

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date	December 22, 2008
	Agenda Item No. 7 Roll Call No. 08- Communication No. 08-752 Submitted by: Jeb E. Brewer, P.E. City Engineer	

AGENDA HEADING:

Ordering construction of the following: Pleasant Drive Bridge over Cummins Creek - Receiving bids, (1-27-09), and Setting date of hearing, (2-9-09). (Construction Estimate - \$1,016,787.25).

SYNOPSIS:

Recommend the City Council proceed with construction of the improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. This project provides for the replacement of the structurally deficient and geometrically obsolete bridge on Pleasant Drive over Cummins Creek with a new bridge. The new structure will allow for improved roadway geometrics and pedestrian access while improving the hydraulic capacity of Cummins Creek. Recent bridge inspections determined that this 60-year old bridge is structurally deficient and is nearing the end of its useful life. Further deterioration of this structure will require load limit posting or possible closure. The bridge has been designed to allow the planned Waveland Trail to pass underneath the structure and includes grading and retaining wall construction for the trail project.

FISCAL IMPACT:

Amount: \$1,016,787.25 City Engineer's Estimate

Funding Source: 2008-2009 CIP, Page BRV-12, Pleasant Drive over Cummins Creek, BRV040, Being: \$861,477.25 for bridge construction work in Gaming Monies from the Agreement with Polk County and The Racing Association of Central Iowa. The bridge has been designed to allow the planned Waveland Trail to pass underneath the structure and includes grading and retaining wall construction for the trail project estimated at \$155,310, which will be funded with G. O. Bonds from PKS045, Recreation Trails, Page Parks-22

ADDITIONAL INFORMATION:

The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Pleasant Drive Bridge over Cummins Creek, 12-2007-007. The improvement includes removal of the existing bridge and substructure, construction of the new slab bridge, bridge approach pavement removal and replacement, storm sewer and intakes, utility ducts, excavation and grading, PCC subbase, PCC pavement, sidewalk removal and replacement, hydrant adjustment, ornamental handrail, modular block wall, fencing, erosion control, silt fence, seeding, sodding, rip rap, construction survey, project sign, traffic control and mobilization; all work in accordance with the contract documents including Plan File Nos. 494-120/166, in the 6000 Block of Pleasant Drive, Des Moines, Iowa.

The estimated construction cost is \$1,016,787.25. The proposed plans, specifications, and form of contract documents are available for public inspection in the City Engineer's Office.

PREVIOUS COUNCIL ACTION(S):

Date: October 8, 2007

Roll Call Number: 07-1919

Action: Approving Professional Services Agreement with Engineering Alliance, Inc. for design and construction phase services for the Pleasant Drive Bridge Replacement over Cummins Creek, not to exceed \$78,805. (Council Communication No. 07-603) Moved by Hensley to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Anticipated actions include public hearing, receive and file bids, designate lowest bidder, and approve contract and bond; also partial payments to the contractor and final acceptance of work.

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