

COUNCIL ACTION FORM

**SUBJECT: 2010/11 & 2011/12 ASPHALT RESURFACING AND SEAL COAT
REMOVAL/ASPHALT RECONSTRUCTION PROGRAM**

BACKGROUND:

This is an annual program for removal of built-up seal coat from streets with asphalt surface, as well as asphalt resurfacing of various streets. This program restores surface texture, corrects structural deficiencies, removes built-up seal coat, and prevents deterioration of various streets. This resurfacing process results in better riding surfaces, increased safety with improved surface texture, and increased life expectancy of the streets. Built-up seal coat on streets causes excess crown, which results in vehicles dragging at driveway entrances. Complete removal of this built-up seal coat allows for repair to curb and gutter and placement of a new asphalt surface.

The locations for seal coat removal/asphalt reconstruction in this contract were 22nd Street (Clark Avenue to Duff Avenue), 25th Street (Jensen Avenue to Kellogg Avenue), 26th Street (Jensen Avenue to Kellogg Avenue), Fletcher Boulevard (Bloomington Road to Stonebrook Road), and Melrose Avenue (24th Street to 28th Street).

Previous locations included Little Street (Hayward Avenue to Welch Avenue), which was completed in November 2011, and a second set of streets, East O'Neil (Duff Avenue to Maxwell Avenue) and Hunziker Drive (20th Street to Melrose Avenue), were included in Contract #2 which utilized I-JOBS funding and completed in June 2012.

On May 8, 2012, Council awarded this contract to Manatts, Inc. of Ames, Iowa, in the amount of \$795,711.65.

Change order No. 1 in the amount of \$102,930.00 was approved by City Council on October 23, 2012 and included the addition of Curtiss Avenue to the program. The addition of Curtiss was necessary to provide for better winter maintenance and eliminate safety issues with excessive cross slope on the street.

Change order No. 2 (this Council action) will be the balancing change order for the project and is in the amount of \$83,899.88. Major items in this change order include full depth asphalt base repair patching, removal of unsuitable soil, and geo-grid sub grade stabilization material. These three items total \$59,839 of the \$83,899.88 included in this change order. The work involved in these three items was not known until the final 4 days of the project and were isolated to portions of Fletcher Boulevard and Melrose Avenue. Initial design included field investigation and pavement core results. Those results indicated that the existing asphalt was in acceptable condition to allow for a mill and overlay of the surface. Upon removing the surface, large areas of the base course

of asphalt began to fail rapidly due to being deteriorated from freeze/thaw cycles and fluctuations in the water table that were not evident yet on the surface. Subsequently, the base course of asphalt needed to be patched quickly in order to complete the resurfacing and to return traffic and resident access back to normal operations. The base course of asphalt was not in an acceptable condition to allow traffic back onto it prior to patching. The remaining balance of the change order, \$24,060.88, included additional sanitary sewer repair, and balancing the field installed quantities.

Costs associated with this project to date include the following:

<u>Project Locations</u>	<u>Total</u>
Little Street (Actual)	\$ 44,237.00
East O'Neil & Hunziker (Actual)	\$ 327,207.15
22nd, 25th, 26th, Fletcher & Melrose (Actual)	\$ 879,611.53
Curtiss Avenue (10th to 13th) (Actual)	\$ 102,930.00
Engineering & Administration (Actual)	<u>\$ 203,100.00</u>
Overall Total:	\$1,557,085.68

Financing for the entire 2010/11 program includes \$100,000 from Local Option Sales Tax, \$269,603 from I-JOBS funding, and \$454,634 from Road Use Tax, bringing total 2010/11 funding to \$824,237. Financing for the 2011/12 program includes \$765,500 from G.O. Bonds, bringing overall combined program funding to \$1,589,737.

ALTERNATIVES:

- 1a. Approve Change Order No. 2 in the amount of \$83,899.88 for the 2010/2011 & 2011/2012 Asphalt Resurfacing and Seal Coat Removal/Asphalt Reconstruction Program.
- b. Accept the 2010/2011 & 2011/2012 Asphalt Resurfacing and Seal Coat Removal/Asphalt Reconstruction Program as completed by Manatts, Inc. of Ames, IA in the amount of \$982,541.53.
2. Direct staff to pursue modifications to the project.

MANAGER'S RECOMMENDED ACTION:

The project has now been completed in accordance with approved plans and specifications, and is within the approved budget.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving Change Order No. 2 in the amount of \$83,899.88 and accepting the 2010/2011 & 2011/2012 Asphalt Resurfacing and Seal Coat Removal/Asphalt Reconstruction Program as completed by Manatts, Inc. of Ames, IA in the amount of \$982,541.53.