply line to Troy’s water supply line. The existing PRV #9, located on Rochester Road, south of South Blvd, is obsolete and will be replaced with a new facility to assure performance and reliability. This pressure reducing vault is proposed to be taken off-line and a new valve vault constructed just south of its current location. Replacement with a new facility will assure performance and reliability, and will provide for an OSHA compliant site. Construction started in September and is anticipated to be complete in February 2012. Restoration and cleanup will be completed in the spring of 2012. Funding for this project is budgeted within the Water Fund.