

**US Army Corps of Engineers**



# 2005 Annual Program Management Report

Des Moines  
Recreational River & Greenbelt



**Des Moines River, Iowa**  
January 2005



**DEPARTMENT OF THE ARMY**  
ROCK ISLAND DISTRICT, CORPS OF ENGINEERS  
CLOCK TOWER BUILDING - P.O. BOX 2004  
ROCK ISLAND, ILLINOIS 61204-2004

REPLY TO  
ATTENTION OF

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**2005 ANNUAL PROGRAM MANAGEMENT REPORT**  
**DES MOINES RECREATIONAL RIVER AND GREENBELT**  
**DES MOINES RIVER, IOWA**

**JANUARY 27, 2005**

**COVER PHOTO/DESCRIPTION:**

The top left and bottom right pictures are of the scenic Multi-Purpose Trail located at Lake Red Rock. The bottom left picture is a picture of the newly constructed 4B trail bridge, and the top right picture is an evening view of the Simon Estes Amphitheater, also known as the Downtown Riverfront Plaza & Amphitheater, located in Des Moines.



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

## **EXECUTIVE SUMMARY**

### **2005 PROGRAM STATUS**

- Annual Program Management Report. The 2004 APMR was approved in February 2004.
- Fort Dodge Riverfront, and Trails. The Corps of Engineers has prepared a Project Management Plan and signed a Design Agreement with the City of Fort Dodge. An Engineering Documentation Report for the project will commence in January 2005.
- Des Moines Riverwalk. The Corps of Engineers has completed a Design Agreement and Project Management Plan with the City of Des Moines. Development of an Engineering Documentation Report for the project is currently underway.
- Des Moines Amphitheater. The Corps of Engineers has completed the plans and specifications for modifications to the Simon Estes Amphitheater required under the Americans with Disabilities Act, and construction completion is scheduled prior to December 2005.
- Cordova Center on the Rock. The Corps of Engineers will continue work on the Engineering Documentation Report in 2005. A contract that will span the life of the project is scheduled to be awarded to an Architect/Engineering firm in April 2005. Initial phases of the contract entail completing an Interpretive Master Plan and Component-Specific Interpretive Plans in FY 2005.
- Red Rock Multi-Purpose Trail Segment 4B. A contract was awarded in the summer of 2004 for construction of a 280-foot long trail bridge that was completed in the fall of 2004. Tree clearing and grubbing for the first 2 miles of trail corridor will be completed early in 2005. Plans and specifications for trail construction are substantially complete and await adequate funding to proceed. A construction contract for another portion of the Segment 4B trail is scheduled for award in FY 2005 depending on availability of funds.

### **2005 ANNUAL PROGRAM MANAGEMENT REPORT RECOMMENDATION**

The Advisory Committee recommends implementing the Greenbelt project and distributing available funding as described herein.

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**ACRONYMS**

- ADA - Americans with Disabilities Act
- APMR - Annual Program Management Report
- DOJ - Department of Justice
- EDR - Engineering Documentation Report
- FDM - Feature Design Memorandums
- GDM - General Design Memorandum
- LOA - Letters of Assurance
- PCA - Project Cooperation Agreement

## SECTION I - INTRODUCTION

### A. AUTHORIZATION

The Des Moines Recreational River and Greenbelt was authorized on August 15, 1985, by Public Law 99-88, the 1985 Supplemental Appropriations Act. Additional Greenbelt legislation is contained in Section 102 of Public Law 99-500, Fiscal Year 1987 Continuing Resolution Act, and Section 604 of Public Law 99-662, the Water Resources Development Act of 1986.

Greenbelt legislation also is contained in 101 Stat. 1329-109, Energy and Water Development Appropriations Act, 1988, Public Law 100-202, dated December 23, 1989, as shown below:

“The Secretary of the Army, acting through the Chief of Engineers, is directed to continue with planning, design, engineering and construction of the Des Moines Recreational River and Greenbelt project in accordance with the General Design Memorandum dated September 1987 and Public Law 99-591 using funds heretofore, herein, or hereafter appropriated.”

Significant Greenbelt legislation is contained in Section 122 of the FY 2003 Omnibus Appropriations Act, Public Law 108-7. This legislation stated:

“The non-Federal sponsor shall receive credit in an amount not to exceed \$10,000,000 toward their share of the cost of Des Moines Recreational River and Greenbelt, Iowa, projects for work performed by the sponsor, or others on behalf of the sponsor, including planning, design, and construction performed after October 1, 2002, provided the Secretary of the Army, acting through the Chief of Engineers, determines that such work is completed in accordance with U.S. Army Corps of Engineers standards and procedures and is integral to the Des Moines Recreational River and Greenbelt project.”

The most recent Greenbelt legislation is the 2005 Energy and Water Development Appropriations Act, Public Law 108-137, which has resulted in a funding allocation of \$3,109,000. A summary of the funding history is shown in Appendix C, Table3.

### B. GENERAL DESIGN MEMORANDUM (GDM)

In accordance with Public Law 99-88, the overall objective of the project will be to provide central Iowa and the Des Moines metropolitan area with environmental protection of scarce river bottom timberlands and to greatly enhance opportunities for recreation. The primary objectives of the Greenbelt were outlined by the Assistant Secretary of the Army (Civil Works) in a letter to Congressman Neal Smith, of Iowa, dated October 4, 1985. In accordance with the letter, the Corps of Engineers (the Corps) proceeded to execute the following instructions:

“The General Design Memorandum (GDM) provides both a comprehensive plan and a plan for initial development, should it be determined that the total cost of the comprehensive plan exceeds resource availability for the near term. A division of responsibility between Federal and non-Federal interests, together with priorities for implementation as you envisioned during our September 25th meeting, also will be developed. In general, it is the Corps’ intention during preparation of the General Design Memorandum to address issues as the following:

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- Identification of boundaries for, and features of the Recreation and Greenbelt area;
- Evaluation of benefits (outputs) and costs;
- Responsibility for operation, maintenance, and replacement;
- Concerns of State and local officials to be considered in developing the plan to be implemented; and
- Assurances of local cooperation from local sponsors.”

The GDM dated September 1987 was approved on August 1, 1988.

### **C. APMR PURPOSE**

In accordance with the recommendations contained in the GDM for the Des Moines Recreational River and Greenbelt, the Corps of Engineers, with consultation of the Advisory Committee, will prepare Annual Program Management Reports (APMRs). The purpose of the reports will be to update the Greenbelt GDM and to recommend projects for the preparation of Engineering Documentation Reports (EDRs) (formerly known as Feature Design Memorandums or FDMs). The APMR also acts as a program management plan and includes local recommendations for initiating new projects. The GDM, as amended by the APMRs, serves as the master plan for the overall Greenbelt program. The Greenbelt master plan includes a Master List of Projects (Appendix A), which includes the following four categories of projects: (1) completed, (2) cost-shared, (3) 100% Federal, and (4) 100% non-Federal, as described in the GDM and as updated in the APMRs. The Corps of Engineers will approve the preparation of EDRs for the cost-shared projects only after the local sponsors have submitted Letters of Assurance (LOAs).

### **D. PROJECT LOCATION**

The Des Moines Recreational River and Greenbelt is located along the Des Moines, Boone, and Raccoon Rivers in central Iowa. The Greenbelt boundary includes portions of Boone, Dallas, Jasper, Hamilton, Mahaska, Marion, Polk, Warren, and Webster Counties, the City of Des Moines, and numerous other communities. The project encompasses federal, state, county, and local park areas, including two major Corps of Engineers reservoirs at Saylorville Lake and Lake Red Rock, and private lands. The Greenbelt boundary is shown in figure 1, page 3.

### **E. LEGAL BOUNDARY DESCRIPTION**

The Greenbelt boundary is defined in Committee Print 101-47 of the Committee on Public Works and Transportation of the House of Representatives, dated July 1990, as referenced in Public Law 101-640, dated November 28, 1990. Committee Print 101-47 references the map on file with the Rock Island District Engineer, which also describes the Greenbelt boundary. The boundary encompasses an area of about 410,000 acres.

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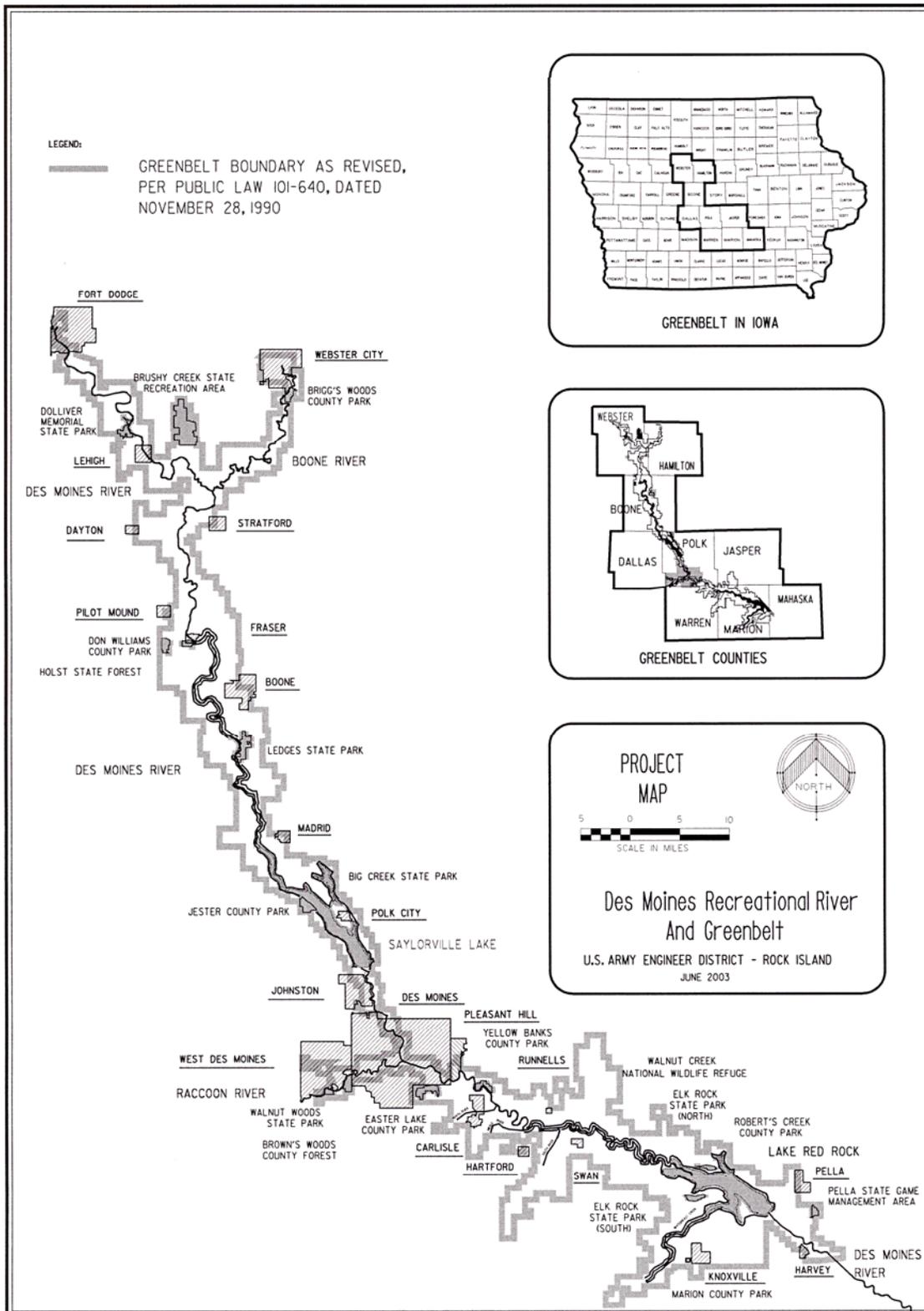


Figure 1: Des Moines Recreational River and Greenbelt

## **F. GREENBELT PURPOSES**

The Greenbelt has five authorized purposes, as listed in Public Law 99-88:

1. The construction, operation, and maintenance of recreational facilities;
2. The construction, operation, and maintenance of streambank stabilization structures;
3. The operation and maintenance of all structures constructed before the date of authorization of this project (other than any such structure operated and maintained by any person under a permit or agreement with the Secretary) within the area described in the Des Moines Recreational River and Greenbelt Map and on file with the Committee on Public Works and Transportation of the House of Representatives;
4. Such tree plantings, trails, vegetation, and wildlife protection and development and other activities as will enhance the natural environment for recreational purposes; and
5. The prohibition or limitation by the Secretary of the Army of the killing, wounding, or capturing at any time of any wild bird or animal in such areas as may be directed by the Secretary.

