


## COUNCIL COMMUNICATION

	Number:	<b>18-642</b>	Meeting:	<b>December 3, 2018</b>
	Agenda Item:	<b>11</b>	Roll Call:	<b>18-1976</b>
	Submitted by:	<b>Jonathan A. Gano, P.E., Public Works Director and Steven L. Naber, P.E., City Engineer</b>		

### AGENDA HEADING:

Approving Change Order No. 4 with OMG Midwest, Inc. d/b/a Des Moines Asphalt & Paving for additional work on the Polk Boulevard Reconstruction from Grand Avenue to I-235, in the amount of \$304,494.15.

### SYNOPSIS:

Recommend approval of Change Order No. 4 in an amount not to exceed \$304,494.15 with Des Moines Asphalt & Paving, Jeffrey A. Chapman, General Manager, 2401 SE Tones Drive, Suite 13, Ankeny, IA, 50021, for additional work on the Polk Boulevard Reconstruction.

### FISCAL IMPACT:

Amount: \$304,494.15

Funding Source: 2018-19 CIP, Page Street – 32, Roadway Reconstruction, ST260, Road Use Tax

### ADDITIONAL INFORMATION:

- On April 9, 2018, under Roll Call No. 18-0640, the City Council approved plans and specifications and designated the lowest responsible bidder as Des Moines Asphalt & Paving for \$640,927.50. The project addresses the deteriorated roadway condition of Polk Boulevard from Grand Avenue to I-235 with installation of full-depth Hot Mix Asphalt (HMA) pavement.
- Change Order No. 1, 2 and 3 added quantities for modified subbase and addressed unsuitable subgrade material which included additional oversized rock and geogrid fabric.
- Change Order No. 4 includes the following additional work on the Polk Boulevard Reconstruction due to excessive rains and unsuitable pavement subgrade conditions.
  - The first phase of work from Grand Avenue to Ingersoll Avenue occurred in the same timeframe as the June 30, 2018 rainfall event, which saturated soil conditions and resulted in removal of the new pavement section due to instability. This included a significant amount of base course HMA pavement.

- After pavement removal in subsequent phases of work, saturated subgrade conditions were also encountered and the soils did not behave as anticipated in the geotechnical report completed during the design phase.
- To stabilize the subgrade, it was necessary to remove an additional 8-inches of subgrade and install an additional layer of geogrid and oversized rock in its place.
- To further fortify the pavement section, the rock subbase that was to be situated on top to the oversized rock was also replaced with a drainable rock subbase. The ultimate pavement section now is comprised of 14-inches of rock and 7-inches of HMA pavement. The new pavement section will maximize the potential for a long-lasting roadway for years to come.
- The existing gutter along Polk Boulevard was overlaid with the existing asphalt pavement. Upon removal of the existing pavement, it was discovered that the existing curb and gutter were in poor condition. An additional 1,680-feet of curb was removed and replaced.

**PREVIOUS COUNCIL ACTION(S):**

Date: April 9, 2018

Roll Call Number: [18-0640](#)

Action: [On](#) Polk Boulevard Reconstruction from Grand Avenue to I-235: Resolution approving plans, specifications, form of contract documents, Engineer's estimate and designating lowest responsible bidder as OMG Midwest, Inc. d/b/a Des Moines Asphalt & Paving (Jeffrey A. Chapman, General Manager), \$640,927.50. ([Council Communication No. 18-175](#)) Moved by Mandelbaum to adopt. Motion Carried 7-0.

**BOARD/COMMISSION ACTION(S): NONE****ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

Accepting completed construction and approving final payment on public improvement construction contracts.

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