

A RESOLUTION ADOPTING THE 2009 THROUGH 2013 FISCAL YEAR CAPITAL IMPROVEMENTS PROGRAM FOR THE CITY OF MUSCATINE, IOWA

WHEREAS, a recommended Capital Improvements Program for the period 2008-2009 through 2012-2013 was reviewed and recommended by the Planning and Zoning Commission of Muscatine; and

WHEREAS, this recommended Capital Improvements Program was submitted to the City Council for review; and

WHEREAS, the City Council reviewed the Capital Improvements Program and finalized its scheduling of projects for fiscal years 2009-2013;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA, that the 2009-2013 Capital Improvements Program set out in the attached exhibit is hereby approved and adopted as the schedule of capital improvements in the years shown, subject to annual review and revisions.

PASSED, APPROVED, AND ADOPTED this 15th day of January, 2009.

**CITY COUNCIL OF THE CITY OF
MUSCATINE, IOWA**


Richard W. O'Brien, Mayor




AJ Johnson, City Clerk

CAPITAL IMPROVEMENTS PROGRAM AND BUDGET

CITY OF MUSCATINE, IOWA



FISCAL YEARS 2009-2013

JULY 1, 2008 – JUNE 30, 2013

RESOLUTION NO. 90665-0109

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ACKNOWLEDGEMENTS

The review process required for the preparation of this document is indebted to all the members of the Planning and Zoning Commission of Muscatine. Their contribution is acknowledged.

PLANNING AND ZONING COMMISSION – 2009

John Sayles, Chairperson

Cathy Halstead
Dan Gray
Larry Koehrsen

Allen Harvey
Gina Kutsch
Denise Openshaw

The adoption of this Capital Improvements Program and Budget was completed on January 15, 2009 by the following City Officials:

CITY COUNCIL

Osama Shihadeh
Bob Bynum
Philip Fitzgerald
Jerry Lange

Robert Howard
Dyann Roby
Marie Press

MAYOR

Richard W. O'Brien

The report was coordinated and prepared by Steven Boka, Director of Planning, Zoning and Building Safety with input from all City Departments, Boards and Commissions. Staff members who assisted included Jim Rudisill and Dan Beenen.

INTRODUCTION

Capital Improvements Programming is the planning, coordination, and scheduling of public physical improvements for a community over a period of years. The scheduling is developed according to priorities based upon need, desire and importance of such improvements to the community within the constraints of the City's ability to finance as well as implement and administer the projects. As such, the Capital Improvements Program is a legislative and management tool to facilitate the scheduling, planning and execution of a series of public improvements over a five-year period. A five-year Capital Improvements Program is required of Iowa cities by state law.

BENEFITS

Among the benefits resulting from the systematic capital improvements programming are:

- Attention is focused on the needs, goals and capabilities of the community. Capital projects can then be directed towards addressing these concerns.
- Capital improvements programming can promote the optimal use of taxpayers' dollars by guiding local officials in making sound annual budget decisions.
- Coordination of capital improvements programming can reduce scheduling problems, conflicting and overlapping projects, and over-emphasis of government functions, thereby promoting more efficient governmental administration.
- Local citizens and officials are presented a comprehensive picture of capital projects for which public monies are to be expended.
- A sound and stable financial program can be maintained. By identifying desirable projects and their cost elements, available financial resources and the constraints upon these resources and then developing a realistic financing program, drastic changes in the tax structure and bonded indebtedness can be avoided. By balancing the demands for limited public funds, the basis for determining appropriations tax rates are clearly and objectively established.
- Intergovernmental and regional cooperation can be enhanced by providing public officials of all governmental units an opportunity to plan the location, timing and financing of needed improvements in the interests of the community as a whole. Through adequate planning and cooperation, duplication of effort, increased costs and public inconveniences can be minimized.

DEFINITION OF CAPITAL IMPROVEMENTS

For the purpose of this program, a Capital Improvement Project is defined as any major non-recurring expenditure, or any expenditure for physical facilities, in excess of \$25,000.00. Examples of capital improvements include:

- Construction, reconstruction, improvement or rehabilitation of public facilities and public works; and site or other improvements such as streets and alleys, sewers, airports, drainage facilities and park and recreation facilities, etc.
- Purchase of fixed or wheeled equipment.
- Demolition activity.
- Relocation assistance.
- Publicly financed assistance for housing rehabilitation.
- Street, sewer and property improvements.
- Neighborhood improvement projects, including efforts in designated urban revitalization areas.

Routine replacement of vehicles or equipment is not considered a capital improvement project in the context of this Capital Improvements Program.

DEFINITION OF FISCAL YEAR

The City of Muscatine operates on a fiscal year basis that begins on July 1 of each year and ends on June 30 of the following year. Fiscal years are identified by the ending year. Therefore the specific fiscal years and periods covered by this report are:

FY 2009 (FY 09): July 1, 2008 - June 30, 2009
FY 2010 (FY 10): July 1, 2009 - June 30, 2010
FY 2011 (FY 11): July 1, 2010 - June 30, 2011
FY 2012 (FY 12): July 1, 2011 - June 30, 2012
FY 2013 (FY 13): July 1, 2012 - June 30, 2013

PLANNING PROCESS AND PARTICIPANTS

Elected officials, citizens and city staff participated in the development of the Capital Improvements Program. The Planning and Zoning Commission of the city played an important role in the project identification, evaluation and selection process. Further, citizen involvement opportunities were provided by various public meetings before the adoption of the program and the budget preparation and adoption process necessary to implement the current capital budget.

All city departments, commissions and boards were requested to submit proposals for capital improvement projects for the period from the current fiscal year through the next five-year period.

All proposed projects were described on Project Identification Forms to facilitate fair evaluation. The Project Identification Forms summarized the following information: project description, purpose of project, estimated cost and future financial burdens or savings resulting from the project.

The proposed projects were evaluated by the Department of Planning, Zoning & Building Safety and the Planning and Zoning Commission. The review process, involving several months, centered on in-depth discussions with each department submitting proposals. The projects were evaluated in terms of the perceived need, increase or decrease in associated maintenance and staffing and in the final analysis by a vote of the Planning & Zoning Commission. The Capital Improvements Project for FY 2008-2009 through FY 2012-2013 was then submitted to the City Council for review. The City Council adopted the Capital Improvements Program by resolution on January 15, 2009.

As an individual capital improvement project is implemented, a public meeting, or if necessary a public hearing, is conducted on that specific project and a resolution relating to the financing of that project is also approved by the City Council. The Resolution (see sample in the back of this document) requires the City to make a declaration of its official intent to reimburse itself for incurred project expenditures out of the proceeds from a subsequent bond issue for that project.

PROJECT INDEX

A total of 78 capital improvement projects are listed in the Fiscal Years (FY) 09-13 Muscatine Capital Improvement Projects Report. See Page 5 for a definition of fiscal year and the specific period covered by this report.