## **G. MASTER PLANNING PROCESS**

The Corps of Engineers, consistent with budgetary constraints, will manage a continuing program for the overall administration of the Greenbelt project. This will include additional planning, engineering, design, and construction of projects within the Greenbelt in consideration of recommendations of the Advisory Committee, as reflected in the APMRs. Included will be periodic updates of the master lists of completed; potentially cost-shared; 100% Federal; and 100% non-Federal projects, and the preparation of EDRs. Cost-shared projects will require the execution of a Design Agreement with the non-Federal sponsor prior to initiation of the EDR. Decisions to proceed with implementation of specific projects will be made through the development of EDRs, approved by the Assistant Secretary of the Army - Civil Works (ASA-CW). If the EDR finds a project is justified and is subsequently approved by the ASA-CW, the project will proceed to construction following the execution of a Project Cooperation Agreement (PCA) with the local sponsor.

## **H. ADVISORY COMMITTEE**

The Advisory Committee is organized in accordance with Public Law 99-88 and as further discussed in the Joint Explanatory Statement of the Committee of Conference for Public Law 99-662, and as updated in Committee Print 101-47 of the Committee on Public Works and Transportation. The composition of the Advisory Committee is listed in Table 1. The purpose of the Advisory Committee is to formulate recommendations for the development and prioritization of federally cost-shared, 100% Federal, and non-Federal projects within the Greenbelt.

## **I. LETTER OF ASSURANCE**

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To proceed with subsequent studies of cost-shared projects, a Letter of Assurance (LOA) is required from each qualified local sponsor, expressing the sponsor’s willingness to participate under current cost-sharing provisions and assuring the sponsor’s understanding of those provisions. A listing of LOAs submitted for the overall Greenbelt program is presented at Appendix C in Table 1. A listing of project-specific LOAs submitted in the GDM (1987) is presented at Appendix C in Table 2. A listing of project-specific LOAs submitted in APMRs (since 1987) is presented at Appendix C in Table 3.

**Table 1: Composition of the Advisory Committee**

<b># of Authorized Representatives</b>	<b>Source of Appointment</b>
5	Governor of Iowa
2	Boone County Board of Supervisors
2	Dallas County Board of Supervisors
2	Hamilton County Board of Supervisors
2	Jasper County Board of Supervisors
2	Mahaska County Board of Supervisors
2	Marion County Board of Supervisors
2	Polk County Board of Supervisors
2	Warren County Board of Supervisors
2	Webster County Board of Supervisors
1	Mayor of the City of Boone
1	Mayor of the City of Carlisle
1	Mayor of the City of Dayton
1	Mayor of the City of Des Moines
1	Mayor of the City of Fort Dodge
1	Mayor of the City of Fraser
1	Mayor of the City of Hartford
1	Mayor of the City of Harvey
1	Mayor of the City of Johnston
1	Mayor of the City of Knoxville
1	Mayor of the City of Lehigh
1	Mayor of the City of Madrid
1	Mayor of the City of Pella
1	Mayor of the City of Pilot Mound
1	Mayor of the City of Pleasant Hill
1	Mayor of the City of Polk City
1	Mayor of the City of Runnells
1	Mayor of the City of Stratford
1	Mayor of the City of Swan
1	Mayor of the City of Webster City
1	Mayor of the City of West Des Moines
3	U.S. Army Corps of Engineers
<b>47</b>	<b>TOTAL</b>

## J. COST SHARING

The law that authorizes the Greenbelt requires cost sharing under terms and conditions acceptable to the Secretary of the Army (or under terms and conditions provided for in subsequent legislation when enacted into law). The Corps of Engineers is using the cost-sharing provisions of Public Law 99-662, the Water Resources Development Act of 1986, and as described in the Assistant Secretary of the Army's letter, dated October 4, 1985, as described below and listed in table 2, page 8.

1. Recreation will be cost-shared 50% Federal and 50% non-Federal, with local interests responsible for operation, maintenance, and replacement.
2. Environmental enhancement projects will be cost-shared in accordance with Section 906 of the Water Resources Development Act of 1986, as revised. Cost-sharing percentages are based upon the national importance of a project. If benefits accrue to a species of national importance, the project will be at 100% Federal expense. Otherwise, environmental enhancement projects will be cost-shared 65% Federal and 35% non-Federal. Criteria for determining national importance are as follows:
  - (a) Such enhancement provides benefits that are determined to be national, including benefits to species that are identified by the National Marine Fisheries Service as of national economic importance, species that are subject to treaties or international convention to which the United States is a party, and anadromous fish;
  - (b) Such enhancement is designed to benefit species that have been listed as threatened or endangered by the Secretary of the Interior under the terms of the Endangered Species Act, as amended (16 U.S.C. 1531, et seq.); or
  - (c) Such species are located on lands managed as a national wildlife refuge.
3. Prevention of erosion to Federal lands would be at Federal expense. Prevention of erosion to private lands would be 100% non-Federal. Prevention of erosion to lands purchased as part of the project would be based on the purpose for acquisition; for example, prevention of erosion on lands bought for recreational purposes would be cost-shared 50% Federal and 50% non-Federal, with local interests responsible for operation, maintenance, and replacement.

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<b>Table 2. Federal Cost-Sharing Provisions</b>		
<b>Project Category</b>	<b>Cost-Sharing Percent</b>	
	<b>Federal</b>	<b>Non-Federal</b>
Recreational Facilities <sup>1</sup>	50	50
Streambank Stabilization Structures on Project Lands, for the Purpose of:		
Recreation	50	50
Environmental Enhancement		
National Importance	100	0
Not of National Importance	65	35
Operation and Maintenance of Existing Structures		
Federal	100	0
Non-Federal	0	100
Environmental Enhancement		
National Importance	100	0
Not of National Importance	65	35
Prohibition or Limitation on Taking Wildlife <sup>2</sup>	--	--
<sup>1</sup> Approved recreation facilities on Federal lands at Lake Red Rock and Saylorville Lake can be planned, designed, and constructed at Federal expense in accordance with PL 94-587. <sup>2</sup> Cost-sharing policy has not yet been determined for "Prohibition or Limitation on Taking Wildlife."		

**K. DESIGN AGREEMENT**

A Design Agreement, in accordance with Corps regulations, requires local sponsor cost-sharing for development of design documents. This agreement must be executed and funded by the local sponsor before work can begin on the EDR. The cost sharing under the Design Agreement is initially split 75% Federal, 25% sponsor. The Government "recovers" the additional share of costs from the sponsor in the first year following the execution of the PCA.

**L. ENGINEERING DOCUMENTATION REPORT (EDR)**  
(formerly known as Feature Design Memorandum or FDM)

The EDR is a detailed site-specific document describing the project, including a cost estimate, economic analysis, environmental documentation and coordination, and local cooperation items. The Assistant Secretary of the Army - Civil Works must approve all 100% Federal and cost-shared Greenbelt projects before they can proceed to construction. The approval document is the EDR. A tally of all approved projects is shown at Appendix C in Table 4.

#### **M. PROJECT COOPERATION AGREEMENT (PCA)**

In accordance with the requirements of Public Laws 91-611 and 99-662, the local sponsor and the Government will enter into a legally binding PCA prior to the start of construction of cost-shared projects. Among other things, the PCA will require that the local sponsor pay a certain percentage of the total project costs (percentage depends on type of project); provide all lands, easements, rights-of-way, and relocations for the project; and operate, maintain, and replace the project after completion at no cost to the Federal Government.

In order to be eligible for Federal participation, a local sponsor must meet the following criteria:

1. Be a non-Federal governmental entity, with legal authority to enter into a PCA;
2. Be financially capable of cost-sharing (percentage of costs varies with type of project);
3. Have authority to acquire project lands and easements; and
4. Operate, maintain, and replace the project at no cost to the Federal Government.

#### **N. REAL ESTATE REQUIREMENTS**

The local sponsor will be required to obtain all rights-of-way needed for the project and to make them available to the Government for construction and, as necessary, to relocate or modify all utilities and other facilities within the project boundaries. Rights-of-way may include title and/or easements for all lands necessary for the project. Local sponsors must comply with the requirements of Public Law 91-646 in land acquisition and relocation assistance to those who may be displaced by the project. If applicable under current laws and regulations, the local sponsor may receive credit towards its share of project costs for the value of lands, easements, and rights-of-way provided for project purposes.

#### **O. LOCAL SPONSOR WORK-IN-KIND CREDITING**

According to Section 122 of the FY 2003 Omnibus Appropriations Act, Public Law 108-7, local sponsors are eligible to receive work-in-kind credit for planning, design, and construction performed by the sponsor, or by others on behalf of the sponsor (see paragraph A, this section). This work-in-kind credit is capped at \$10 million for the Greenbelt program. Work-In-Kind credits for planning, design, and construction will be addressed in the EDRs. At this time, no work-in-kind has been credited.

## **SECTION II - ADVISORY COMMITTEE ACTIVITIES**

### **A. ADVISORY COMMITTEE COORDINATION**

The Advisory Committee conducts coordination meetings as necessary. These meetings are jointly arranged by the Corps of Engineers and the Iowa Department of Natural Resources. The minutes of the January 27, 2005 and the February 20, 2004 meetings can be found in Appendix D.

### **B. ADVISORY COMMITTEE ACTIVITIES**

The Advisory Committee maintains an active role in coordinating and advising implementation of the Greenbelt program. Activities include field trips, special subcommittee work groups, public meetings, and communication with local, State, and Federal agencies.

### SECTION III - PROGRAM ADMINISTRATION

#### A. UPDATE OF THE MASTER LIST

The primary purpose of the APMR is to update the Greenbelt master plan contained in the General Design Memorandum (GDM). In coordination with the Advisory Committee, the Corps of Engineers will administer the periodic update of the Master List of Projects (Appendix A).

The 2004 Master List of Projects has been reviewed and no changes are recommended.

#### B. STATUS OF THE MASTER LIST OF PROJECTS

The master list recognizes four main categories of projects: (1) completed, (2) cost-shared, (3) 100% Federal, and (4) 100% non-Federal. These categories were then subdivided, in order to be presented, as shown in table 3.

<b>Table 3: Status of Greenbelt Projects</b>	
<b>Listing Category</b>	<b>No. of Projects</b>
Completed Greenbelt Projects To Date	14
Federal Projects Approved For FDM/EDR Preparation	2
Cost-Shared Projects Approved For FDM/EDR Preparation	9
Federal Projects Included In Saylorville Lake Master Plan	3
Federal Projects Included In Lake Red Rock Master Plan	5
Proposed Cost-Shared Projects	59
Proposed Non-Federal Projects	15
<b>TOTAL</b>	<b>107</b>

#### C. GREENBELT IMPLEMENTATION

The following projects have been recommended as priority projects, and implementation of these projects is underway:

##### **Des Moines**

- Des Moines Riverwalk
- Des Moines Downtown (Simon Estes) Amphitheater Modifications

##### **Fort Dodge**

- Fort Dodge Riverfront and Trails

##### **Lake Red Rock**

- Cordova Center on the Rock
- Red Rock Multi-Purpose Trail Segment 4B

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**1. Des Moines**

**a. Des Moines Riverwalk (cost-shared) (Project # 315.1)**

**(1) Status.** The Corps of Engineers and the City of Des Moines have executed the Design Agreement and Project Management Plan, for the Phase I elements of the Riverwalk in April 2004. The development of the Engineering Documentation Report (EDR) started in August 2004 and is expected to be completed in September 2005. The Corps of Engineers contracted in October 2004 with Stanley Consultants of Des Moines, Iowa and WRT of Philadelphia, PA to complete the Principal Master Plan for the Riverwalk EDR. The EDR will cost approximately \$1.8 million. To meet the accelerated schedule and budget, some components of the Riverwalk will be included in a second EDR. The second EDR, will include any modifications within the confines of the Des Moines River, and Phase 2 elements of the Riverwalk. At this time, the second EDR has not been scheduled.

**(2) Schedule.** The following table is an estimate of when the milestone events will occur. The schedule is subject to change due to unknowns such as funding, real estate, and design concerns. The Riverwalk Phase I project may be split into stages to expedite construction, as Federal funding becomes available. The Sponsor is planning to expedite construction on some items and intends to seek work-in-kind credit permitted under existing legislation.

