

**2018-001A****Maywood Dr., Deerwood Dr., Deerwood Ct., and 4th St. S.  
from Maywood/Deerwood Dr. to 14th Ave. S.**

<b>Type of Improvement:</b>	Remove all layers of bituminous pavement, excavate aggregate base, curb & gutter, watermain, and storm sewer. Replace with new pavement, curb & gutter, watermain & services, new class 5 aggregate base & geotextile fabric, storm sewer, future forcemain for the Seidl's Lake lift station, water quality improvements at Seidl's Lake Park, a parking bay for Seidl's Lake Park, restoration and appurtenances.
<b>Affected Properties:</b>	38
<b>Year Street Last Rehabilitated:</b>	1969 Street Reconstruction for Maywood Dr. 1979 Street Reconstruction for Deerwood Dr., and Deerwood Court. 1988 Street Reconstruction for 4th St. S. 1999 Mill & Overlay for Maywood Dr., Deerwood Dr., and Deerwood Ct. 2003 Sealcoat
<b>Street &amp; Curb Condition:</b>	Curbing is in relatively poor condition with deteriorating concrete joints, settlements, and cracking. The asphalt pavement has areas of major cracking and/or pavement distress. The existing soils are silty sands and clays. Engineering is recommending a replacement of the road section with scarified and recompacted subgrade materials, geotextile fabric, 8 inches of class 5 aggregate base, and 4 inches of new pavement.
<b>Sidewalk Condition:</b>	Sidewalk is anticipated to be constructed along Seidl's Lake Park in accordance with the City's Bicycle & Pedestrian Plan and to provide proper ADA accessibility to the existing and future trail system.
<b>Watermain:</b>	The watermain along this segment was inspected and evaluated by the Engineering and Public Works Departments. It was determined that major repairs are necessary, because the watermain servicing the neighborhood is nearing the end of its useful life and the soil conditions are deteriorating the unlined cast iron pipe. New gate valves will be needed to insure future operability.
<b>Sanitary Sewer:</b>	The sanitary sewer and manholes along this segment were inspected and evaluated by the Engineering and Public Works Department and it was determined that no major repairs are necessary at this time. A total of fourteen manhole castings need to be replaced due to deteriorating condition or for infiltration reduction.
<b>Storm Sewer:</b>	The storm sewer, catch basins and manholes were inspected and evaluated by the Engineering and Public Works Departments and it was determined that upgrades will be needed as a result of the watermain construction and to better facilitate drainage as well to provide connection to the storm sewer for the proposed water quality improvements. In addition, a new 18" future forcemain is proposed to be constructed to service the future lift station for Seidl's Lake.
<b>Other:</b>	8 parking spaces are proposed with one handicap accessible space for Seidl's Lake Park as well an underground infiltration gallery with tree plantings.
<b>Summary &amp; Recommendation:</b>	This project is feasible and cost effective. Staff recommends that these streets be included in the 2018 Street Reconstruction program.

<b>OVERALL PROJECT COSTS</b>		\$983,082
Water Fund:		\$258,054
Sanitary Sewer Fund:		\$13,440
Storm Sewer Fund:		\$91,387
Sidewalk Assessments:		
Street Assessments:	≈ 2,623 feet @ \$69.83 /ft	\$183,182
CIP:		\$437,019