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FISCAL YEAR PROJECT BREAKOUT

The following table breaks out each of the 78 projects listed in this report according to the fiscal year in which that project will be conducted. See Page 5 for description of fiscal years and the dates covered by this report

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**FISCAL YEAR PROJECT BREAKOUT
(cont.)**

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PROJECT DESCRIPTIONS

ENVIRONMENTAL QUALITY

Comprehensive Plant Renovation

Comprehensive Plant Renovation

In conjunction with the plant evaluation, which was completed in FY 08, the renovation of the water pollution control plant is also proposed. All processes will be examined, including all structures and equipment and recommendations made for their appropriateness and replacement. The processes date from 1964 to 1999. It is anticipated there will be reductions in utility operating costs, but those savings have not yet been determined. There will be savings in repair expenses. Maintenance costs will remain stable. The Roughing Filter Renovation Project was completed in FY 2007 and will not be repeated as part of the full plant renovation.

Estimated Cost:	\$18,500,000
Funding Schedule:	FY 09-11
Funding:	Iowa Finance Authority – State Revolving Fund, with repayment through customer sewage rate system

Water Pollution Control Plant

Maintenance Storage Building

A new maintenance/storage building is proposed for construction. A storage area is needed for vehicles and bio-solids equipment and also to provide space to perform minimal maintenance or repairs. Planning and engineering for the building was done in FY 08.

Estimated Cost:	\$115,000
Funding Schedule:	FY 09
Funding:	Sewer Use Revenue

Truss Arm Replacement on Final Clarifiers

Deteriorating truss arms in the three final clarifiers would be replaced under this proposal. Paint is starting to peel and corrosion is showing on the existing arms. Two quotes were received for removal and repainting at +\$50,000. A local metal fabricator will construct new arms out of stainless steel and install for \$40,000. The proposal is to replace one annually over the next three years.

Estimated Cost:	\$120,000
Funding Schedule:	FY 09-11
Funding:	Sewer Use Revenue

Laboratory Remodel

The proposed Laboratory Remodel Project will require the update of the current laboratory flooring, countertops and fume hoods. Wall coverings are not included at this time, but may eventually be needed. The project will replace cabinetry from 1965 and 1985. The 1965 cabinetry is steel case and lasted over 40 years. The cabinets have been painted several times. The chemical acid usage in the laboratory is taking its toll on the cabinets, which had an estimated life expectancy of about 40 years. The 1985 cabinetry is particle laminate and in poor condition. The doors of these cabinets are falling off and sagging. The fume hood needs to be replaced with a properly ventilated chemical storage/fume hood unit.

PROJECT DESCRIPTIONS

(cont.)



The life expectancy of the laminated cabinets was 20-25 years. The harsh chemicals used in the laboratory have shortened the life of the cabinets. The countertops also need to be replaced. The laboratory floor covering is currently the same material as the rest of the facility in this part of the building. The laboratory floor is severely damaged because of chemical usage and water. This proposal does not include any major changes to the building at this time.

Water Pollution Control
Plant Laboratory

Estimated Cost:	\$96,600
Funding Schedule:	FY 10-11
Funding:	Sewer Use Revenue

Metal Analysis Instrumentation

Replacement of the Thermal Electron Atomic Absorption Instrument (Model M5AA) is proposed. The current Atomic Absorption (AA) instrument will require replacement. This instrument performs testing for the plant sludge operations, pretreatment/metal finishers and the plant headwork studies. The instrument will need to be replaced for continuing analysis for metals testing. The laboratory has the option to move to a slightly more expensive unit, which will require less analysis time. This proposed instrument is called an Inductively Coupled Plasma Spectrometer or ICP. This will be researched for cost of analysis, analyst time and operational costs in the future.

Estimated Cost:	\$65,000
Funding Schedule:	FY 10
Funding:	Sewer Use Revenue

High Performance Grit Removal

Because of sand accumulation and pumping, the existing grit removal system needs to be upgraded to a high performance system. This work was not part of the plant renovation. The existing system is unable to handle the large amounts of sand and grit that are produced and pumped to the plant during heavy rain events. It is pumped throughout the plant and plugs critical piping needed for the treatment process.

Estimated Cost:	\$254,000
Funding Schedule:	FY 09-11
Funding:	Sewer Use Revenue

PROJECT DESCRIPTIONS
(cont.)

FINANCE & ADMINISTRATION

Replace AS/400 with new I Series Computer

The current AS/400 Model 170 was removed from Public Safety Dispatch and installed in the Finance Department in January 2006. At that time, this installation was considered a two-year transitional investment into a new machine. The operating system installed on the Model 170 is V5R2MO, which is the last version supported on the Model 170. IBM's recent release is V5R4MO, meaning the city is now two releases from the current operating system. If the city falls three releases from the up-to-date version of IBM's operating system, it potentially risks not being able to install software updates from the application software vendor. This system includes all the city's financial, accounts payable, accounts receivable, payroll and cash register applications. The purchase of the Model 170 will provide an estimated cost savings of \$2,700 annually in operating expenditures. This estimate is based on the hardware/operating system software maintenance agreement for three years being included in the project acquisition cost. Beginning the fourth year, this operating expenditure savings will expire.

Estimated Cost:	\$32,000
Funding Schedule:	FY 09
Funding:	Local Government Revenue

Annual Equipment Replacements

This includes vehicle and equipment replacements for all General Fund departments, excluding those funded from Road Use Tax funds. Every two years the city's police squad cars are replaced at a cost of approximately \$140,000. This request also includes vehicle replacements in other departments, including the various divisions of the parks department, other police vehicles, building and grounds vehicles, etc. It is anticipated there will be decreased vehicle/equipment repair costs on new vehicles/equipment. The actual amount of that savings will vary for each purchase.

Estimated Cost:	\$774,900
Funding Schedule:	FY 09-13
Funding:	General Fund Allocations Bonds

Annual Computer Replacements

This proposal includes \$50,000 annually to cover computer replacements for all General Fund departments, excluding those funded from Road Use Tax funds.

Estimated Cost:	\$250,000
Funding Schedule:	FY 09-13
Funding:	General Fund Allocations Bonds

Telephone System with VoIP (Voice Over Internet Protocol)

The telephone systems at the Art Center, City Hall and Public Works facilities are proposed for replacement with complete systems that integrate VoIP technology. The current system at Public Safety will also be upgraded to incorporate VoIP. The VoIP will allow easier telephone transfers between city facilities.

PROJECT DESCRIPTIONS
(cont.)

Estimated Cost: \$45,000

Funding Schedule: FY 09

Funding: General Fund Allocations
Bonds

City Parking Lot Resurfacing

Three city parking lots are proposed for resurfacing. These improvements are needed to prevent further surface deterioration of these lots. No direct impact on annual operating expenditures is anticipated. Lots proposed for work include:

- City Parking Lot #4 (along Mississippi Drive from Cedar to Sycamore). This lot is in need of resurfacing. There has been significant surface deterioration in this lot over the last several years. This is the highest priority for parking lot resurfacing.
- City Parking Lot #2 (Second & Pine). Within the next few years, this lot will also need resurfacing. Although not part of this request, a change in configuration in this lot may also be of benefit, since the lot layout was originally designed when Second Street was one-way going the other direction.
- City Parking Lot #1 (lower lot at Third & Chestnut). This lot will also need resurfacing within the next few years.