<b>Des Moines Riverwalk Major Milestone Event</b>	<b>Start Date</b>	<b>End Date</b>
Prepare Engineering Documentation Report	Apr-04	Jul-05
Approve Engineering Documentation Report	Aug-05	Jan-06
Prepare Contract Documents (Plans & Specifications)	Aug-05	Jun-06
Sign Project Cooperation Agreement	Feb-06	Apr-06
Land Acquisition	Apr-06	Jul-06
Contract Solicitation & Award (federally funded)	Aug-06	Oct-06
Construction (federally funded)	Nov-06	Sep-10

**(3) Estimated Funding Requirements**

<b>Des Moines Riverwalk Estimate of Required Fiscal Year Funding</b>									
	<b>(act.) FY 03</b>	<b>(act.) FY 04</b>	<b>FY 05</b>	<b>FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>	<b>FY 10</b>	<b>TOTAL</b>
Federal	\$1,942	\$283,199	\$1,360,000	\$1,080,000	\$4,000,000	\$4,000,000	\$2,000,000	\$518,000	<b>\$13,243,140</b>
Sponsor Cash	\$0	\$0	\$0	\$667,000	\$980,000	\$980,000	\$490,000	\$126,140	<b>\$3,243,140</b>
Sponsor Credits	\$0								<b>\$10,000,000</b>
<b>TOTAL</b>	<b>\$1,942</b>	<b>\$283,199</b>	<b>\$1,360,000</b>	<b>\$1,747,000</b>	<b>\$4,980,000</b>	<b>\$4,980,000</b>	<b>\$2,490,000</b>	<b>\$644,140</b>	<b>\$26,486,280</b>

\* In FY06, the estimated year of PCA signing, the Government recovers the full cost share of the Design Agreement.

Note: Cost estimates for Phase 2 were not scheduled or calculated

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**(4) Local Sponsor Work-in-Kind Credit.** The local sponsor will receive appropriate credit for planning and design (work-in-kind) following approval of the EDR. Appropriate credit for construction work completed by the sponsor will be made only after execution of a PCA. The current estimated total work-in-kind credit is \$10,000,000.

**b. Des Moines Downtown (Simon Estes) Amphitheater (cost-shared) (Project # 301.2)**

**(1) History.** The Des Moines Recreational River and Greenbelt Feature Design Memorandum #8 for Downtown Amphitheater, dated August 1992, approved the construction of the Amphitheater. Construction started on December 1, 1994, and was substantially completed on November 19, 1996. The construction cost was \$1,562,384.67, and the City of Des Moines accepted operation and maintenance responsibility on January 31, 1997. Subsequently, the City of Des Moines was sued for violations under the Americans with Disabilities Act (ADA).

**(2) Status.** The Des Moines City Council approved an agreement with the Department of Justice (DOJ) on January 26, 2004, to bring the Amphitheater into compliance with the ADA. The agreement calls for plans and specifications to be completed by September 30, 2004, and construction of modifications to the amphitheater to be completed by December 1, 2005. Plans and specifications have been completed, and a construction contract will be let during the second quarter of Federal Fiscal Year 2005. Construction is scheduled to be completed by the December 1, 2005 deadline.

**(3) Preliminary Schedule.** The following schedule complies with the agreement between the City of Des Moines and the DOJ.

Des Moines Amphitheater Major Milestone Event	Start Date	End Date
Contract Solicitation & Award	Jan-05	Apr-05
Construction	May-05	Nov-05

**(4) Estimated Funding Requirements**

Des Moines Amphitheater Estimate of Required Fiscal Year Funding					
	(act.) FY 03	(act.) FY 04	FY 05	FY 06	TOTAL
Federal	\$0	\$25,121	\$164,585	\$10,000	\$199,706
Sponsor Cash	\$0	\$95,977	\$268,317	\$10,000	\$374,294
<b>TOTAL</b>	<b>\$0</b>	<b>\$121,098</b>	<b>\$432,902</b>	<b>\$20,000</b>	<b>\$574,000</b>

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**2. Fort Dodge**

**a. Fort Dodge Riverfront and Trails (cost-shared) (Project # 121.1)**

**(1) Status.** The Corps of Engineers and the City of Fort Dodge have entered into a Design Agreement, and work on the EDR is underway. The current list of project features includes: (1) completion of the Riverfront Trail consisting of approximately 2.8 miles of multi-use trail; and (2) a pedestrian bridge over the Des Moines River. The Design Agreement for the EDR and Plans and Specifications was signed at the Fort Dodge City Council meeting on 20 December 2004. The estimated cost to complete the EDR is \$2 million.

Trails located outside the City of Fort Dodge are not included in the first phase of development. A separate EDR will be needed for the trail to Brushy Creek Lake.

**(2) Anticipated Schedule.** The following table is an estimate of when the milestone events will occur. The schedule is subject to change due to unknowns such as funding, real estate, and design concerns. The project may be split into phases to expedite construction, as Federal funding becomes available.

<b>Fort Dodge Major Milestone Event</b>	<b>Start Date</b>	<b>End Date</b>
Prepare Engineering Documentation Report	Jan-05	Jan-06
Approve Engineering Documentation Report	Feb-06	Jul-06
Prepare Contract Documents (Plans & Specifications)	Mar-06	Nov-06
Sign Project Cooperation Agreement	Dec-06	Feb-07
Land Acquisition	Feb-07	Jul-07
Contract Solicitation & Award	Aug-07	Sep-07
Construction	Oct-07	Apr-10

**(3) Estimated Funding Requirements**

<b>Fort Dodge Estimate of Required Fiscal Year Funding</b>									
	(act.)FY 03	(act.) FY 04	FY 05	FY 06	FY 07	FY08	FY09	FY10	TOTAL
Federal	\$ 582	\$ 45,511	\$361,156	\$562,500	\$1,080,375	\$3,700,000	\$1,000,000	\$80,000	\$ 6,830,125
Sponsor Cash	\$ -	\$ -	\$135,750	\$187,500	\$1,726,875	\$3,700,000	\$1,000,000	\$80,000	\$ 6,830,125
<b>TOTAL</b>	<b>\$ 582</b>	<b>\$ 45,511</b>	<b>\$ 496,906</b>	<b>\$ 750,000</b>	<b>\$ 2,807,250</b>	<b>\$ 7,400,000</b>	<b>\$ 2,000,000</b>	<b>\$ 160,000</b>	<b>\$ 13,660,250</b>
* In FY06 and FY07, under the PCA the Government recovers the full cost share of the Design Agreement.									

**(4) Local Sponsor Work-in-Kind Credit.** The local sponsor has not requested any credit for work-in-kind at this time.

**3. Lake Red Rock**

**a. Cordova Center on the Rock (Federal) (Project # 415.1)**

(1) **Status.** During FY04, the Corps of Engineers prepared a comprehensive Scope of Services contract, selected an Architect/Engineering firm and began in-house work on the EDR. The A/E contract is scheduled to be awarded in April 2005. Initial phases of this contract will develop the Interpretive Master Plan and component-specific Master Plans in FY05. In FY06, the contract option to complete programming, schematic design alternatives and final schematic designs will be executed. In addition to the initial phases listed above, the Scope of Services has multiple options that will enable the Corps to retain the services of the A/E firm through design development, construction documents and construction administration. In-house work is underway on secondary project features and NEPA documentation that will be incorporated into the EDR.

(2) **Anticipated Schedule.** The following table is an estimate of when major milestone events will occur. The schedule is subject to change due to unknowns such as funding, real estate, and design concerns.

<b>Red Rock Cordova Center Major Milestone Event</b>	<b>Start Date</b>	<b>End Date</b>
Prepare Engineering Documentation Report	Apr-04	Dec-06
Approve Engineering Documentation Report	Jan-07	Jun-07
Prepare Contract Documents (Plans & Specifications)	Jul-07	Apr-08
Contract Solicitation & Award (1st phase)	May-08	Aug-08
Construction	Sep-08	Sep-10

**(3) Estimated Funding Requirements**

<b>Red Rock Cordova Center Estimate of Required Fiscal Year Funding</b>									
	<b>(act) FY 03</b>	<b>(act) FY 04</b>	<b>FY 05</b>	<b>FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>	<b>FY 10</b>	<b>TOTAL</b>
Federal	\$22,870	\$ 221,349	\$ 624,000	\$ 2,200,000	\$ 2,350,000	\$ 8,800,000	\$ 8,800,000	\$ 7,631,781	<b>\$30,650,000</b>

**b. Multi-Purpose Trail Segment 4B (Project # 802.1)**

(1) **Status.** Construction of a 280-foot long bridge was completed in November 2004.



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Tree clearing and grubbing for the first two miles of trail corridor will be completed early in 2005. Plans and specifications for the remaining four miles of the trail are substantially complete and wait for adequate funding to proceed. A construction contract for another portion of the Segment 4B trail is scheduled for award in FY 2005 depending on availability of funds.

- (2) **Anticipated Schedule.** The following table is an estimate of when the milestone events will occur. The schedule is based on work resuming if funding becomes available the first of FY06. Construction contracts may be split in to smaller projects if funding is limited.

<b>Red Rock –Trail Segment 4B Major Milestone Event</b>	<b>Start Date</b>	<b>End Date</b>
Finalize Contract Documents (Plans & Specifications)	Oct-04	Apr-05
Contract Solicitation & Award	May-05	Jul-05
Construction	Aug-05	Nov-07

(3) **Estimated Funding Requirements**

<b>Red Rock - Trail Segment 4B Estimate of Required Fiscal Year Funding</b>							
	<b>(act.) FY 03</b>	<b>(act.) FY 04</b>	<b>FY 05</b>	<b>FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>Total</b>
Federal	\$241,828	\$ 951,869	\$579,647	\$3,980,000	\$2,420,000	\$120,407	<b>\$8,293,750</b>

**D. GREENBELT FINANCIAL SUMMARY**

<b>Fiscal Year</b>	<b>Federal Funds Allocated</b>	<b>Sponsor Funds Contributed</b>	<b>Total Funds Available</b>	<b>Total Funds Expended</b>
FY 2003	\$ 415,000	\$ 22,282	\$ 437,282	\$ 419,870
FY 2004	\$ 1,911,000	\$ 137,294	\$ 2,048,294	\$ 1,829,664
FY 2005	\$ 3,109,000	\$ 404,067	\$ 3,513,067	\$ 654,231
<b>Total</b>	<b>\$ 5,435,000</b>	<b>\$ 563,642</b>	<b>\$ 5,998,642</b>	<b>\$ 2,903,765</b>

Note: Amounts through December 2004

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Figure 2: Des Moines Recreational River and Greenbelt Implementation Plan

