

2016 CITY STREET IMPROVEMENTS

The City of Apple Valley performs street maintenance work on an annual basis to preserve the condition of streets throughout our community. This work is not specially assessed to residents and property owners as the costs of the program are incorporated into the property tax levy. Apple Valley primarily uses four methods for maintaining the condition of streets:

- Full depth pavement replacement/reconstruction
- Overlay - placement of a new 1-inch to 2-inch thick asphalt surface on the street
- Micro surfacing - sealing the pavement surface
- Chip seal – sealing the pavement surface

Full-depth pavement replacement or reconstruction of a street is utilized as pavement nears the end of its useful life cycle. This process consists of replacing failed or damaged concrete curb and gutter, and removal and reconstruction of the existing pavement, gravel base, and subgrade materials.

Overlays generally consist of patching failed pavement, repairing failed or damaged concrete curb and gutter, milling each edge of the street, and applying a new 1-inch to 2-inch thick layer of pavement over the entire surface. The procedure is generally applied to middle-aged streets and acts to provide a new wearing surface and revitalization of the pavement structure.

Micro surfacing consists of applying a thin (0.25 inches) layer of oil and rock mixture over the existing street surface. The resulting product is similar to a street overlay and has a life expectancy of approximately seven years. Prior to the micro surface application, the street will be crack sealed.

Chip seal consists of an oil-based sealant and crushed aggregate applied primarily on cul-de-sacs and streets with tight curvature and multiple median openings that are not conducive to the micro-surfacing application process. Micro surfacing and chip seal are preventative maintenance techniques.

For 2016, the City of Apple Valley has identified approximately 7 miles of streets to receive one of the four types of maintenance. For specific locations and type of work, see the 2016 City Street Improvements map on the adjacent page.

It is anticipated that overlay work will begin by early June; micro-surfacing and chip seal work will begin in July; and all work will be complete no later than mid-September. Areas of full-depth pavement replacement are anticipated to occur between the months of April and August.

If you have questions, please contact the Public Works Department at 952-953-2400 or pubworks@cityofapplevalley.org.

2016 STREET AND UTILITY IMPROVEMENTS

The 2016 Street and Utility Improvements are taking place in the Palomino 4th Neighborhood. This neighborhood was developed and constructed in the early 1970s. Street pavement throughout the neighborhood is deteriorating rapidly and becoming more costly to repair. The pavement is nearing the end of its service life, showing significant signs of distress, cracking and potholes. The City and homeowners are also encountering problems with the aging sanitary sewer and excess water main breaks.

Due to the aging infrastructure these streets will be receiving new Sanitary Sewer, Water Main, and additional Storm Sewer. Utility improvements will require the removal and replacement of bituminous roadways and concrete curb. Boulevard trees and sidewalk will be removed and sidewalks replaced to meet American Disability Act (ADA) standards. The project is scheduled for summer 2016 construction with substantial completion of work expected in the Fall of 2016.