Estimated Cost: \$135,000

Funding Schedule: FY 09-11

Funding: Parking Fund Revenue
Road Use Tax



Parking Lot
Resurfacing Areas

HOUSING

Replace Emergency Generator

This project will replace a 28-year-old emergency generator at the Clark House with a new unit. The old generator has worn out because of age. The project account number assigned to this acquisition is 80023.8020.75507. Development of preliminary plans is in progress. Other projects that will be affected by this project include removal of old fuel oil tank and removal and replacement of a concrete drive pad.

PROJECT DESCRIPTIONS

(cont.)



Clark House

Estimated Cost:	\$52,000
Funding Schedule:	FY 09
Funding:	Capital Improvements - HUD

PLANNING, ZONING & BUILDING SAFETY

Brier's Ditch Improvement Project

This proposal calls for Brier's Ditch to be piped in order to reduce bridge crossings and other drainage work that could restrict the development of land that is generally bounded by Grandview Avenue, Musser Street and Houser Street. The proposed project will reduce maintenance costs for the city by eliminating the need for ditch cleaning and vegetation clearing. It will also hopefully improve drainage from the Garfield School neighborhood.

Estimated Cost:	\$1,037,900
Funding Schedule:	FY 10
Funding:	South End TIF

Brownfields Areawide Assessment

The Planning, Zoning and Building Safety Department proposes to conduct two area-wide assessments for potential or suspected brownfields in former industrial areas along U.S. 61-Business and other community locations. One assessment will look for petroleum contamination, while the second will check for hazardous material. A separate federal grant of \$200,000 is anticipated for each assessment. The potential health hazards of former industrial sites have been well documented. It is anticipated there might be several such sites along U.S. Business 61 in Muscatine because of previous industrial activity.

PROJECT DESCRIPTIONS

(cont.)

Identification of such sites will help the city in managing and eventually removing these sites to prevent continued environmental damage or health-related problems.

Estimated Cost:	\$200,000 (Petroleum) \$200,000 (Hazardous Substances)
Funding Schedule:	FY 09-11
Funding:	Federal Grants

Mississippi Drive Corridor Projects

This proposal includes the reconstruction of 1.6 miles of U.S. 61-Business (pavement & curb/gutter); street lighting, landscaping, gateway features; pedestrian crossings and sidewalk improvements; traffic signals and geometric improvements; and storm drainage improvements and roadway embankment work intended to improve flood protection. The work would focus on four distinct areas adjoining Muscatine's Central Business District. The improvement segments include the HNI Campus Area, Downtown Area, High Sidewalk (Bluff) Area and the Carver Corner Area. The objectives for the proposal include promoting pedestrian circulation through safety and roadway improvements; establishing aesthetics throughout the corridor that are consistent with Muscatine's riverfront improvements; and modernizing U.S. 61-Business through the reconfiguration and reconstruction of the sub-standard, deteriorated roadway. An environmental study and design development phase would need to be completed prior to any construction work starting.

Estimated Cost:	\$8,650,000
Funding Schedule:	FY 09-13
Funding	Federal funding – 80% (Congressionally-Directed) Local funding – 20%



Mississippi Drive Corridor



Carver Corner

Acquisitions – Carver Corner

The acquisition of various properties around the Hershey Avenue/Green Street intersection, commonly called the Carver Corner, is proposed by the Planning, Zoning and Building Safety Department. These acquisitions are a key component of future efforts to modernize the U.S. 61-Business transportation route and corridor. Several of the existing properties in this area contain aging industrial or commercial buildings that have not been maintained and continue to deteriorate, causing safety and aesthetic concerns. Acquisition of these properties by the city will promote a long-term transportation and beautification effort through the Mississippi Drive Corridor Project.

PROJECT DESCRIPTIONS
(cont.)

Estimated Cost: \$750,000

Funding Schedule: FY 11

Funding: \$600,000 (STP Funds)
\$150,000 (Local Government Revenue)

PUBLIC SAFETY

Fire

Fire Station Location Study

This proposal is for engaging the services of a consultant to conduct a feasibility study of existing and potential fire station locations. The current fire station #2, 1100 Oregon Street, is inadequate to meet the needs of the current fire and ambulance operations. A new station that can accommodate a physically larger fire truck and an ambulance is necessary to maximize the effectiveness and efficiency of the emergency services in that part of Muscatine. At the same time, given the commercial growth and the potential for annexation in the northeastern portion of town, the need for an additional fire station needs to be evaluated. The potential impact on future operating expenditures from additional facilities needs to be determined.

Estimated Cost: \$40,000

Funding Schedule: FY 10

Funding: Local Government Revenue

Station #2 Replacement

The existing fire station at 1100 Oregon Street is inadequate for the needs of the fire department and is proposed to be replaced by a new building. The current facility will hold only one vehicle, a 1992 fire truck, and is not big enough for any other fire truck in the department's fleet.



Fire Station #2
1100 Oregon Street

PROJECT DESCRIPTIONS

(cont.)

A growing number of ambulance calls necessitates a consideration of moving one or more additional vehicles to that station in order to spread out the workload and increase productivity and efficiency. The existing one-bay station cannot accommodate any additional vehicles. The 1992 truck that now fits in the station will need to be replaced within the next five years. It will be difficult to replace it with a modern pumper that will fit inside without compromising the functionality of the truck. The station's limitations have already started to negatively affect the department's ability to provide the most effective level of service to the community by limiting vehicle placement options. The fire department proposal is for a 4,000 sq. ft. building that will be capable of housing a fire truck, the hazardous material response truck and an ambulance. In order to maximize the utilization of staff, the department would put the additional vehicles at this location to increase operational efficiency. The demand for ambulance services made it necessary to purchase a fourth ambulance over two years ago. The continued demand will likely require a fifth unit to be purchased in two or three years. Unfortunately, there is no room left for another vehicle at the Public Safety Building. The new Station #2, besides providing for a higher level of operational efficiency, would allow for moving two vehicles from the Public Safety Building to that facility. It is necessary to address the inadequacy of the current fire station. It has started to affect operational options available to the fire department regarding staff and equipment assignments. When the department must replace the fire truck that is currently in that building, it may have to settle for a truck with a less-than-adequate configuration of equipment and capability to get one small enough to fit into the station. That would compromise fire fighting capabilities. The proposed Station Location Study and Station #2 Replacement project would need to be concurrent, since it is unlikely the existing Station #2 property is large enough for the proposed building. The Station Location Study would help identify the most appropriate site for a new station. No additional staff or equipment is being requested to accompany the station replacement project.