Des Moines Riverwalk Development (cost-share)	Prior Years	FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				FY 2010				TOTAL			
		Expenditures	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		Q4		
Prepare Engineering Documentation Report		[Gantt chart bars]																											
Approve Engineering Documentation Report		[Gantt chart bars]																											
Prepare Contract Documents (Plans & Specifications)		[Gantt chart bars]																											
Sign Project Cooperation Agreement		[Gantt chart bars]																											
Land Acquisition and Crediting		[Gantt chart bars]																											
Contract Solicitation & Award		[Gantt chart bars]																											
Construction		[Gantt chart bars]																											
Federal Funding	\$ 285,140	\$ 1,360,000	\$ 1,080,000	\$ 4,000,000	\$ 4,000,000	\$ 2,000,000	\$ 518,000																					\$ 13,243,140	
Sponsor Funding	\$ -	\$ -	\$ 667,000	\$ 980,000	\$ 980,000	\$ 490,000	\$ 126,140																					\$ 3,243,140	
Credits																													
<b>Total</b>	<b>\$ 285,140</b>	<b>\$ 1,360,000</b>	<b>\$ 1,747,000</b>	<b>\$ 4,980,000</b>	<b>\$ 4,980,000</b>	<b>\$ 2,490,000</b>	<b>\$ 644,140</b>																					<b>\$ 26,486,280</b>	
<b>Des Moines Amphitheater (cost-share)</b>																													
Prior Years		FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				FY 2010				TOTAL			
Expenditures		[Gantt chart bars]																											
Contract Solicitation & Award		[Gantt chart bars]																											
Construction		[Gantt chart bars]																											
Federal Funding	\$ 25,121	\$ 164,585	\$ 10,000																					\$ 199,706					
Sponsor Funding	\$ 95,977	\$ 268,317	\$ 10,000																					\$ 374,294					
<b>Total</b>	<b>\$ 121,098</b>	<b>\$ 432,902</b>	<b>\$ 20,000</b>																					<b>\$ 574,000</b>					
<b>Fort Dodge Riverfront (cost-shared)</b>																													
Prior Years		FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				FY 2010				TOTAL			
Expenditures		[Gantt chart bars]																											
Prepare Engineering Documentation Report		[Gantt chart bars]																											
Approve Engineering Documentation Report		[Gantt chart bars]																											
Prepare Contract Documents (Plans & Specifications)		[Gantt chart bars]																											
Sign Project Cooperation Agreement		[Gantt chart bars]																											
Land Acquisition and Crediting		[Gantt chart bars]																											
Contract Solicitation & Award		[Gantt chart bars]																											
Construction		[Gantt chart bars]																											
Federal Funding	\$ 46,094	\$ 361,156	\$ 562,500	\$ 1,080,375	\$ 3,700,000	\$ 1,000,000	\$ 80,000																					\$ 6,830,125	
Sponsor Funding	\$ -	\$ 135,750	\$ 187,500	\$ 1,726,875	\$ 3,700,000	\$ 1,000,000	\$ 80,000																					\$ 6,830,125	
<b>Total</b>	<b>\$ 46,094</b>	<b>\$ 496,906</b>	<b>\$ 750,000</b>	<b>\$ 2,807,250</b>	<b>\$ 7,400,000</b>	<b>\$ 2,000,000</b>	<b>\$ 160,000</b>																					<b>\$ 13,660,250</b>	
<b>Cordova on the Rock (Federal)</b>																													
Prior Years		FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				FY 2010				TOTAL			
Expenditures		[Gantt chart bars]																											
Prepare Engineering Documentation Report		[Gantt chart bars]																											
Approve Engineering Documentation Report		[Gantt chart bars]																											
Prepare Contract Documents (Plans & Specifications)		[Gantt chart bars]																											
Contract Solicitation & Award		[Gantt chart bars]																											
Construction		[Gantt chart bars]																											
<b>Total Federal Funding</b>	<b>\$ 244,219</b>	<b>\$ 624,000</b>	<b>\$ 2,200,000</b>	<b>\$ 2,350,000</b>	<b>\$ 8,800,000</b>	<b>\$ 8,800,000</b>	<b>\$ 7,631,781</b>																					<b>\$ 30,650,000</b>	
<b>Red Rock Multi-Purpose Trail Stage 4B (Fed.)</b>																													
Prior Years		FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				FY 2010				TOTAL			
Expenditures		[Gantt chart bars]																											
Construction (multiple contracts)		[Gantt chart bars]																											
<b>Total Federal Funding</b>	<b>\$ 1,193,696</b>	<b>\$ 579,647</b>	<b>\$ 3,980,000</b>	<b>\$ 2,420,000</b>	<b>\$ 120,407</b>																					<b>\$ 8,293,750</b>			
<b>Total Estimated Federal Greenbelt Funding</b>																													
Prior Years		FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				FY 2010				TOTAL			
Federal Funding for Active Projects	\$ 1,794,271	\$ 3,089,388	\$ 7,832,500	\$ 9,850,375	\$ 16,620,407	\$ 11,800,000	\$ 8,229,781																					\$ 59,216,721	
Federal Funding for Corps Program Administration	\$ 359,287	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000																					\$ 1,559,287	
<b>Total Federal Funding</b>	<b>\$ 2,153,558</b>	<b>\$ 3,289,388</b>	<b>\$ 8,032,500</b>	<b>\$ 10,050,375</b>	<b>\$ 16,820,407</b>	<b>\$ 12,000,000</b>	<b>\$ 8,429,781</b>																					<b>\$ 60,776,008</b>	

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**SECTION IV - RECOMMENDATION**

Continued implementation of the Des Moines Recreational River and Greenbelt as described in this document is recommended as shown in Figure 2, page 19. Following is a summary of estimated federal funding required to implement this plan:

Fiscal Year	Required Federal Funds
FY 2006	\$ 8,032,500
FY 2007	\$ 10,050,375
FY 2008	\$ 16,820,407
FY 2009	\$ 12,000,000
FY 2010	\$ 8,429,781

Implementation of Greenbelt projects are subject to availability of funding and approval of the Engineering Documentation Reports and Project Cooperation Agreements by the Assistant Secretary of the Army for Civil Works.

Submitted by:   
GARY L. LOSS, P.E.  
Chief, Planning, Programs, and  
Project Management Division

2/18/2005  
Date

Approved by:   
DUANE P. GAPINSKI  
Colonel, U.S. Army  
District Engineer

2/18/05  
Date

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**APPENDIX A**

**MASTER LIST OF PROJECTS**

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<b>INDEX</b>		
<b>SERIAL NO.</b>	<b>SUBJECT</b>	<b>NO. OF PROJECTS</b>
1-14	Completed Greenbelt Projects To Date	14
15-16	Federal Projects Approved For FDM/EDR Preparation	2
17-25	Cost-Shared Projects Approved For FDM/EDR Preparation	9
26-28	Federal Projects Included In Saylorville Lake Master Plan	3
29-33	Federal Projects Included In Lake Red Rock Master Plan	5
34-92	Proposed Cost-Shared Projects	59
93-107	Proposed Non-Federal Projects	15
<b>TOTAL</b>		<b>107</b>

**ACRONYMS**

APMR - Annual Program Management Report  
 ENV - Environmental Enhancement  
 FDM - Feature Design Memorandums  
 GDM - General Design Memorandum  
 IDNR - Iowa Department of Natural Resources  
 REC - Recreation  
 STR - Streambank Stabilization  
 WRDA - Water Resources Development Act

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Serial No.	Project No.	Project Title	Proponent	Purpose	Financing	Plan Year	Reference	Remarks
1.	000.0	Bennington Bridge Boat Ramp	IDNR	REC	COST-SHARE	1987	GDM	Completed Oct 87
2.	000.0	Jester County Park Campground Improvements Phase I	Polk Co	REC	COST-SHARE	1987	GDM	Completed Jan 91
3.	000.0	Multi-Purpose Trail, Red Rock (North Shore), Segment I	N/A	REC	FEDERAL	1987	GDM	Completed Jun 92
4.	000.0	Multi-Purpose Trail, Red Rock (North Shore), Segment IIA	N/A	REC	FEDERAL	1987	GDM	Completed Oct 92
5.	000.0	Multi-Purpose Trail, Red Rock (North Shore), Segment IIB	N/A	REC	FEDERAL	1987	GDM	Completed Oct 94
6.	000.0	Multi-Purpose Trail, Lutheran Hospital Trail Improvements	Des Moines	REC	COST-SHARE	1987	GDM	Completed Jun 92
7.	000.0	Dragoon Trail Scenic Road Route	6 Sponsors	REC	COST-SHARE	1987	GDM	Completed May 93
8.	000.0	Multi-Purpose Trail, Red Rock (North Shore), Segment IIIA	N/A	REC	FEDERAL	1987	GDM	Completed Dec 94
9.	802.1	Multi-Purpose Trail, Red Rock IIB	N/A	REC	FEDERAL	1987	FDM NO. 9	Completed Sep 97
10.	802.1	Multi-Purpose Trail, Red Rock (North Shore), Segment IVA	N/A	REC	FEDERAL	1987	GDM	Completed Jun 98
10. A	802.1	<b>Multi-Purpose Trail, Red Rock (North Shore), Segment IVB</b>	N/A	REC	FEDERAL	1987	GDM	Under Construction
11.	802.1	Multi-Purpose Trail, Saylorville Barrier Dam	N/A	REC	FEDERAL	1992	APMR	FDM Work on Hold for Greenbelt Funding
12.	<b>415.1</b>	<b>Cordova Center on the Rock</b>	IDNR & Marion Co.	REC	FEDERAL	2003	APMR	Priority Project EDR Underway
13.	302.1	Raccoon River Regional Park	W. Des Moines	REC	COST-SHARE	1987 1989	GDM, P. 126, A-115 APMR, P. 20	FDM Work on Hold for Greenbelt Funding

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Serial No.	Project No.	Project Title	Proponent	Purpose	Financing	Plan Year	Reference	Remarks
14.	801.1	Multi-Purpose Trail, Polk City to Big Creek	Polk City	REC	COST-SHARE	1991	APMR, P. 24	FDM Work on Hold for Greenbelt Funding
15.	802.1	Multi-Purpose Trail, Webster City to Briggs Woods	Hamilton Co. Webster City	REC	COST-SHARE	1992	APMR, P. 24	FDM Work on Hold for Greenbelt Funding
16.	802.1	Multi-Purpose Trail, Dayton to Stratford	Webster Co.	REC	COST-SHARE	1992	APMR, P.24	FDM Work on Hold for Greenbelt Funding
17.	802.1	Multi-Purpose Trail, Knoxville Segment	Marion Co.	REC	COST-SHARE	1992	APMR, P.25	FDM Work on Hold for Greenbelt Funding
18.	301.2	<b>Downtown Riverfront Plaza/Amphitheater</b>	Des Moines	REC	COST-SHARE	1987	GDM, P. 124, A-105, APMR, P. 19	Completed
19.	N/A	Neal Smith Trail & Prairie Learning Center Signs	Congress	REC	COST-SHARE	1997	EWRDA	Completed
20.	802.1	Multi-Purpose Trail, Johnston Trails/Access	Johnston	REC	COST-SHARE	1991	APMR, P. 24	Completed Locally without Greenbelt Funding - 2003
21.	109.1	Don Williams County Park Expansion	Boone Co.	REC	COST-SHARE	1987	GDM, P. 111, A-73	Completed Locally without Greenbelt Funding - 2003
22.	306.1	Riverview Natureland Park	Des Moines	REC	COST-SHARE	1992	APMR, P.25	FDM Work on Hold for Greenbelt Funding
23.	802.1	Multi-Purpose Trail, Walnut Creek National Wildlife Refuge to Lake Red Rock	IDNR	REC	COST-SHARE	1994	APMR	FDM Work on Hold for Greenbelt Funding
24.	<b>315.1</b>	<b>Des Moines Riverwalk</b>	Des Moines	REC	COST-SHARE	2003	APMR	Priority Project EDR Underway
25.	<b>121.1</b>	<b>Fort Dodge Riverfront Development And Trails</b>	Fort Dodge & Webster Co.	REC/ ENV/STR	COST-SHARE	2003	APMR	Priority Project EDR Underway
26.	203.4	Walnut Ridge Comfort Station	N/A	REC	FEDERAL	1987	GDM, P. 118, B-3	Non-Greenbelt Funds-OMP Item
27.	203.6	Greenbelt Visitor Center Development, Saylorville Lake	N/A	REC	FEDERAL	1987	GDM, P. 118, B-7	Non-Greenbelt Funds
28.	804.9	Saylorville Prairies	N/A	ENV	FEDERAL	1987	GDM, P. 102, B-19	Non-Greenbelt Funds. Work On-Going

