

**COUNCIL ACTION FORM**

**SUBJECT: 2016/17 ASPHALT STREET PAVEMENT IMPROVEMENTS  
(NORTHWOOD DRIVE, THOMPSON DRIVE, TRAIL RIDGE ROAD,  
TRAIL RIDGE CIRCLE, AND IDAHO AVE) & 2016/17 WATER SYSTEM  
IMPROVEMENTS PROGRAM #2 – WATER MAIN REPLACEMENT**

**BACKGROUND:**

The Asphalt Street Pavement Improvements is the annual program for reconstruction and resurfacing (rehabilitation) of asphalt streets, typically located within residential neighborhoods. Streets within residential subdivisions have been installed using full-depth asphalt pavement since mid-1970. Full-depth replacement of these streets has become necessary due to structural pavement failure. Rehabilitation of existing asphalt streets is possible where the base asphalt layer is solid, but the surface course has failed.

The locations for this project include **Northwood Drive** (Duff Avenue to west of Thompson Drive), **Thompson Drive** (Kellogg Avenue to north circle), **Trail Ridge Road**, **Trail Ridge Circle**, and **Idaho Avenue** (Ontario Street to north circle). This pavement work will also be coordinated with water main replacement and service transfers on Northwood Drive, Trail Ridge Road, Trail Ridge Circle, and Westwood Drive. The programs have been combined into one project due to the shared locations of the work.

Staff has completed plans and specifications for this contract with a total estimated construction cost of \$1,844,023 for the base bid. Engineering and construction administration costs are estimated at \$276,603, bringing the **total estimated costs for the base bid to \$2,120,626**. Pavement reconstruction along Thompson Drive from Kellogg Avenue to Northwood Drive is included as an add alternate to the project. This additional work has a total estimated construction cost of \$53,360. The engineering and construction administration costs are estimated at \$8,004, bringing the total estimated costs for this add alternate to \$61,364.

The Asphalt Street Pavement Improvements are shown in the 2016/17 Capital Improvement Plan with \$1,250,000 in G.O. Bond funding. The Water System Improvements are shown in the 2016/17 Capital Improvements Plan with \$1,300,000 in funding from the Water Utility Fund. With the 2016/17 Water System Improvements Program #1 having an estimated project cost of \$485,357, there is \$814,643 left for Program #2. Additional Water System Improvement funds are available from past projects coming in under budget, so an additional \$25,947 will be utilized for this project. Various improvements to the sanitary sewer system will also be made with this project using \$43,125 in available funds from the Sanitary Sewer Rehabilitation Program. This brings the **total funds available to \$2,133,715**.

**ALTERNATIVES:**

1. Approve the plans and specifications for the 2016/17 Asphalt Street Pavement Improvements and the 2016/17 Water System Improvements Program #2 – Water Main Replacement (Northwood Drive, Thompson Drive, Trail Ridge Road, Trail Ridge Circle, and Idaho Ave) projects and establish March 1, 2017, as the date of letting and March 7, 2017, as the date for report of bids.
2. Do not approve this project.

**MANAGER’S RECOMMENDED ACTION:**

The combining of these two projects is intended to minimize the inconvenience to area residents by consolidating these projects into one construction season. In addition, this strategy should provide cost savings to the City by minimizing patching costs related to the water main work. By approving these plans and specifications, it will be possible to improve the reliability of the water system and to improve both water quality and street quality for our citizens in this area.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.