Estimated Cost:	\$860,000
Funding Schedule:	FY 10-11
Funding:	Bond Issue

Police

Mobile Data Computer Infrastructure Project

The cost of this project is estimated at \$181,000, to include the purchase, installation and training needed to place mobile data computers in eight police squad cars. Through a partnership with the Iowa Department of Transportation (IDOT), eight laptop computers, computer mounts and the required installation fees, worth an estimated \$65,000, were donated to the Muscatine Police Department. The laptops permit access to the Iowa TRaCS (Traffic and Criminal Software) System, which allows police officers in the field to create and submit traffic accident reports and traffic citations to the Iowa Department of Traffic Safety. The computers are mobile data compatible, although the additional equipment and cost were not provided by the IDOT. Through the use of 9-1-1 and Wireless Carry-Over funds from Emergency Management, the Muscatine Communications Center (MUSCOM) is scheduled to receive the necessary equipment to make MUSCOM mobile data compatible with the computers received from the IDOT. The cost of this project is estimated at about \$100,000. With the use of a wireless access card installed in each laptop, the computers can gain mobile data access without the need to use the existing radio system. Instead, cell phone towers are used, as provided by Verizon Wireless Communications. The estimated \$6000 annual cost of these wireless cards is submitted as a monthly, on-going fee, much like a normal cell phone bill. This annual cost will be funded through the General Fund, but will be offset by \$6000 of annual revenue paid to the city by Verizon Wireless Communications. The Verizon payment is for leasing back-up generator space at the Muscatine Public Safety Building for Verizon's cell phone antenna that was previously installed on the Muscatine Public Safety radio tower. Once these installations and purchases are completed, the department will require a software interface, which is estimated to cost around \$6,000, to allow access to the Muscatine Police Department's records management system. This will allow wireless access from the squad car laptop computers to the existing records management server located in the Public Safety Building. This equipment will permit officers to search prior arrests, calls for service and previously completed reports, as well as access jail booking photos and information.

PROJECT DESCRIPTIONS

(cont.)

This will also allow investigative reports to be completed in the squad car and downloaded wirelessly to the records management system or printed wirelessly inside the Public Safety Building. Plans call for the laptops to be installed in two remaining squads as future funding through the general fund becomes available.

Estimated Cost: \$181,000
Funding Schedule: FY 09-10
Funding: IDOT Donation
9-1-1 & Wireless Carry-Over Funds
Verizon Lease Payment
General Fund

PUBLIC WORKS

Equipment Purchases/Associated Projects

Jet-Vac Truck (Collection & Drainage)

The purchase of a jet-vac truck, which will be used in solid waste collection and drainage, was completed in FY 09, with delivery scheduled in January 2009.

Estimated Cost: \$225,000
Funding Schedule: FY 09
Funding: Collection & Drainage Fund Balance

Track Loader (Transfer Station)

The purchase of a track loader, which would compact trash before transporting to the landfill, is proposed. The track loader would be used at the transfer station's tipping floor. Plans and specifications for the loader have been completed.

Estimated Cost: \$203,000
Funding Schedule: FY 09
Funding: Transfer Station Enterprise Fund

Jet-Vac Truck Dump Site

To comply with federal regulations regarding collection and treatment of solid waste, a Jet-Vac Truck Dump Site is proposed for construction at the WPCP.

Estimated Cost: \$25,000
Funding Schedule: FY 10
Funding: Collection & Drainage
Road Use Tax

PROJECT DESCRIPTIONS

(cont.)

Miscellaneous

Geothermal HVAC System – Public Safety Building

The HVAC system (air handling unit, evaporator and condenser) in the public safety building (312 E. 5th Street) is proposed for replacement with a geothermal design. There is constant inefficiency and breakdowns with the existing system. Replacement with a geothermal system should mean a substantial amount of personnel time will be saved from not having to address these frequent problems. The current estimate is an annual operating savings of \$10,000 for supplies and \$10,000 for services. Preliminary planning is currently in progress.

Estimated Cost:	\$800,000
Funding Schedule:	FY 09
Funding:	Iowa Energy Fund General Obligation Bonds

Bridge Tribute Plaza & Kiosk

The city plans to assist Leadership Muscatine by managing the construction of a plaza that will provide a clear view of the high bridge abutment and the Norbert Becky Bridge in Riverside Park (E. Harbor Drive). Material selected for use will be comparable to materials used at Millennium Plaza and Mississippi Mist. The project is part of the National Scenic Byways and provides local historical interest in bridges across the Mississippi River from Muscatine to Illinois. Preliminary planning is in progress.

Estimated Cost:	\$98,000
Funding Schedule:	FY 09
Funding:	Scenic Byways Funds (STIP) Private Funding

Muscatine Slough Development

The Public Works Department's proposed development of the Muscatine Slough as a recreational area includes:

- Boat Launch Area
- Causeway Bridge Span Separation
- Perimeter Trail with Lighting
- Dredging
- Bank Stabilization and Debris Clearing
- Promenade/Fishing Dock/Interpretive Area
- Ice Fishing/Winter Activity Area

The slough is located between the Kent Stein Park and Soccer Complex recreational areas. It is also adjacent to Sunset Housing. With the appropriate development, it can become a community focal point for recreational and leisure activities. This is a new proposal and no activity has been done. It is estimated that annual operating expenditures to provide this additional recreational site would be \$5,000 for supplies and \$5,000 for services. The proposed Hershey Avenue Sewer Separation Project would likely be impacted by the slough development. This proposal will cover planning/engineering and land acquisition costs.

Estimated Cost:	\$3,000,000
Funding Schedule:	FY 09-12
Funding:	Insurance Compensation

PROJECT DESCRIPTIONS

(cont.)

Waterway Grants
Recreational Trails Grants

Sewers /Environmental Drainage/Landfill

Ten-Year Local Option Tax Sewer Projects

In 2008, City voters approved the continuation of the one-cent local option sales tax for a period of ten years. In previous referendums, since being initially approved in 1994, voters had approved the tax or its renewal for five-year periods. It is estimated that approximately \$2.3 million will be generated annually by the latest renewal, although the City typically budgets only \$2 million of that funding because of revenue fluctuations. The City will use 80% of the sales tax revenue for sanitary and storm water projects including the five projects listed below. These projects are needed for elimination of Combined Sewer Overflows, storm and sanitary separation, compliance with the U.S. Environmental Protection Agency consent order and rerouting of sanitary sewer. Work on these projects will affect or be affected by projects on roadways and other utilities in the project area. The remaining 20% of the Local Option Sales Tax revenue will finance the City's Pavement Management Program listed on Page 26. The total summary of the listed projects is:

Estimated Cost: \$35,250,000
Funding Schedule: FY 09-24
Funding: One-cent Local Option Sales Tax

Information on each individual project is listed below:

- Stormwater Separation Project (# TBD)

Estimated Cost: \$2,396,799.05 (Bid Price) + change orders
Funding Schedule: FY 09
Funding: One-cent Local Option Sales

- Hershey Avenue Separation (# TBD)

Estimated Cost: \$8,000,000
Funding Schedule: FY 09-13
Funding: One-cent Local Option Sales Tax

- West Hill Sewer Separation (# TBD)

Estimated Cost: \$20,000,000
Funding Schedule: FY 10-24
Funding: One-cent Local Option Sales Tax

- Heinz Reconstruction Project (# TBD)

Estimated Cost: \$3,000,000

PROJECT DESCRIPTIONS
(cont.)