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<b>Serial No.</b>	<b>Project No.</b>	<b>Project Title</b>	<b>Proponent</b>	<b>Purpose</b>	<b>Financing</b>	<b>Plan Year</b>	<b>Reference</b>	<b>Remarks</b>
29.	402.3	Wallashuck Camping Loop	N/A	REC	FEDERAL	1987	GDM, P. 135, B-11	Non-Greenbelt Funds. Not in OMP
30.	402.5	East Wallashuck Boat Ramp	N/A	REC	FEDERAL	1987	GDM, P. 135, B-15	Non-Greenbelt Funds. Not in OMP
31.	402.6	Greenbelt Visitor Center Development, Lake Red Rock	N/A	REC	FEDERAL	1987	GDM, P. 135, B-17	Non-Greenbelt Funds
32.	804.1	Red Rock Reforestation	N/A	ENV	FEDERAL	1987	GDM, P. 102, B-21	Non-Greenbelt Funds. Work On-Going
33.	805.2	Bald Eagle Nest Platforms	IDNR	ENV	FEDERAL	1987	GDM, P. 103, A-255	Non-Greenbelt Funds
34.	101.1	Boone Forks Wildlife Management Area	IDNR	ENV	COST-SHARE	1987	GDM, P. 109, A-222	
35.	102.1	State Forest Development	IDNR	ENV	COST-SHARE	1987	GDM, P. 109, A-225	
36.	103.1	Ledges State Park Development	IDNR	REC	COST-SHARE	1987	GDM, P. 110, A-54	
37.	103.1	Ledges State Park Small Animal Display	IDNR	REC	COST-SHARE	1990	APMR, P. 19	
38.	105.2	Upper River Gateway	IDNR	REC	COST-SHARE	1987	GDM, P. 110, A-60	IDNR Dropped Campground Portion of Project
39.	106.1	Dolliver State Park Improvements	IDNR	REC	COST-SHARE	1987	GDM, P. 111, A-63	
40.	107.1	Boone Forks Boat Ramp	IDNR	REC	COST-SHARE	1987	GDM, P. 111, A-66	
41.	108.1	Carlson Area Boat Ramp	Webster Co.	REC	COST-SHARE	1987	GDM, P. 111, A-68	
42.	110.2	Norton's Ford Boat Ramp	IDNR	REC	COST-SHARE	1987	GDM, P. 111, A-75	
43.	115.1	Riverside Park Campground	Webster City	REC	COST-SHARE	1989	APMR, P. C-2	
44.	116.1	Briggs Woods Park Improvements	Hamilton Co.	REC	COST-SHARE	1989	APMR, P. C-4	
45.	119.1	Bells Mill Park Improvements	Hamilton Co.	REC	COST-SHARE	1989	APMR, P. C-21	
46.	120.1	Boone Protected Water Area	IDNR	ENV	COST-SHARE	1990	APMR, P. C-4	

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47.	201.1	Jester County Park Misc. Improvements	Polk Co.	REC	COST-SHARE	1987	GDM, P. 116, A-86	
48.	202.1	Big Creek State Park Improvements	IDNR	REC	COST-SHARE	1987	GDM, P. 117, A-89	
49.	202.1	Big Creek State Park Campground	IDNR	REC	COST-SHARE	1990	APMR, P. 19	
50.	203.1	Big Creek Spillway Boat Ramp	IDNR	REC	COST-SHARE	1987	GDM, P. 118, A-92	
51.	203.2	S&V Bridge Jetty	IDNR	REC	COST-SHARE	1987	GDM, P. 118, A-94	
52.	205.1	Beaver Creek Park	Polk Co.	REC	COST-SHARE	1987	GDM, P. 119, A-96	
53.	209.1	Johnston Ponds	Johnston	REC	COST-SHARE	1989	APMR, P. C-23	
54.	302.2	Raccoon River Nature Area	IDNR Polk Co.	REC	COST-SHARE	1987 1989	GDM, P. 126, A-115 APMR, P. 20	
55.	303.1	Walnut Woods State Park Improvements	IDNR	REC	COST-SHARE	1987	GDM, P. 127, A-119	
56.	304.1	Yellow Banks County Park Improvements	Polk Co.	REC	COST-SHARE	1987	GDM, P. 127, A-122	
57.	305.1	Prospect Park Riverbank Stabilization	Des Moines	STR	COST-SHARE	1987	GDM, P. 128, A-266	
58.	310.1	Easter Lake County Park Improvements	Polk Co.	REC	COST-SHARE	1987	GDM, P. 129, A-137	
59.	313.1	Des Moines Waterwork Park Boat Ramp	IDNR	REC	COST-SHARE	1987	GDM, P. 130, A-146	
60.	403.1	Marion County Park Improvements	Marion Co.	REC	COST-SHARE	1987	GDM, P. 136, A-163	
61.	404.1	Runnells City Park Improvements	Runnells	REC	COST-SHARE	1987	GDM, P. 136, A-165	
62.	405.1	Howard's Lake Subimpoundment	Runnells	REC	COST-SHARE	1987	GDM, P. 136, A-168	
63.	406.1	Congregational Church Overlook	Runnells	REC	COST-SHARE	1987	GDM, P. 137, A-170	
64.	409.1	Hartford Canoe Access	IDNR	REC	COST-SHARE	1989	APMR, P. C-25	

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65.	409.2	Iowa Highway 181 Canoe Access	IDNR	REC	COST-SHARE	1989	APMR, P. C-27	
66.	410.1	Runnells Boat Ramp	IDNR	REC	COST-SHARE	1987	GDM, P. 138, A-173	
67.	413.1	Harvey Boat Ramp	IDNR	REC	COST-SHARE	1987	GDM, P. 138, A-176	
68.	414.1	Grant Nature Land Park Development	Warren Co.	REC	COST-SHARE	1990	APMR, P. 19	
69.	801.2	Kalo Road Bank Stabilization	Webster Co.	STR	COST-SHARE	1987	GDM, P. 99, A-273	
70.	801.3	Route P73 Bank Stabilization	Lehigh	STR	COST-SHARE	1987	GDM, P. 99, A-275	
71.	801.5	Deception Hollow Bank Stabilization	Webster Co.	STR	COST-SHARE	1987	GDM, P. 99, A-277	
72.	801.1	Multi-Purpose Trail, Big Creek Park Trail Improvements	IDNR	REC	COST-SHARE	1992	APMR, P. 24	Plans & Cost Estimate Completed When Recom'd For FDM
73.	802.2	Jester Park Trail	Polk Co.	REC	COST-SHARE	1987	GDM, P. 101, A-184	
74.	802.3	Browns Woods Trail	Polk Co.	REC	COST-SHARE	1987	GDM, P. 101, A-186	
75.	803.2	Kate Shelley Bridge Fishing Access	IDNR	REC	COST-SHARE	1987	GDM, P. 102, A-188	
76.	803.3	Handicapped Fishing Piers	Des Moines	REC	COST-SHARE	1987	GDM, P. 102, A-193	
77.	803.5	Scott Street Dam Fishing Access	IDNR	REC	COST-SHARE	1987	GDM, P. 102, A-197	
78.	804.1	Native Plantings No. 1	IDNR	ENV	COST-SHARE	1987	GDM, P. 102, A-235	
79.	804.2	Native Plantings No. 2	IDNR	ENV	COST-SHARE	1987	GDM, P. 102, A-237	
80.	804.3	Reforestation No. 1	IDNR	ENV	COST-SHARE	1987	GDM, P. 102, A-239	
81.	804.4	Reforestation No. 2	IDNR	ENV	COST-SHARE	1987	GDM, P. 102, A-241	
82.	804.5	Reforestation No. 3	IDNR	ENV	COST-SHARE	1987	GDM, P. 102, A-243	

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83.	804.6	Reforestation No. 4	IDNR	ENV	COST-SHARE	1987	GDM, P. 102, A-245	
84.	804.7	Reforestation No. 5	IDNR	ENV	COST-SHARE	1987	GDM, P. 102, A-247	
85.	804.12	Land Acquisition - Joe West Sr. Estate	IDNR	ENV	COST-SHARE	1987	GDM, P. 102, A-249	
86.	804.13	Se. Riverfront Land Acquisition	IDNR	ENV	COST-SHARE	1987	GDM, P. 102, A-251	
87.	805.3	Heron Nest Structures - Saylorville Lake	IDNR	ENV	COST-SHARE	1987	GDM, P. 103, A-257	
88.	805.4	Heron Nest Structures - Lake Red Rock	IDNR	ENV	COST-SHARE	1987	GDM, P. 103, A-260	
89.	807.1	Land Acquisition	Multiple	ENV	COST-SHARE	1987	GDM, P. 102	
90.	808.1	Conservation Easements	Multiple	ENV	COST-SHARE	1987	GDM, P. 99, A-233	
91.	306.2	Yellow Banks Observation Observation Platform	Polk Co.	REC	COST-SHARE	1993	APMR, P. 24	Plans & Cost Estimate Completed When Recom'd for FDM
92.	404.2	Boat Landing Facilities	IDNR	REC	COST-SHARE	1993	APMR, P. 24	Plans & Cost Estimate Completed When Recom'd for FDM
93.	104.1	Bever Bridge Canoe Access	IDNR Hamilton Co.	REC	NON-FED.	1987 1991	GDM, P. 110, A-57 APMR, P. 24	
94.	107.2	Boone Forks Outpost	IDNR	REC	NON-FED.	1987	GDM, P. 111	
95.	108.2	Carlson County Recreation Area Improvements	Webster Co.	REC	NON-FED	1987 1991	GDM, P. 111, A-71 APMR, P. 24	
96.	111.1	Lehigh Waterfront Restoration	IDNR	REC	NON-FED.	1987	GDM, P. 112	
97.	113.1	Tunnel Mill Restoration	IDNR	REC	NON-FED.	1987	GDM, P. 113	
98.	114.1	Dayton Mounds	Webster Co.	REC	NON-FED.	1987	GDM, P. 113, A-84	
99.	117.1	Revez Overlook	Hamilton Co.	REC	NON-FED.	1989 1992	APMR, P. C-7 APMR, P.27	1 of 5 Hamilton Co. Scenic Overlooks; Not Economically Justified

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100.	117.2	Tunnel Mill Overlook	Hamilton Co.	REC	NON-FED.	1989 1992	APMR, P. C-9 APMR, P. 27	1 of 5 Hamilton Co. Scenic Overlooks; Not Economically Justified
101.	117.3	Boone Forks Overlook	Hamilton Co.	REC	NON-FED.	1989 1992	APMR, P. C-11 APMR, P. 27	1 of 5 Hamilton Co. Scenic Overlooks; Not Economically Justified
102.	117.4	Bellville Overlook	Hamilton Co.	REC	NON-FED.	1989 1992	APMR, P. C-13 APMR, P. 27	1 of 5 Hamilton Co. Scenic Overlooks; Not Economically Justified
103.	115. 204.1	Mid-River Gateway	IDNR	REC	NON-FED.	1987	GDM, P. 118	
104.	304.2	Natural History Interpretive Center	Polk Co.	REC	NON-FED.	1987	GDM, P. 127	
105.	408.1	Red Rock Line Historic Village	IDNR	REC	NON-FED.	1987	GDM, P. 137	
106.	411.1	Refuge Viewing Binoculars	IDNR	REC	NON-FED.	1987	GDM, P. 138	
107.	802.1	Multi-Purpose Trail, Little Dam Access	Fort Dodge	REC	NON-FED.	1989 1991	APMR, P. 41 AMPR, P. 24	

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**APPENDIX B**

**PROJECT LISTINGS**

**FOR COST-SHARED AND 100% FEDERAL PROJECTS**

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## SECTION I - INTRODUCTION

This appendix discusses approved projects that have been identified as priorities based on the Advisory Committee's recommendations. Cost sharing of approved projects will be conducted between the Corps of Engineers and a local governmental sponsor, such as a city, county, or the State of Iowa. Upon completion of the project, the local sponsor will be responsible for project operation, maintenance, and replacement. Projects located on Federal Lands at Lake Red Rock or Saylorville Lake will be constructed, operated, maintained, and replaced at 100% Federal cost.

Site planning for each project started with an analysis of the conceptual master plan. Only facilities potentially eligible under current Corps of Engineers regulations were incorporated into the cost estimates.

## SECTION II - PROJECT LISTINGS

Project listings include a project number; title; project purpose; local sponsor; location; description; project funding; operation, maintenance, and replacement responsibility; economic justification; environmental impacts; real estate requirements; and an itemized cost estimate. Plate references are included for any location maps or site plans that accompany the project listings for projects recommended for preparation of Engineering Documentation Reports.

