



TO: Michael C. Van Milligen, City Manager
FROM: Deron Muehring, Civil Engineer
DATE: July 26, 2016
SUBJECT: Bee Branch Watershed Flood Mitigation Project Update

INTRODUCTION

The purpose of this memorandum is to request the opportunity to make a presentation to the City Council in order to provide an update on the various phases of the Bee Branch Watershed Flood Mitigation Project.

BACKGROUND

On November 18, 2013 the City Council passed Resolution 335-13 adopting the 2013 Drainage Basin Master Plan Amendment. The amended Drainage Basin Master Plan outlined several improvements throughout the Bee Branch watershed to mitigate the effects of future flooding and disasters. The Bee Branch Watershed Flood Mitigation Project represents a multi-phased, fiscally responsible investment. It reflects a holistic approach to mitigate flooding as it will improve water quality, stimulate investment, and enhance the quality of life of watershed residents. Collectively, the improvements form the basis of the Bee Branch Watershed Flood Mitigation Project outlined in the table below.

Phase	Description	Status
1	Carter Road Detention Basin	Complete
2	West 32nd Street Detention Basin	Complete
3	Historic Millwork District (Complete Streets)	Complete
4	Lower Bee Branch Creek Restoration	Functional
5	Flood Mitigation Gate Replacement	Under Design
6	Impervious Surface Reduction (Green Alleys)	Under Construction
7	Upper Bee Branch Creek Restoration	Under Construction
8	22nd Street Storm Sewer Improvements	
9	Flood Mitigation Maintenance Facility	
10	North End Storm Sewer Improvements	
11	Water Plant Flood Protection	
12	17th Street Storm Sewer Improvements	

In May of 2015, the City Council passed Resolution 176-15 awarding the construction contract for the Upper Bee Branch Creek — Channel, Streets, & Utilities Project to Portzen Construction in the amount of \$27,819,266.00. Resolution 177-15 was also passed awarding the construction contract for the Upper Bee Branch Creek — Structures Project to Tricon

General Construction in the amount of \$5,714,880.00.

DISCUSSION

Work continues on multiple phases of the Bee Branch Watershed Flood Mitigation Project, most notably the Impervious Surface Reduction (Green Alleys) and the Upper Bee Branch Creek Restoration Project. Construction can result in significant impacts to citizens, businesses, and the community as a whole. In addition, the recent heavy rains created familiar flooding conditions, conditions that the Bee Branch Watershed Flood Mitigation Project is designed to address. Therefore, it is appropriate to provide the City Council and Dubuque citizens an update as progress is made on the various elements of the multi-phase project.

REQUESTED ACTION

I respectfully request that the City Council agenda allow for a presentation on the status of the multi-phase Bee Branch Watershed Flood Mitigation Project.

Prepared by Deron Muehring

cc: Barry Lindahl, City Attorney
 Teri Goodmann, Assistant City Manager
 Gus Psihoyos, City Engineer
 Steve Brown, Project Manager
 Randy Gehl, Public Information Officer