Funding Schedule: FY 10-11

Funding: One-cent Local Option Sales Tax

- Relief Sanitary Sewer - ALLSTEEL, INC

Estimated Cost: \$250,000

Funding Schedule: FY 10-11

Funding: One-cent Local Option Sales Tax

Sewer Expansion: Lucas Street from Houser to US 61 Bypass

A new sanitary sewer line extension is proposed for installation. There is currently no sewer available in this area. This proposal will cover project planning/engineering.

Estimated Cost: \$ 3,000,000

Funding Schedule: FY 13

Funding: To Be Determined



Lucas Street
Proposed
Sewer Extension

Mad Creek Stormwater Management Project

The city proposes to control erosion and flood water along Mad Creek by completing various stormwater management projects to meet requirements of the Clean Water Act. In addition, recreational and economic development activities will also be completed as part of this project.

Estimated Cost: \$1,000,000

Funding Schedule: FY 12

Funding: Watershed Development Grant
319 Grant

PROJECT DESCRIPTIONS (cont.)

Mad Creek Levee Improvement Project

Under this proposal, the Mad Creek levee is recommended to be raised for flood protection. The area proposed for levee improvement extends from the Mississippi River to East Fifth Street.

Estimated Cost:	\$5,000,000
Funding Schedule:	FY 09–10
Funding:	Federal Funding Local Revenues

Heated Garage – Collection & Drainage

A 2800 sq. ft. post-frame storage building is proposed for construction on the lower lot at the Public Works site. The building will be used for indoor storage of equipment and materials. Detail plans and specifications have been completed.

Estimated Cost:	\$105,000
Funding Schedule:	FY 09
Funding:	Collection & Drainage Fund Balance



Heated Garage

Landfill Expansion Phase 3 & 4

Expansion of a new cell to increase the landfill's capacity is proposed. Detail plans and specifications have been completed, with construction proposed in FY 09 and FY 10. Landfill rates are projected to be \$55/ton.

Estimated Cost:	\$1,700,000
Funding Schedule:	FY 09-10
Funding:	Bonds

PROJECT DESCRIPTIONS (cont.)

Streets

Pavement Management Plan

The proposed pavement management plan is a multi-year, comprehensive asphalt overlay effort to raise the city's Average Pavement Condition Index (PCI) from 46 to 65. The condition of city streets has deteriorated and significant restoration is required. It is anticipated that \$500,000 will be needed annually to maintain the level of improvements. Any overlay work may impact sewer lines. Development of detail plans and specifications is in progress.

Estimated Cost:	\$5,000,000
Funding Schedule:	FY 09-12
Funding:	General Obligation Bonds

Colorado Street Reconstruction

Approximately .7 miles of Colorado Street, from Park Avenue to University Drive, is proposed for reconstruction. Colorado Street has become a major connector street. However, it is currently designed for rural standards. Other projects that will be affected by this work will include utility upgrades.

Estimated Cost:	\$1,750,000
Funding Schedule:	FY 09-10
Funding:	Surface Transportation Improvement Program (STIP) Funds Local Match - Bonds



Colorado Street

PROJECT DESCRIPTIONS (cont.)

Cedar Street Reconstruction

Work proposed for Cedar Street includes an asphalt overlay from Mississippi Drive to Parham. Reconstruction and lane additions are proposed for the street from Parham to the US 61 Bypass. Cedar Street is an arterial roadway that requires lane configuration at certain intersections to improve traffic flow. A trail project will also be affected by this work.

Estimated Cost: \$2,000,000

Funding Schedule: FY 09-10

Funding: STIP Funds
Bonds

Hershey Avenue Reconstruction

The proposed reconstruction of Hershey Avenue from Clinton to Houser Street includes widening lanes and resurfacing the existing street. Hershey Avenue is a narrow arterial street without adequate sidewalks. It is one of the main roads to a sports complex and is experiencing a significant increase in traffic volume. A trail project will be affected by this work.

Estimated Cost: \$1,000,000

Funding Schedule: FY 10-11

Funding: STIP Funds
Local Match



Hershey Street
Reconstruction



Lucas Street
Reconstruction

Lucas Street Reconstruction & Storm Sewer Improvement Project

Lucas Street is proposed to be reconstructed by widening and rebuilding shoulders and realigning with the US 61 Bypass. Lucas Street is a narrow arterial street with deep ditches on the south side. The roadway has taken on additional traffic volume because of the new Ag Learning Center. A storm sewer project will be affected by the street work.

Estimated Cost: \$750,000

Funding Schedule: FY 11

PROJECT DESCRIPTIONS

(cont.)

Funding: STIP Funds

CBD Streetscape

A variety of work is included in this proposed streetscape project in the Central Business District (CBD). The proposed work will include installation of period lights, sidewalk ramps, curbs, sidewalk repairs and alleys in the CBD.

Estimated Cost: \$225,000

Funding Schedule: FY 09-11

Funding: Road Use Tax Funds

Musser Street Roadway Improvements

The railroad crossing on Musser Street (Grandview-Baker/Wisconsin) is proposed for improvement by building a 24-foot-wide street with a four-foot sidewalk. The vertical alignment will also be raised by approximately five feet. This railroad crossing is very dangerous with a blind visual field due to the undesirable 9% approach grade. Preliminary planning has been completed.

Estimated Cost: \$750,000

Funding Schedule: FY 13

Funding: Iowa DOT Railroad Funds (Safety)
Railroad
City Bonds

Dick Drake Way RR Crossing: MP&W Gate #2

The railroad crossing on Dick Drake Way (fka Industrial Connector) at the MP&W Gate #2 is proposed for re-building. Work will include replacing the track crossing material. Currently, a severe depression exists at the railroad track crossing. This is hazardous and hard on vehicular traffic. Preliminary planning has been completed.



Railroad Crossing on
Dick Drake Way at
MP&W Gate #2

PROJECT DESCRIPTIONS
(cont.)

Estimated Cost: \$200,000
Funding Schedule: FY 12
Funding: Road Use Tax Funds

W. Third Street Retaining Wall – Chestnut Parking Lot

The Public Works Department proposes to rebuild the retaining wall in the Chestnut Street Parking Lots – Upper and Lower. There is currently severe deterioration of the existing walls. It is estimated this project will decrease operating costs by \$5000 because fewer supplies will be purchased.