**Project Title:** Des Moines Riverwalk

**Project Number:** 315.1

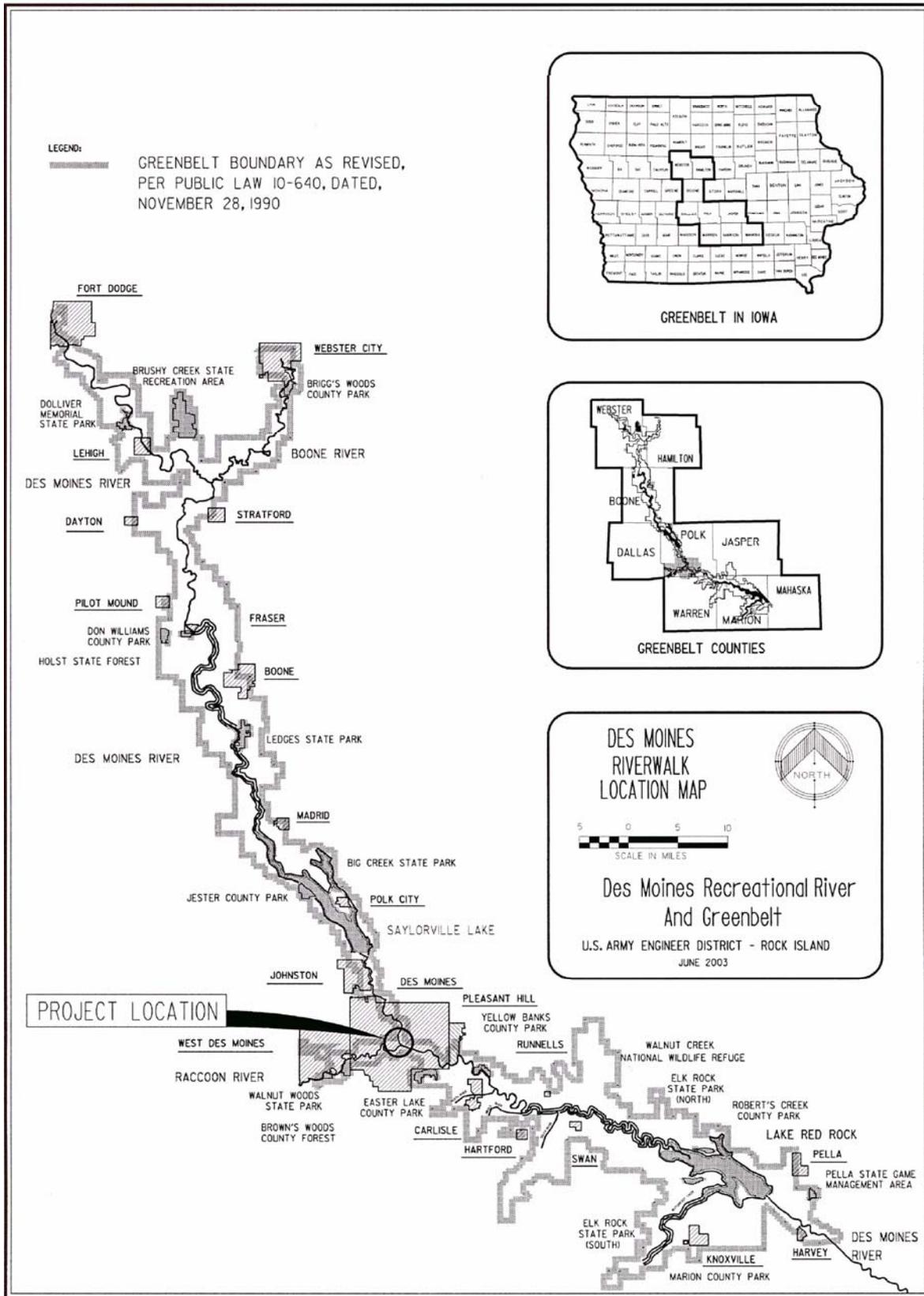
**Project Title:** Des Moines Riverwalk

**Project Purpose:** Recreation

**Local Sponsor:** City of Des Moines

**Project Location:** Des Moines, Iowa (see PLATES: Des Moines – 1 and Des Moines – 2)

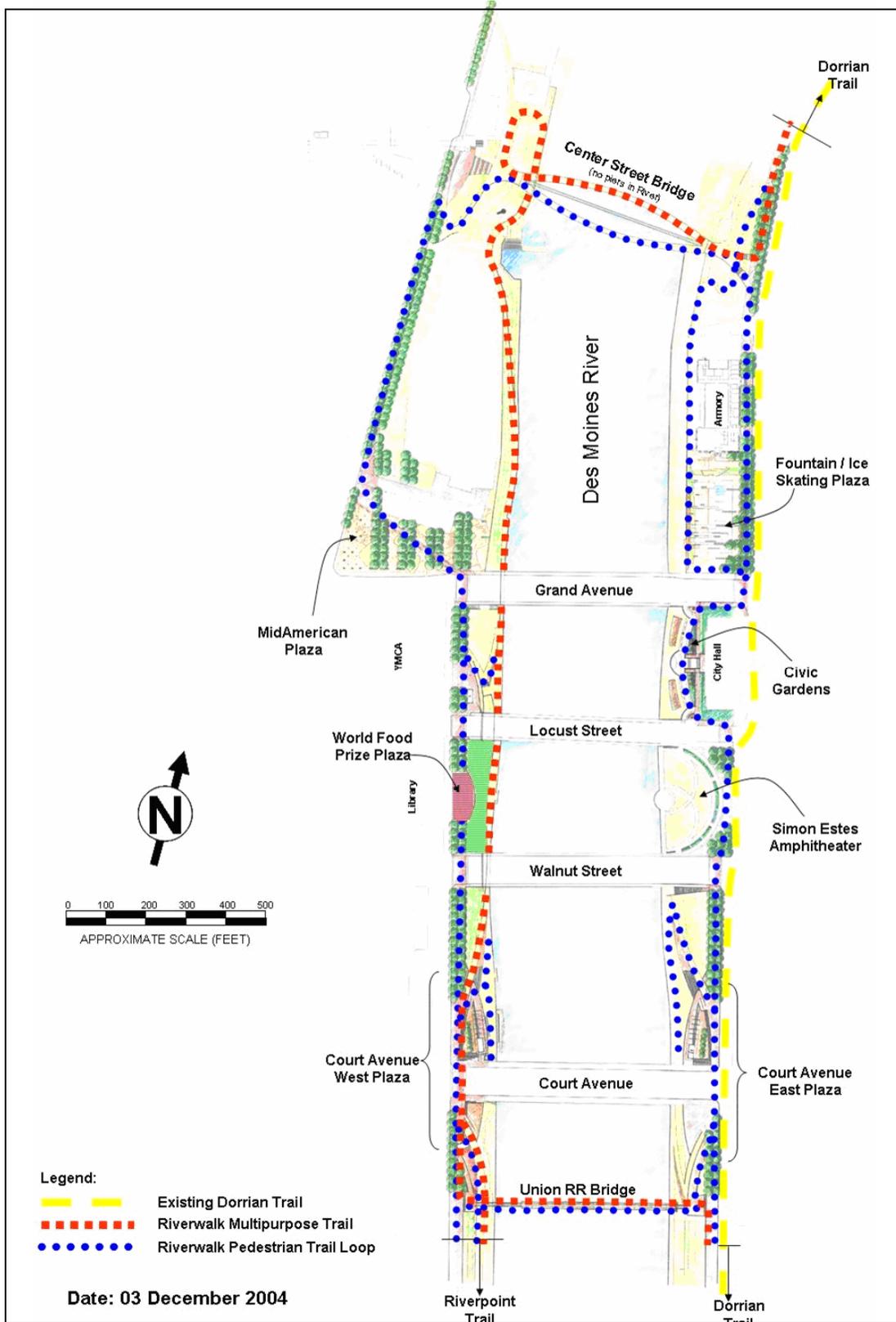
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Des Moines Riverfront

PLATE: Des Moines - 1

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Des Moines Riverfront

PLATE: Des Moines - 2

**Project Description:** The Master Plan envisions a riverfront improvement project in downtown Des Moines which includes the following features: river-spanning pedestrian bridges; a central trail-hub; parks; walking trails; open green spaces and related facilities; and, the central unifying element, a *Riverwalk loop*, consisting of 1.2 miles of shared-use path, with more than 2 additional miles of trail linkage to other trails, features, and facilities. Project features include:

- 1) Riverpoint Trail. A multi-purpose trail linking the Gray's Lake Trail system to the Des Moines Riverwalk.
- 2) Meredith Trail. A multi-purpose trail with connections to the Riverpoint Trail, creating an additional loop in the downtown area.
- 3) Union Railroad Bridge. A renovation of the abandoned Union Railroad Bridge across the Des Moines River in downtown Des Moines. This bridge would serve as the downstream Des Moines Riverwalk trail link between the west and east side trails along the Des Moines River.
- 4) Center Street Bridge. A new bridge across the Des Moines River in the vicinity of the existing Center Street Dam, which would serve as the upstream Des Moines Riverwalk link between the west and east side trails along the Des Moines River. This bridge would be a bifurcated bridge with two traffic lanes: one for pedestrian use and the other for higher-speed traffic such as cyclists, in-line skaters, runners, etc.
- 5) Court Avenue West Plaza. On either side of Court Avenue, this area will provide scenic overlooks and connections between the street level and balustrade level on the west bank of the Des Moines River. There will also be a multi-use area and public restrooms at this location.
- 6) Court Avenue East Plaza. On either side of Court Avenue, this area will provide scenic overlooks and public use areas on the east bank of the Des Moines River.
- 7) Library Plaza. This area, in front of the existing library, will be converted into street-level and balustrade-level trails, as well as a large public-use area appropriate for incorporation into large public events such as the art show.
- 8) Civic Gardens. On the Des Moines River side of City Hall, this public gardens will provide a pedestrian trail thoroughfare as well as a sloped walkway through a public garden. There will be public use areas in the gardens.
- 9) Flood Protection Improvements. Since the Des Moines Riverwalk will be aligned along what is presently the Des Moines Local Flood Protection Project, several modifications and improvements will be made, including construction of several closure structures that will improve the City's ability to react during high water events, and improved levees and floodwalls that will blend smoothly with the trail system.
- 10) Project features that directly impact the waters of the United States, specifically the Des Moines below the normal high-water mark, will be analyzed in a separate Engineering Documentation Report from the Des Moines Riverwalk EDR, in order to avoid potential delays with the Riverwalk project. Features to be considered include making the Center Street and Scott Street Dams safer, adding boat ramp or other water access facilities, and the construction of a water trail suitable for canoeists and/or kayakers to navigate the Des Moines River in the downtown area. Another possible feature may include fish passage.

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**Project Funding:** 50% Federal cost-share on approved features

**Operation, Maintenance, and Replacement Responsibility:** 100% non-Federal

**Economic Justification:** The Engineering Documentation Report will determine the justification.

**Environmental Impacts:** Undetermined at this time.

**Real Estate Requirements:** It is assumed that all lands are either City-owned or on public right-of-way.

**Itemized Cost Estimate (Revised from 2003 APMR):**

<b>Des Moines Riverwalk Itemized Cost Estimates</b>	
<b>LAND AND DAMAGES</b>	\$0
a. Pedestrian Walking Trails	\$4,558,952
b. Multipurpose Trail	\$1,899,563
c. Center Street Pedestrian Bridge	\$4,938,865
d. Court Avenue Railroad Bridge Renovation	\$1,899,563
e. Court Avenue Plazas (East and West)	\$1,899,563
f. Balustrade Repair and Restoration	\$531,878
g. Civic Gardens	\$759,825
h. Fountain/Skating Plaza (\$2,000,000 – regulations prevent Federal funding)	\$
i. River Pointe Trail (connection to Gray's Lake)	\$911,790
j. Utility Upgrades	\$607,860
<b>Construction Subtotal</b>	<b>\$17,400,000</b>
Contingencies	\$2,886,280
Planning (Engineering Documentation Report)	\$2,300,000
Engineering & Design (Plans and Specifications)	\$1,800,000
Construction Supervision & Administration	\$2,100,000
<b>TOTAL</b>	<b>\$26,486,280</b>
NOTES: 1. The estimated costs presented above, in items <b>a</b> through <b>i</b> , are taken from the <i>Phase One Budget</i> as provided to the City of Des Moines by the Principal Financial Group of Des Moines. 2. Corps of Engineers regulations prevent Federal funding of some types of features; these would have to be constructed at non-Federal expense. 3. Costs for the in stream features have not been determined	

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**Project Title:** Des Moines (Simon Estes) Amphitheater

**Project Number:** 301.2

**Project Title:** Des Moines Amphitheater

**Project Purpose:** Recreation

**Local Sponsor:** City of Des Moines

**Project Location:** Des Moines, Iowa (see PLATES: Des Moines Amphitheater –1 and Des Moines Amphitheater – 2)

**Project Description:** The Des Moines Recreational River and Greenbelt Feature Design Memorandum #8 for Downtown Amphitheater, dated August 1992, approved the construction of the Amphitheater. Construction started on December 1, 1994, and was substantially completed on November 19, 1996. The construction cost was \$1,562,384.67, and the City of Des Moines accepted operation and maintenance responsibility on January 31, 1997. Subsequently, the City of Des Moines was sued for violations under the Americans with Disabilities Act (ADA). The Des Moines City Council approved an agreement with the Department of Justice (DOJ) on January 26, 2004, to bring the Amphitheater into compliance with the ADA. The agreement called for plans and specifications to be completed by September 30, 2004, and construction to be completed by December 1, 2005. Plans and specifications have been completed, and a construction contract will be let during the second quarter of Federal Fiscal Year 2005. Construction is scheduled to be completed by the December 1, 2005 deadline.

