



TO: Michael C. Van Milligen, City Manager

FROM: Gus Psihoyos, City Engineer

DATE: October 23, 2015

SUBJECT: Bee Branch Creek – Basin Overlook & 22nd Street Parking Lot Project
Iowa DOT Project No. TAP-U-2100(683)--8I-31
(CIP#7201654 & 3401654)

INTRODUCTION

The purpose of this memorandum is to provide the information for the Public Hearing on the Bee Branch Creek – Basin Overlook & 22nd Street Parking Lot Project, Iowa DOT Project No. TAP-U-2100(683)--8I-31.

BACKGROUND

In April of 2011, the City Council passed Resolution 114-11, authorizing the execution of the River Enhancement Community Attraction and Tourism (RECAT) Program Grant which includes funding for an overlook at the 16th Street Detention Basin (Basin Overlook) and the trail head parking at 22nd Street (22nd Street Parking Lot).

In December of 2014, the City Council passed Resolution 383-14 authorizing the City Manager to sign and submit a Request for Transportation Improvement Program Funds to the IDOT for the use of Dubuque Metropolitan Area Transportation Study (DMATS) funding for the Basin Overlook improvements.

In February of 2015, the City Council passed Resolution 33-15 authorizing the City Manager to submit a Request for Transportation Improvement Program Funds to the IDOT for the use of DMATS funding for the 22nd Street parking improvements.

In May of 2015, DMATS amended their FY 2015-2018 Transportation Improvement Program budget to include \$960,000 in Transportation Alternative Program (TAP) funding for the improvements associated with the Basin Overlook and the 22nd Street Parking Lot.

In July of 2015, the City Council passed Resolution 223-15 approving the Federal -Aid Agreement with the IDOT in order for the City to receive the Transportation Alternatives Program funding for the project.

DISCUSSION

The Upper Bee Branch Creek Restoration Project (Phase 7 of the Bee Branch Watershed Flood Mitigation Project) will be constructed through multiple contracts. The Bee Branch Creek – Basin Overlook & 22nd Street Parking Lot Project is the fourth contract.

The overlook improvements will be adjacent to the Lower Bee Branch Creek near the 16th Street Detention Basin. Features of the overlook and plaza area will include a pavilion, concrete sidewalk, lighting, drinking fountains, bike racks, trash receptacles, benches, trees, shrubs, and interpretive signs.

The improvements associated with the 22nd Street parking lot involves the construction of a 12-space trailhead parking lot at Prince Street to provide trail access for the Bee Branch Creek Mississippi River Trail Route, the 26-mile Heritage Trail, and the Mississippi River Trail Route. The design features a pervious pavement system to infiltrate storm water and minimize the need for storm sewer. The proposed storm sewer drainage system also includes a nutrient separating baffle box to further mitigate the discharge of pollutants into the adjacent Bee Branch Creek. The project also includes sidewalk, lighting, benches, flag poles, litter receptacles, a water fountain, trees, shrubs, and other landscaping elements.

Due to the use of DMATS TAP funding, the project must be let through the Iowa Department of Transportation (Iowa DOT) who administers the funds on behalf of both the federal and state governments.

PROJECT SCHEDULE

The schedule for the Bee Branch Creek – Basin Overlook & 22nd Street Parking Lot Project is as follows:

Preliminary Approval of plans, specifications, form of contract, and estimated cost; Setting of Public Hearing	October 19, 2015
Advertisement for Bids (Iowa DOT)	October 27, 2015
Publish Notice of Public Hearing	October 23, 2015
Public Hearing on Plans & Specifications	November 2, 2015
Bid Letting (Iowa DOT)	November 17, 2015
Award Construction Contract (Subject to Iowa DOT Approval)	December 7, 2015
Completion Date	Completed Fall 2016

Local projects bid through the Iowa DOT are advertised by the Iowa DOT. However, the City still holds a public hearing to consider the plans, specifications, form of contract, and estimated cost for the project prior to the letting. Following the public hearing, a request to award the contract will be sent to the City Council for their consideration. The

City's award would be subject to Iowa DOT approval. This process is in full compliance with the Iowa Code public bidding requirements.

RECOMMENDATION

I recommend that the City Council approve the plans, specifications, form of contract and estimated cost for the Bee Branch Creek – Basin Overlook & 22nd Street Parking Lot Project through the adoption of the enclosed resolution.

BUDGET IMPACT

The estimate of probable costs for the Bee Branch Creek – Basin Overlook & 22nd Street Parking Lot Project is as follows:

Fund Source Description	Estimate
Construction	\$1,228,776
Contingency	122,878
Engineering	202,748
Total Project Cost	<u>\$1,554,402</u>

The project will be funded by the Fiscal Year 2016 appropriation in the amount of \$43,359,000 for the Bee Branch Creek Restoration Project – Phase 4 and Phase 7 of the Bee Branch Watershed Flood Mitigation Project [CIP#7201654]. Project funding includes \$960,000 from a DMATS TAP appropriation and \$228,500 from a Vision Iowa RECAT grant.

ACTION TO BE TAKEN

I respectfully request adoption of the attached resolution approving the plans, specifications, form of contract and estimated cost for the Bee Branch Creek – Basin Overlook & 22nd Street Parking Lot Project.

Attach.

Prepared by Deron Muehring, Civil Engineer II

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