

COUNCIL ACTION FORM

SUBJECT: GRAND AVENUE EXTENSION – PROFESSIONAL SERVICES AGREEMENT AMENDMENT

BACKGROUND:

This project is the extension of South Grand Avenue from Squaw Creek Drive to South 16th Street. Included is an extension of South 5th Street (South Grand Avenue to South Duff Avenue) as well as intersection improvements to the South Duff Avenue (US Hwy 69)/South 16th Street and South Grand Avenue/S 16th Street.

Extending South Grand Avenue to South 16th Street will divert traffic from the US Hwy 69 corridor (Grand Avenue to Lincoln Way to South Duff Avenue) to the new extension. It will help alleviate existing vehicular congestion, reduce accidents, and improve accessibility to area businesses along a portion of Lincoln Way and South Duff Avenue. In addition, through-traffic on the proposed South Grand Avenue extension will also encounter less traffic congestion.

On January 10, 2017, City Council approved the engineering services agreement with Shive Hattery from West Des Moines, Iowa, in an amount not to exceed \$1,045,000. As design has continued since January, a few services have been identified that were not completely covered under the original contract. These include:

- Right-of-Way Acquisition Services (by Sub-Consultant) – 9 parcels were included in the original scope, including 6 appraisals. Amendment increases this to 21 parcels, including 7 appraisals, which includes both land acquisition, plus permanent and temporary easements.
- S. 16th Street Sidewalk design – No sidewalk exists today between S. Duff Avenue and S Grand Avenue along the south side of S. 16th Street, this would infill this section during this construction project.
- S 5th Street Shared Use Path – This would extend the shared use path along the south side of S. 5th Street (from approx. Boys and Girls Club to S. Duff Avenue).
- Environmental Assessment (EA) – Amend the EA to include the necessary channel grading for the bridge over Squaw Creek.
- Deduction of Phase I Archeological Study for the (Potential) Borrow site near S. 5th Street – This was previously anticipated in the original scope but is no longer necessary.
- Hazardous Material Investigations (by Sub-Consultant) – Limited information is known for some of the anticipated impacted areas, so further testing is being required.
- Soil and Groundwater Management Plan (by Sub-Consultant) – This plan will include discussion of site conditions and assessment of residual water/exposure.

- Geophysical Survey Services (by Sub-Consultant) – This would involve ground penetrating radar (GPR) to identify the former landfill boundary, including changes in the subsurface areas. Electromagnetic induction (EMI) will also be utilized to identify changes in soil conductivity and anomalous soil features too deep for GPR.

The Grand Avenue Extension project includes land acquisition, engineering design, construction, and construction administration. This proposed amendment provides for necessary services in order to complete the plan design. The amount of the amendment fits within the already issued local funds. The overall project funding is programmed as follows:

	2016/17	2017/18	2018/19	Total
Funding Source:				
G. O. Bonds	\$1,300,000	\$4,000,000	\$3,700,000	\$9,000,000
Federal/State Grants	\$700,000	\$1,725,000	\$1,725,000	\$4,150,000
MPO/STP Funds		\$2,000,000	\$2,300,000	\$4,300,000
			Total Funding	\$17,450,000

Land acquisition negotiations are currently in process utilizing a sub-consultant and conversations about value are continuing with land owners. Grant applications have also been submitted from various sources and it is anticipated that staff will hear an update in December about the status of award/not award for this project. If external grants are not received, City Council may need to consider additional G.O. Bonds in order to complete this project on the same schedule.

Below is a summary of estimated expenses; however the estimated construction costs will be fine-tuned with more detailed design. Ultimately, construction bids will be obtained for the three projects noted below.

Expenditures:	
Engineering (Est.)	\$2,150,000
Land Acquisition (Est.)	\$1,000,000
S 5th St / S Grand Ave Construction (Pre-Bid Design Est.)	\$4,000,000
S 16th St / S Duff Ave Construction (Preliminary Design Est.)	\$1,300,000
S Grand Ave Extension Construction (Conceptual Design Est.)	\$9,000,000
Total Expenses	\$17,450,000

ALTERNATIVES:

1. Approve the engineering services agreement amendment for the Grand Avenue Extension - Design with Shive Hattery from West Des Moines, Iowa, for an additional amount not to exceed \$102,891 (total contract not to exceed \$1,147,891).
2. Direct staff to re-negotiate engineering services contract amendment.
3. Direct staff to achieve these services in a different contractual manner.

MANAGER'S RECOMMENDED ACTION:

The Grand Avenue Extension project will be completed in several bid packages over the next few fiscal years. The first bid package is S. 5th Street from the Boys and Girls Club to S. Grand Avenue. Second will be S. 16th Street/S. Duff Avenue intersection improvements. Finally will be the extension of S. Grand Avenue over Squaw Creek to S. 16th Street.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving the engineering services agreement amendment for the Grand Avenue Extension - Design with Shive Hattery from West Des Moines, Iowa, for an additional amount not to exceed \$102,891 (total contract not to exceed \$1,147,891).