**Project Funding:** 50% Federal cost-share

**Operation, Maintenance, and Replacement Responsibility:** 100% non-Federal

**Economic Justification:** FDM #8 identified economic justification for the project.

**Environmental Impacts:** No significant impacts. All new construction will be accomplished within the footprint of the original Amphitheater project.

**Real Estate Requirements:** All lands are either City-owned or on public right-of-way.

**Itemized Cost Estimate:**

<b>Des Moines Amphitheater Itemized Cost Estimates</b>	
<b>LAND AND DAMAGES</b>	\$
<b>PROJECT CONSTRUCTION</b>	
Ramp and lift, lighting and electrical upgrades, walkways at performance platform, with contingencies	\$300,000
Engineering & Design (Plans and Specifications)	\$237,000
Construction Supervision & Administration	\$37,000
<b>TOTAL</b>	<b>\$574,000</b>
Oct 2004 Price level	

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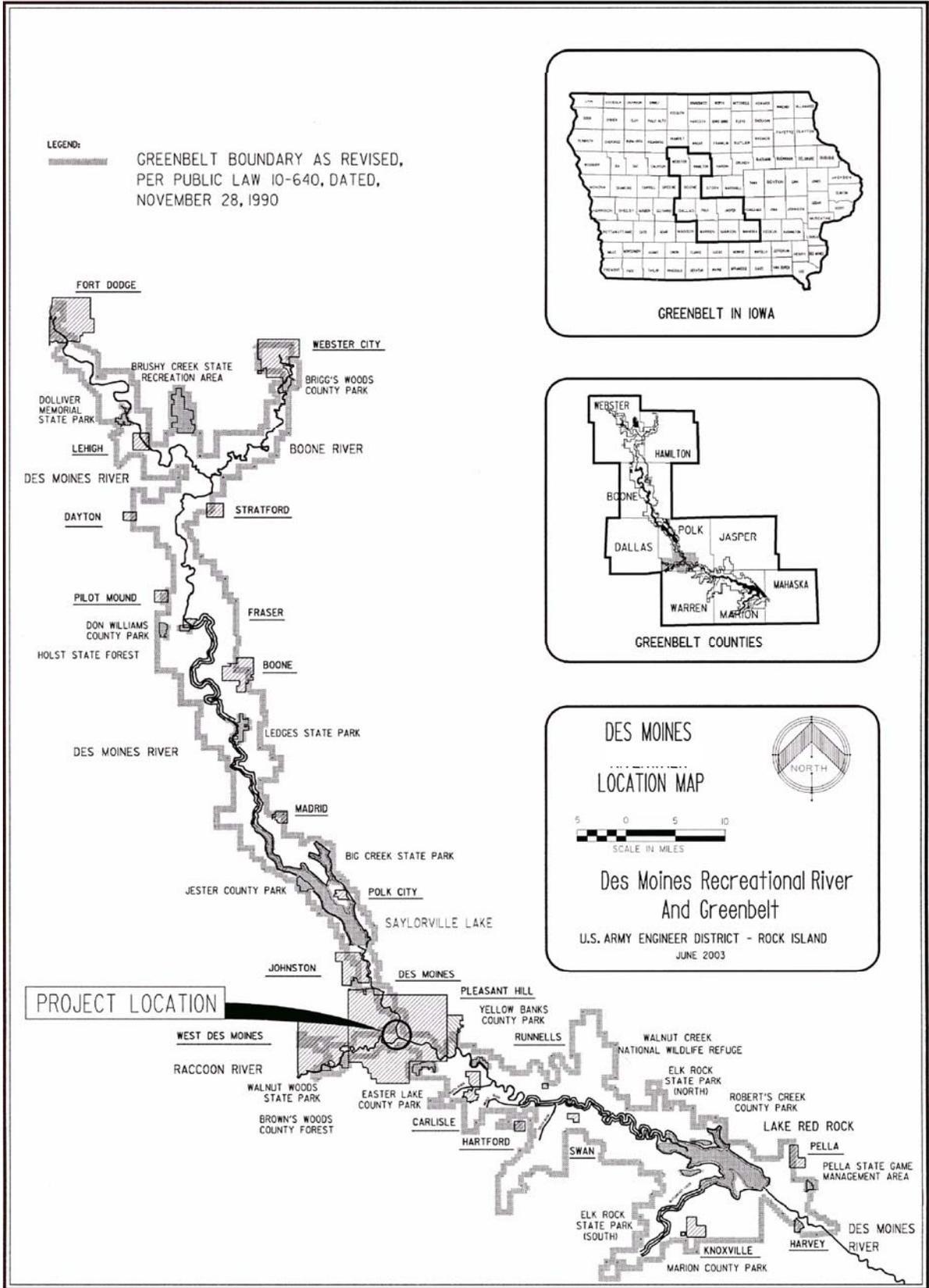


PLATE: Des Moines Amphitheater - 1

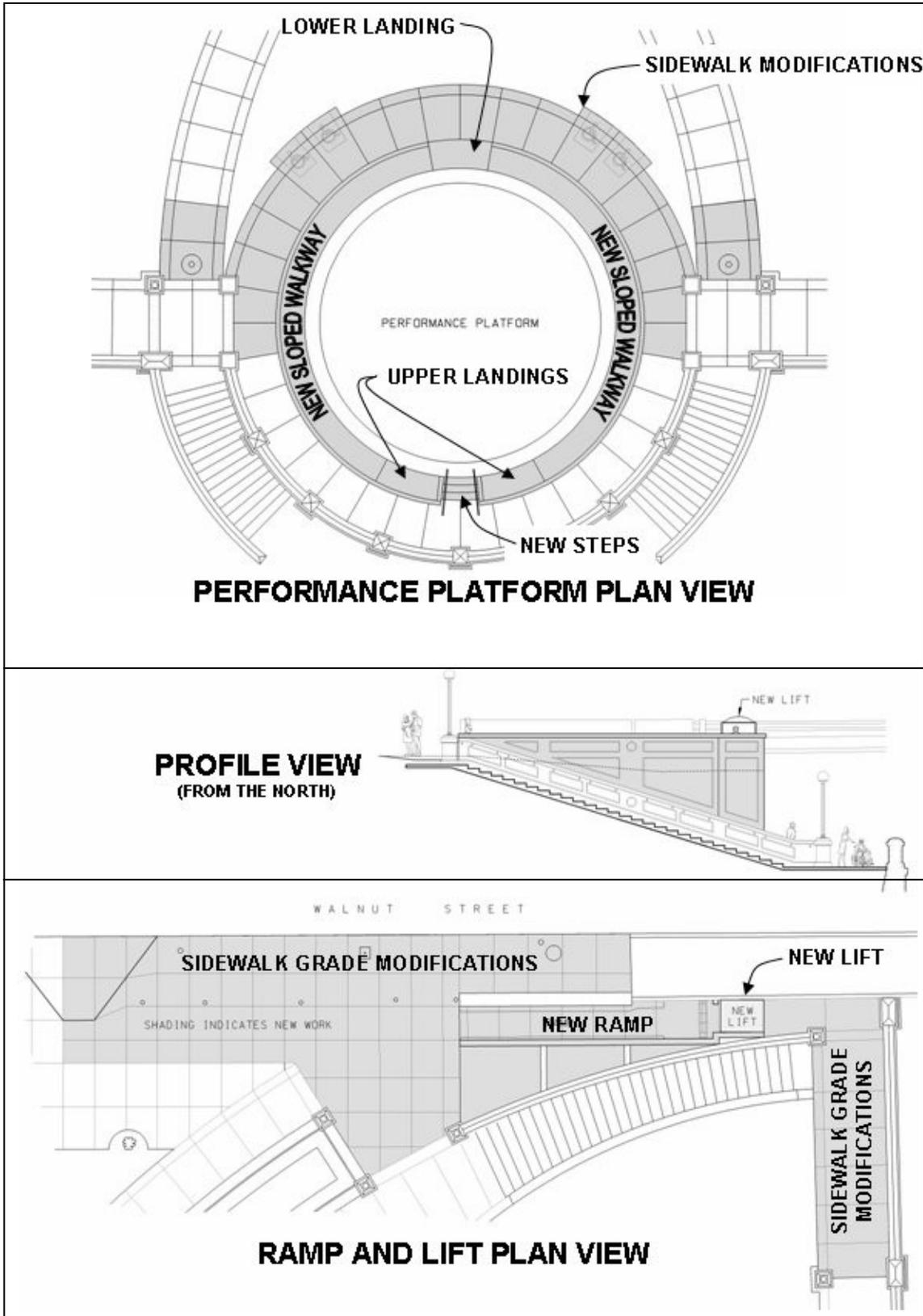


PLATE: Des Moines Amphitheater – 2

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- Project Title:** Fort Dodge Riverfront and Trails  
**Project Number:** 121.1  
**Project Title:** Fort Dodge Riverfront and Trails  
**Project Purpose:** Recreation  
**Local Sponsors:** The City of Fort Dodge and Webster County  
**Project Location:** The City of Fort Dodge and Webster County  
(see PLATES: Fort Dodge Trails – 1, 2, and 3)

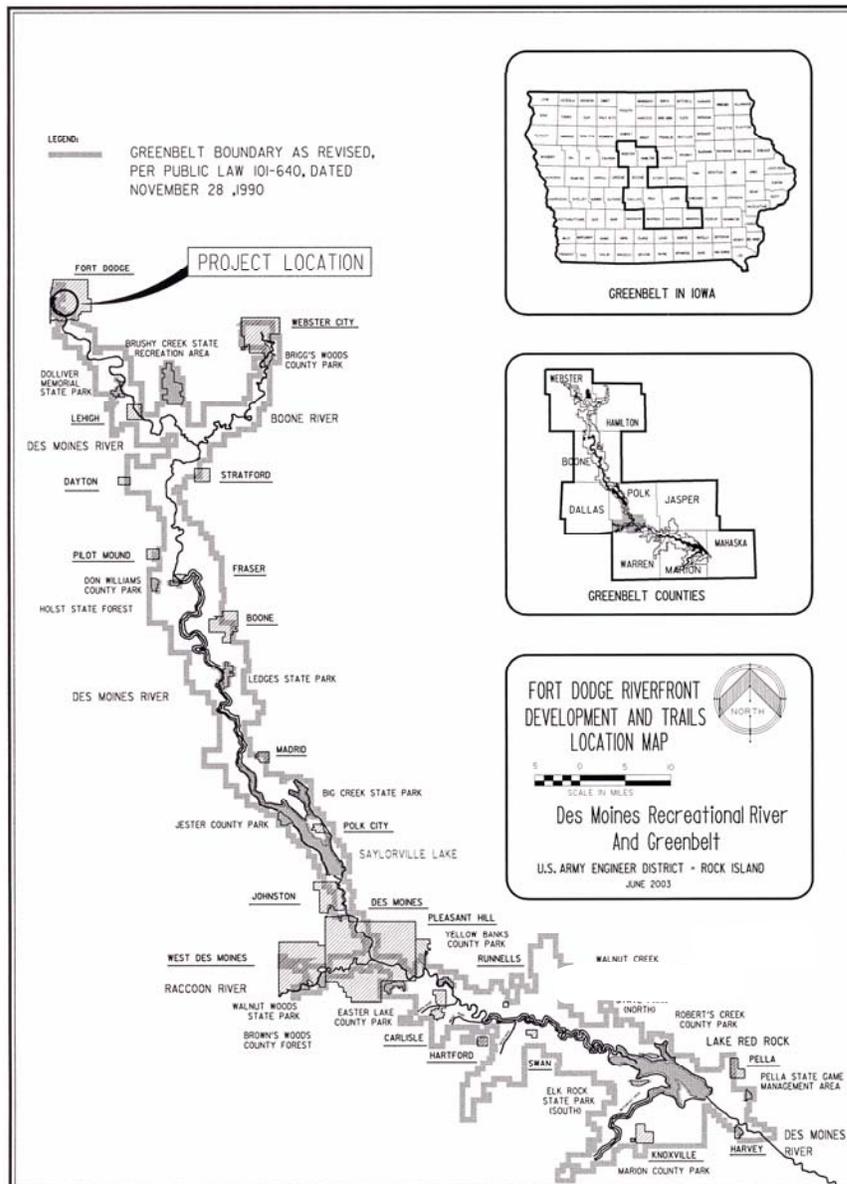


PLATE: Fort Dodge Trails - 1

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**Project Description:** The following features define this project:

**Riverfront Trails:** Approximately 2.8 miles of multi-use trails along the east and west sides of the Des Moines River connecting at the southern end to a pedestrian bridge across the Des Moines River at a location near the low dam. The east side alignment crosses a series of existing recreational facilities such as a golf course and parks and will connect to an existing trail at the northern most end of the alignment. This trail segment will generally be new construction. Current thinking is that the West side trail alignment will connect at the northern end to existing trails and proceed south through a residential neighborhood. This trail segment would be on an existing sidewalk alignment. Pavement upgrades and some utility relocation are likely to occur. The Corps will prepare preliminary concepts into other potential trail alignments along the West side of the Des Moines River for review by the City and other interested stakeholders.