Estimated Cost: \$590,000
Funding Schedule: FY 09–10
Funding: Parking Revenue
General Obligation Bonds
Streetscape



Third Street Parking Lot
Retaining Wall

RECREATION AND CULTURAL OPPORTUNITIES

Art Center

Property Acquisition

The Muscatine Art Center proposes to acquire the property immediately adjacent to the center's west property line at 1402 Mulberry Avenue and use the property for possible future expansion of the art center facility. Other projects to be affected will be recreational.

PROJECT DESCRIPTIONS

(cont.)

Estimated Cost: \$175,000
Funding Schedule: FY 09
Funding: E. Bradford Burns Trust



Muscatine Art Center



Musser Public Library

Library

Library Refurbishing

This proposal by the Musser Public Library will replace worn and dated furniture in the library, completely redesign the children's department and add a young adult lounge area and some small study rooms. Libraries have changed tremendously and this refurbishing will allow the library to better serve today's users by better utilizing the space available. Most of the tables, chairs and lounge seating are over 30 years old and are no longer comfortable or welcoming to patrons. The children's department will better accommodate families with strollers. The adult-sized shelving will be replaced with child-sized shelving so that children will be able to browse the collection without the help of an adult. The project should be finished by the end of 2009.

Estimated Cost: \$225,000
Funding Schedule: FY 09
Funding: Private Funds

Parks and Recreation

Shelter Replacement

The shelters in Weed Park are constructed of wood with asphalt shingles. Replacement is needed for safety and to match the appearance of the more modern Aquatic Center and Monsanto Shelter.

Estimated Cost: \$100,000

PROJECT DESCRIPTIONS
(cont.)



Weed Park Shelter

Funding Schedule: FY 09-13

Funding: To Be Determined

Dredge Pipe Extension

The proposal is to install an underground, permanent extension from an existing dredge force main under Mad Creek to the Hawkeye Lumber site. The staff currently places a temporary pipe across Mad Creek. This involves staff safety over the water. A staff member has fallen into the water and a backhoe was almost rolled over the levee during installation and removal. This extension should have been part of the original project. An application for watershed development has been submitted and state and federal permits approved.

Estimated Cost: \$68,000

Funding Schedule: FY 10

Funding: To Be Determined

Kent-Stein Fence Replacement

Damage to the fences throughout Kent-Stein Park will be repaired. These repairs will improve safety for both players and fans.

Estimated Cost: \$67,000

Funding Schedule: FY 10

Funding: To Be Determined

Cemetery Roadway Resurfacing

This is a proposal to upgrade Greenwood Cemetery roadways over a four-year period. Existing deteriorated hard surfaces will receive an asphalt overlay. Current rocked surfaces will be replaced by hard surfacing as identified

PROJECT DESCRIPTIONS
(cont.)

in the Greenwood Cemetery master plan. This will reduce dust and maintenance associated with grading and filling potholes.

Estimated Cost: \$327,000
Funding Schedule: FY 10
Funding: To Be Determined

Tennis Court Replacement

Two (2) court systems at Weed Park are proposed for replacement because the surfaces do not meet tennis standards.

Estimated Cost: \$300,000
Funding Schedule: FY 10
Funding: To Be Determined



Weed Park Tennis Court



Mark Twain Overlook

Mark Twain Overlook Renovation

Several activities are proposed as part of this renovation project, including: demolition of the old restroom (Activity 1); redesign of the sidewalk wall (Activity 2); reseeding of the hillside (Activity 3); and incorporation of a trail to the top of the hill (Activity 4). Activities 1, 2 and 3 have been completed and Activity 4 will begin after funding becomes available.

Estimated Cost: \$550,000
Funding Schedule: FY 12
Funding: To Be Determined

PROJECT DESCRIPTIONS
(cont.)

Maintenance Facility

The maintenance facility located at Weed Park is proposed for replacement. A new maintenance facility is needed with modern locker areas with showers for personnel who work with chemicals. The current facility does not have a break room where staff can eat lunch. New office space is needed to separate the supervisor from the groundskeeper for privacy and separation of records. This project will include an exchange of property with the State of Iowa, affecting property on Park Avenue and the airport.



Weed Park
Maintenance Shop

Estimated Cost: \$400,000
Funding Schedule: FY 12
Funding: To Be Determined

Weed Park Restrooms

The Rose Garden restroom facility in Weed Park needs to be replaced. The current building has interior accessibility problems as well as egress and ingress issues. There is also no sidewalk from the playground to the restroom.

Estimated Cost: \$125,000
Funding Schedule: FY 11
Funding: To Be Determined

Soccer Phase III

The Muscatine Soccer Club and Muscatine High School have requested a soccer practice facility be developed. This proposal has been accepted by the Recreation Advisory Commission. The facility would include large green spaces for practice, additional parking lot and a shower/locker room facility. The additional parking would be used to accommodate needed parking space during busy weekends and large tournaments. Throughout the years, a shower/locker facility has been requested by several traveling teams. It is anticipated there would be an additional \$20,000 impact on annual operating expenditures for personnel costs and supplies if this facility was completed.

Estimated Cost: \$945,000
Funding Schedule: FY 11

PROJECT DESCRIPTIONS
(cont.)



Muscatine
Soccer Complex

Funding: To Be Determined

Kent Stein Park Parking Lot Surfacing

A hard surfaced parking lot is proposed to be located west of diamond #5 at Kent-Stein Park. The addition of this parking lot will provide additional parking and enhance safety.

Estimated Cost: \$45,000
Funding Schedule: FY 09
Funding: To Be Determined

Street Light Replacement – Phase I & II

The light poles and wiring in Weed Park are proposed to be upgraded through two phased projects beginning at the upper loop of the park. The scope would be to replace all light poles and install conduit and wire to all poles. Weed Park is the city's premier park. With the addition of a new aquatic center and two new playgrounds and plans for tennis court renovations, it is time to upgrade the street lighting. The current lights are a mixture of precast cement and fiberglass poles. Matching the downtown and riverfront lighting would enhance the beauty of the park and city.

Estimated Cost: \$150,000
Funding Schedule: FY 10
Funding: To Be Determined

Fuller Park Parking Lot Expansion

Because of increased usage of park facilities from the playground, new disc golf course and shelter rentals, the parking at Fuller Park is inadequate and needs to be expanded.

Estimated Cost: \$30,000
Funding Schedule: FY 11

PROJECT DESCRIPTIONS
(cont.)

Funding: To Be Determined

Golf Course Fairway Irrigation Renovation

The current hydraulic irrigation system at the municipal golf course is proposed to be replaced with an electric irrigation system. The current hydraulic hoses are breaking and the replacement will keep the fairways properly irrigated. Although other projects will not be affected by this work, golf play will be limited during the project.

Estimated Cost: \$250,000

Funding Schedule: FY 13

Funding: To Be Determined



Muscatine Municipal
Golf Course

Cemetery Erosion Control Project

Erosion at Greenwood Cemetery is encroaching on mausoleums and graves and needs to be addressed.

