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**COMMUNITY DEVELOPMENT**

**Planning,  
Zoning,  
Building Safety,  
Construction Inspection Services,  
Public Health,  
Housing Inspections,  
Code Enforcement**

**MEMORANDUM**

**To:** Mayor and City Council Members

**Cc:** Gregg Mandsager, City Administrator

**From:** Steven Boka, Director of Community Development

**Date:** May 13, 2013

**Re:** Resolution Approving and Accepting the O&M Manual for Mad Creek Levee

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**INTRODUCTION:** In September of 2008, the City of Muscatine entered into a Project Cooperation Agreement (PCA) with the Army Corps of Engineers (USACE) to construct a levee improvement project for the Mad Creek Levee.

**BACKGROUND:** This nearly \$9,000,000 project includes flood protection enhancements from Geneva Creek to the confluence of Mad Creek at the Mississippi River. This low-lying area is subject to flash flooding and consists of a mixture of Industrial, commercial and residential uses, as well as a designated historic downtown district. Major components of the Mad Creek Project included raising existing levees and 1,700 feet of existing floodwalls by approximately 2 feet, construction of 230 feet of new floodwall, construction of a new bulkhead closure gate to replace an aging panel closure structure at Mississippi Drive, replacing an aging floodgate panel structure at Second Street with a rolling closure structure, and the construction of a new flood closure gate south of Washington Street on the rail spur serving Heinz, USA. With the recent completion of the Project, the City has been requested to accept and approve the Operation and Maintenance (O&M) Manual for the Project.

**RECOMMENDATION/RATIONALE:** City staff is in receipt of this 688-page document and is recommending that the City Council formally accept and approve the O&M Manual as prepared and submitted for the Project. Please place the attached resolution on the agenda for City Council consideration during their May 16, 2013 Meeting

**BACKUP INFORMATION:**

**"I remember Muscatine for its sunsets. I have never seen any  
on either side of the ocean that equaled them" — Mark Twain**

**RESOLUTION NO. \_\_\_\_\_**

**A RESOLUTION ACCEPTING AND APPROVING THE OPERATION AND MAINTENANCE MANUAL DATED MARCH 2013 FOR THE MAD CREEK LEVEE IMPROVEMENT PROJECT IN THE CITY OF MUSCATINE, IOWA**

**WHEREAS**, the City of Muscatine entered into a Project Cooperation Agreement (PCA) with the United States Army Corps of Engineers (USACE) for the construction of specified flood protection enhancements in 2008; and

**WHEREAS**, the Project identified as the “Mad Creek, Mississippi River and Geneva Creek – Federal Section 205 – Flood Risk Management Project” is now complete and the Project Operation and Maintenance Manual has been submitted, reviewed and is prepared for acceptance and approval by the City Council

**NOW, THEREFORE, BE IT RESOLVED** that the City of Muscatine hereby approves and accepts the Operation and Maintenance Manual dated March of 2013 and identified as the “Mad Creek, Mississippi River and Geneva Creek - Federal Section 205- Flood Risk Management Project” and that said improvements shall be operated and maintained as part of the public infrastructure.

**PASSED, APPROVED AND ADOPTED** this 16<sup>th</sup> day of May, 2013.

**BY THE MAYOR AND CITY COUNCIL FOR  
THE CITY OF MUSCATINE, IOWA**

**ATTEST:**

\_\_\_\_\_  
DeWayne Hopkins, Mayor

\_\_\_\_\_  
Gregg Mandsager, City Clerk

**MAD CREEK, MISSISSIPPI RIVER AND GENEVA CREEK**

# **MAD CREEK**

**CITY OF MUSCATINE  
MUSCATINE COUNTY, IOWA**

**US ARMY CORPS OF ENGINEERS FEDERAL  
SECTION 205 – FLOOD RISK MANAGEMENT PROJECT**

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# **OPERATION AND MAINTENANCE MANUAL**

**MARCH 2013**

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**US Army Corps  
of Engineers ®**  
Rock Island District