Estimated Cost: \$1,000,000

Funding Schedule: FY 13

Funding: To Be Determined

Cemetery Barrier Fence Project

Barrier fencing is proposed to be erected at Greenwood Cemetery along Lucas Street from the west entrance to the east property line. This has been identified by the staff in the cemetery's master plan.

Estimated Cost: \$100,000

Funding Schedule: FY 12

Funding: To Be Determined

PROJECT DESCRIPTIONS

(cont.)

Boat Harbor Houseboat Dock Replacement

The aged, homemade houseboat dock system is proposed to be replaced with modern facilities comparable to the transient system. The transient system was installed as part of the Pearl of the Mississippi project and houseboat dock users have requested their slips also be upgraded to modernize the harbor.

Estimated Cost: \$76,000
Funding Schedule: FY 11
Funding: To Be Determined



Muscatine Harbor
Houseboat Docks

Boat Harbor Long Dock Replacement

The aged, homemade long dock system is proposed to be replaced with modern facilities comparable to the transient system. The transient system was installed as part of the Pearl of the Mississippi project and the boating public, which uses the long docks, has requested those docks also be upgraded with units comparable to the transient slips.

Estimated Cost: \$140,000
Funding Schedule: FY 13
Funding: To Be Determined

Lagoon Trail

The installation of a walking trail around the Weed Park Lagoon is proposed. This trail would be used by walkers who currently use the trail from the riverfront, as well as kids fishing around the lagoon. It would be a nice extension that would tie-in with future trails expansion north of the park.

Estimated Cost: \$100,000
Funding Schedule: FY 11
Funding: To Be Determined

PROJECT DESCRIPTIONS
(cont.)

Lagoon Bank Stabilization

Erosion material is proposed to be placed along the lagoon banks for stabilization. The banks continue to fall into the water as wind-driven waves continue to erode the bank slopes.

Estimated Cost: \$290,000
Funding Schedule: FY 11
Funding: To Be Determined

Soccer Practice Field East of Kent Stein

A soccer practice area is proposed for construction east of Diamond #15 in Kent-Stein Park. The proposal would provide a safe, high quality practice area for local groups. The development is expected to add approximately \$2,000 in annual cost increases for supplies.

Estimated Cost: \$100,000
Funding Schedule: FY 13
Funding: To Be Determined

Soccer Maintenance Shop Addition

An addition to the maintenance building at the soccer complex is proposed. The addition would provide more storage room for equipment and supplies. The annual cost increase for this proposal is estimated to be \$50 for supplies.

Estimated Cost: \$28,000
Funding Schedule: FY 13
Funding: To Be Determined

Fuller Park Erosion Control Project

Erosion at Fuller Park would be addressed through this proposal, which would control the erosion and stabilize stream banks that run through the park.

Estimated Cost: \$300,000
Funding Schedule: FY 13
Funding: To Be Determined

Volleyball Parking Lot

Hard surfacing of the road and construction of a parking lot at the Monsanto Shelter and volleyball/playground area at Weed Park is proposed. Parking is currently being done on the grass areas. This proposal would also include a small parking area near the storm water catch basin from MCC. An estimated annual reduction of \$500 in road rock supply costs is estimated from this project.

Estimated Cost: \$50,000

PROJECT DESCRIPTIONS

(cont.)

Funding Schedule: FY 13

Funding: To Be Determined

Greenbelt Trail Resurfacing

Resurfacing of the Greenbelt Trail with asphalt is proposed. The asphalt along the north end of the trail has crumbled and broken because of traffic driving on it. Creek bank erosion also needs to be repaired.

Estimated Cost: \$100,000

Funding Schedule: FY 13

Funding: To Be Determined

Weed Park Zoo Garden

The old Weed Park Zoo site would be restored with planting beds with animal themes, trails and retaining walls repaired and water service extended to the beds under this proposal. The site is currently overgrown and has been underutilized at the park since the zoo facilities were removed.

Estimated Cost: \$94,288

Funding Schedule: FY 09-10

Funding: Grants
Outside Fundraising

Trails (Public Works)

Weed Park to Wild Cat Den

An approximately 9.5-mile American Discovery Trail/Mississippi River Trail Link proposed by the Public Works Department would connect destination points of Weed Park in the City of Muscatine to Wildcat Den State Park in Muscatine County and provide recreational activities. The planned Colorado Street Reconstruction could affect this project.

Estimated Cost: \$778,500

Funding Schedule: FY 09-10

Funding: STIP
Private Donations
In-House Engineering
Collections & Drainage

Musser Park to Kent Stein

The Public Works Department proposes to build a trail from the end of the Levee Trail at Musser Park to Grandview Avenue and connect to the on-street trail from Grandview Avenue to Kent-Stein Park. This trail would provide a safe route for pedestrians and cyclists who wish to use the facilities available at Musser Park and Kent-Stein Park. The 2009 Asphalt Overlay Project on Earl Avenue could affect or be affected by this trail proposal.

Estimated Cost: \$50,000

PROJECT DESCRIPTIONS
(cont.)

Funding Schedule: FY 12
Funding: Iowa Natural Heritage Funds

Kent Stein to Wiggins Road

A section of Mississippi River Trail running from Kent-Stein Park to Wiggins Road is proposed for construction by the Public Works Department. This section would connect the City of Muscatine to Fruitland and onto the Muscatine/Louisa County line. The Mississippi River Trail will provide recreational activity for City of Muscatine, County of Muscatine and City of Fruitland residents. The Kent-Stein/Wiggins Road trail section would extend the Mississippi River Trail through Muscatine County from Wildcat Den State Park to the Muscatine/Louisa County line.

Estimated Cost: \$1,425,000
Funding Schedule: FY 10-11
Funding: STIP Funds
State/Federal Recreational Trail Funds

Hershey/Bypass Trail

One mile of bike trail has been constructed as part of the Bypass/Hershey Avenue Reconstruction Project. The Public Works Department identified this section as a link for the American Discovery Trail.

Estimated Cost: \$110,500
Funding Schedule: FY 09
Funding: Iowa Natural Heritage Foundation
County of Muscatine
City of Muscatine (RUT)



Hershey Avenue Trail

PROJECT DESCRIPTIONS

(cont.)

Mad Creek Trail

This project, as proposed by the Public Works Department, would reconstruct the existing Mad Creek Trail from Park Avenue West to Lake Park Blvd. In addition, a new section of trail would be constructed from Lake Park Blvd to the Mississippi River. This trail would open up recreational and leisure activities along Mad Creek and provide a safe way to cross the US 61 Bypass. The Mad Creek Watershed Project could affect or be affected by this proposal.

Estimated Cost:	\$1,000,000
Funding Schedule:	FY 13
Funding:	State and Federal Trail/Recreational Grant Funds

Riverfront Trail – Chestnut to Cedar

The installation of a 12-foot-wide hot-mix asphalt (HMA) trail is proposed by the Public Works Department from Chestnut Street to Cedar Street. A barrier fence and period lighting is also proposed. This section would complete a trail link connecting the Levee Trail with the Weed Park Trail. This project was completed in FY 2009.

Estimated Cost:	\$416,900
Funding Schedule:	FY 09
Funding:	Enhancement Funds One-Cent Local Option Sales Tax Revenue Streetscape Funds

Kent Stein – Bypass Trail

This trail link, which is proposed by the Public Works Department, would connect the Bypass Trail to the Kent Stein Park Trail that is part of the American Discovery Trail. The exact route of the link still needs to be determined. Once completed, the Kent Stein – Bypass Trail link will complete a trail network that is at the crossroads of the American Discovery Trail and Mississippi River Trail. The proposed project may affect or be affected by the planned Hershey Avenue Reconstruction Project.

Estimated Cost:	\$75,000
Funding Schedule:	FY 11
Funding:	Iowa Natural Heritage Foundation STIP

TRANSPORTATION

Airport

Snow Removal Equipment

The airport currently owns one piece of snow removal equipment, a 1991 Ford L8000 diesel truck with a 12' Coates plow. This existing, worn-out street department equipment is not ideal for airport snow removal. Federal Aviation Administration (FAA) Circular 150/5220-20 indicates the Muscatine Airport is eligible for one snow blower supported by two displacement plows of equal capacity, along with one sweeper and one hopper spreader.

PROJECT DESCRIPTIONS

(cont.)

The Federal Airport Improvement Program (AIP) funding brochure lists snow removal equipment as an eligible AIP project. Acquisition of additional snow removal equipment will allow a prompt, reliable, efficient and quality snow removal program, which is essential at airports, to be implemented at the Muscatine facility.

Estimated Cost: \$127,317
Funding Schedule: FY 09
Funding: Federal Grants
Local Government Revenue

Snow Removal Equipment Building/Municipal Hangar

A dual-purpose building for both snow removal equipment storage/maintenance and aircraft storage/maintenance is proposed. AC 150/5200 – 30A indicates that wherever possible, snow and ice control equipment should be housed in heated garages during the winter to prolong the life of the equipment and to enable rapid response to operational needs. It also indicates that on-site repair facilities should be available for the snow removal equipment. The existing municipal hangar is in need of replacement and is not laid out for snow removal equipment storage and maintenance. It also does not have enough room for these items or aircraft maintenance.

Estimated Cost: \$639,000
Funding Schedule: FY 10
Funding: Federal and State Grants
Local Governmental Revenue

T-Hangar Construction & Apron Expansion

The existing T-hangars are 30-40 years old and in need of preventative maintenance. The current demand for T-



hangars is also greater than the supply and the city has a waiting list. This proposal calls for demolition and replacement of existing T-hangars and apron expansion.

Muscatine Municipal
Airport T-Hangars

Estimated Cost: \$1,390,009

PROJECT DESCRIPTIONS

(cont.)

Funding Schedule: FY 13
Funding: Federal and State Grants
 Local Governmental Revenue

Pavement Maintenance – Crosswind Runway & Connecting Taxiways

The crosswind runway pavement and connecting taxiway pavement will be 12 years old and will be in need of some more extensive pavement maintenance. It is estimated that approximately 15% of the joints will need cleaning and sealing and that five panels will require full depth patching. For any project to replace or reconstruct pavement, the city must provide assurance to the FAA that it has implemented an effective pavement maintenance management program. This requirement applies to any pavement at the airport that has been constructed, reconstructed or repaired with federal assistance. This requirement is spelled out in Public Law 103-305, Section 107, amended Title 49, Section 47105 of the United States Code.

Estimated Cost: \$138,125
Funding Schedule: FY 11
Funding: Federal Grant
 Local Governmental Revenue

RESOLUTION NO. _____

RESOLUTION RELATING TO FINANCING OF CERTAIN PROPOSED PROJECTS TO BE UNDERTAKEN BY THE CITY OF MUSCATINE, IOWA; ESTABLISHING COMPLIANCE WITH REIMBURSEMENT BOND REGULATIONS UNDER THE INTERNAL REVENUE CODE.

BE IT RESOLVED by the City Council (the "Council") of the City of Muscatine, Iowa (the "City"), as follows:

1. Recitals

- (a) The Internal Revenue Service has issued Section 1:150-2 of the Income Tax Regulations (the "Regulations") dealing with the issuance of bonds, all or a portion of the proceeds of which are to be used to reimburse the City for project expenditures made by the City prior to the date of issuance.
- (b) The Regulations generally require the City make a prior declaration of its official intent to reimburse itself for such prior expenditures out of the proceeds of a subsequently issued borrowing and the borrowing occur and the reimbursement allocation be made from the proceeds of such borrowing within a certain period after the payment of the expenditure or the date the project is placed in service; and
- (c) The City desires to comply with requirements of the Regulations with respect to certain projects hereinafter identified.

2. Official Intent Declaration

- (a) The City proposes to undertake the projects (the "Projects") described on Exhibit A attached herein.
- (b) Other than (i) expenditures to be paid or reimbursed from sources other than the Bonds (as hereinafter defined) or (ii) expenditures made not earlier than sixty days prior to the date of this Resolution or (iii) expenditures constituting preliminary expenditures as defined in Section 1:150-2 (f)(2) of the Regulations, no expenditures for the Projects have heretofore been made by the City and no expenditures will be made by the City until after the date of this resolution.
- (c) The City reasonably expects to reimburse the expenditures made for costs of the Projects out of the proceeds of its bonds, notes or other obligations (the "Bonds") to be issued after the date of payment of all or a portion of the costs. It is estimated the total amount of Bonds to be issued for the Projects will not exceed \$ _____.
- (d) This declaration is a declaration of official intent adopted pursuant to Section 1:150-2 of the Regulations.

3. Budgetary Matters

As of the date hereof, there are no City funds reserved, allocated on a long-term basis or otherwise set aside (or reasonably expected to be reserved, allocated on a long-term basis or otherwise set aside) to provide permanent financing for the expenditures related to the Projects, other than pursuant to the issuance of the Bonds. This resolution, therefore, is determined to be consistent with the City's budgetary and financial circumstances as they exist or are reasonably foreseeable on the date hereof, all within the meaning and content of the Regulations.

4. Reimbursement Allocations

The City's financial officer shall be responsible for making the "reimbursement allocations" described in the Regulations, being generally the transfer of the appropriate amount of proceeds of the Bonds to reimburse the source of temporary financing used by the City to make payment of the prior costs of the Projects. Each allocation shall be evidenced by an entry on the official books and records of the City maintained for the Bonds, shall specifically identify the actual prior expenditures being reimbursed or, in the case of reimbursement of a fund or account, the fund or account from which the expenditure was paid, and shall be effective to relieve the proceeds of the Bonds from any restriction under the bond resolution or other relevant legal documents for the Bonds, and under any applicable state statute, which would apply to the unspent proceeds of the Bonds.

Adopted this _____ day of _____ 20__

Mayor

Attest:

City Clerk