**Pedestrian Bridge:** A pedestrian bridge across the Des Moines River is planned near the lower dam and will serve to complete a pedestrian trail loop through the downtown area. The Corps will prepare preliminary concepts into other potential bridge alignments for review by the City and other interested stakeholders.

**Project Funding:** Federal cost-share of 50% for recreation features

**Operation, Maintenance, and Replacement Responsibility:** 100% non-Federal

**Economic Justification:** The Engineering Documentation Report will identify economically justifiable project features.

**Environmental Impacts:** Undetermined at this time.

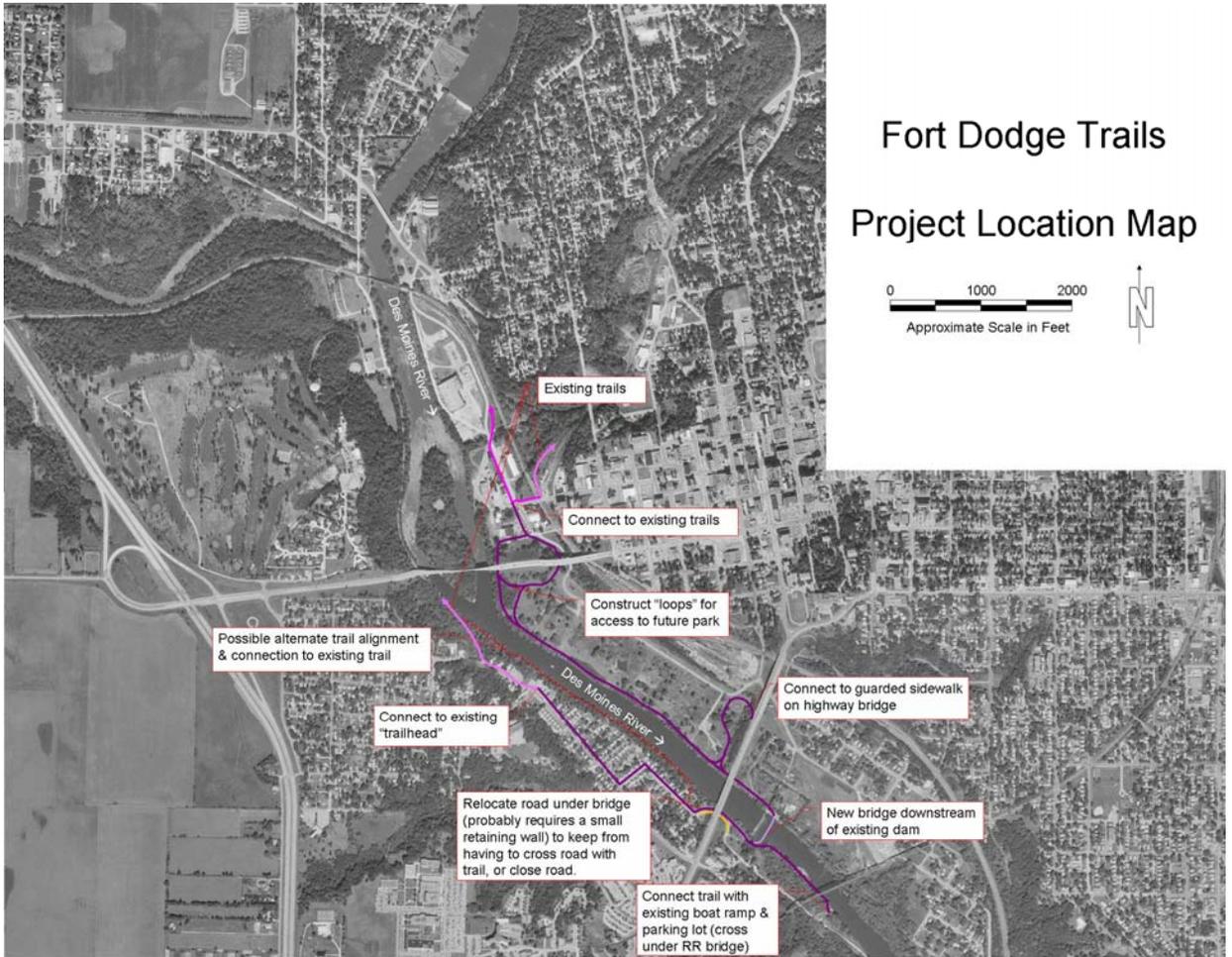
**Real Estate Requirements:** A majority of lands are owned by the local sponsors, but there are private owners along one possible trail alignment.

**Itemized Cost Estimate (Revised from 2003 APMR):**

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<b>Fort Dodge Riverfront Trails and Pedestrian Bridge Phase 1</b>	
<b>LAND AND DAMAGES</b>	\$0
<b>PROJECT CONSTRUCTION</b>	
a. Estimated Construction Cost for Trails and Bridge	\$8,510,000
b. Estimated Construction Cost for Trail and Bridge – Fort Dodge to Brushy Creek State Recreation Area (\$6,000,000 is the estimated cost. At this time, only the Fort Dodge portion is active.)	\$0
<b>Construction Subtotal</b>	<b>\$8,510,000</b>
Planning, Engineering & Design (16%)	\$1,397,000
Construction Supervision & Administration (12%)	\$1,021,200
SUBTOTAL	\$10,928,200
Contingencies (25%)	\$2,732,050
<b>TOTAL</b>	<b>\$13,660,250</b>
NOTE: Estimated costs for items <b>a</b> and <b>b</b> are provided by the sponsor, as presented in their preliminary design studies.	

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**PLATE: Fort Dodge Trails - 2**

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**TRAIL AREA C - DESCRIPTION**

**General Location:**  
From the intersection of Nelson Avenue and 260th Street proceed east on 260th Street to Dolliver Memorial State Park.

**Segment One**



**Description:**  
Proceed east 6,700' in the north R.O.W. of 260th Street. Cross ravine with pedestrian bridge. Proceed southeast 2,800' in north R.O.W. to 260th Street. Proceed east 3,800' in the north R.O.W. of 260th Street to the entrance of Dolliver Memorial State Park. End Segment One.

**Approximate Trail Length:** 13,300'

**Major Supportive Construction Items:**  
None.

**Land Acquisition:**  
None.

**TRAIL AREA D - DESCRIPTION**

**General Location:**  
From the entrance into Dolliver Memorial State Park through Lehigh to the intersection of 260th and Prospect Avenue.

**Segment One**



**Description:**  
Proceed with designated on road trail through Dolliver Memorial State Park through south park entrance to Hwy. 50. If possible, route trail along river's edge on old trail bed as far as possible. End Section One.

**Approximate Trail Length:** 14,700'

**Major Supportive Construction Items:**  
None.

**Land Acquisition:**  
None.

**Segment Two**



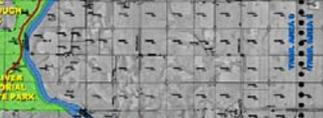
**Description:**  
Proceed east 11,100' in the north R.O.W. of Hwy. 50 to the Lehigh Bridge. Bench in 1,000' F of trail prior to entering town center. Trail to follow on street within Lehigh town center. End Segment Two.

**Approximate Trail Length:** 11,100'

**Major Supportive Construction Items:**  
1. Trail to follow high ground of R.O.W. prior to entering Lehigh.  
2. 1,000' F of retaining wall required for transition to toe of slope.  
Additional earthwork.

**Land Acquisition:**  
None.

**Segment Three**



**Description:**  
Proceed across bridge on existing sidewalk on south side of bridge. Turn north on East Hill Street. Proceed uphill north 3,600' in east R.O.W. of East Hill Street. End Segment Three.

**Approximate Trail Length:** 3,600'

**Major Supportive Construction Items:**  
1. Modification of bridge sidewalk and railing.  
2. Construct 700' of 4' high retaining wall along uphill grade at residences.  
3. Major earthwork and drainage structure on East Hill Street south side of 290th Street.

**Land Acquisition:**  
None.

*The Historic Dragon Trail  
Connection To The  
Brushy Creek State  
Recreation Area*

*Prepared In Conjunction With  
The Webster County Board of Supervisors  
and  
The Webster County Improvement Corporation*

**TRAIL AREA E - DESCRIPTION**



**Segment One**

**Description:**  
Proceed east 11,000' in south R.O.W. of 290th Street (County Road 1346) to Union Avenue. Proceed north 5,280' in the east R.O.W. of Union Avenue (County Road P73) to 270th Street. Proceed east 2,640' in south R.O.W. to entrance of Brushy Creek State Recreation Area. End Segment One.

**Approximate Trail Length:** 17,920'

**Major Supportive Construction Items:**  
None.

**Land Acquisition:**  
None.

**TRAIL AREA A - DESCRIPTION**

**General Location:**  
Highway Business 20 to Mabson Avenue via Avenue R, Latsion Avenue & 235th Street.



**Description:**  
Begin new 10' wide trail at proposed parking lot at west side fishing access area on west side of low dam. Proceed south 4100' within east R.O.W. of Latsion Avenue. Cross over to west R.O.W. Proceed south 1500' within west R.O.W. Cross over to east R.O.W. Proceed 1500' south within east R.O.W. of Latsion Avenue. Cross creek. Proceed south 3800'. Cross drainageway. Proceed 700' to private access drive at base of hill. End Segment One.

**Approximate Trail Length:** 11,200'

**Major Supportive Construction Items:**  
7,300' South Pedestrian Bridge (12' Wide x 40' Long) & Earthwork.

7,200' 7,300' South Hard In Fill

**Land Acquisition:**  
None.

**Segment Two**



**Description:**  
Proceed south 1,200' in east R.O.W. up hill. Continue south 5,280' in east R.O.W. of Latsion Avenue to 235th Street. Turn East on 235th Street. Proceed east 3,800' in north R.O.W. to bridge over abandoned railroad R.O.W. (Mabson Avenue). End Segment Two.

**Approximate Trail Length:** 10,280'

**Major Supportive Construction Items:**  
1. 600' F of 4' retaining wall along toe of embankment at Hwy. 20.  
2. At Abandoned RR R.O.W. Pedestrian Bridge (12' wide x 150' long) main span plus two 12' x 75' long jump spans.  
3. 500' F of 8' retaining wall. Bridge to private access drive.  
4. From Latsion Avenue to Abandoned RR R.O.W. Major Grading.

**Land Acquisition:**  
None.

**Alternative/Additional Trail Alignment**

**General Location (North to South):**  
From Olson Park, west on existing street then abandoned railroad right of way south to the Des Moines River. Cross river with new pedestrian bridge. Continuing south primarily on abandoned railroad right of way under Highway 20 to Nelson Avenue.

**Description:**  
From Olson Park proceed east approx. 4,000' in north R.O.W. of 15th Avenue. Cross street into abandoned railroad R.O.W. Proceed south 11,900' within the abandoned right-of-way to the river. Cross river on new 250' pedestrian bridge. Continue south 6,100' to Highway 20. Proceed south 2,100' on old highway 20 roadbed to Nelson Avenue.

**Approximate Trail Length:** 21,350'

**Major Supportive Construction Items:**  
250' Pedestrian Bridge across Des Moines River

**Land Acquisition:**  
Approximately 4 miles of abandoned railroad right of way now in private ownership.

**TRAIL AREA B - DESCRIPTION**

**General Location:**  
From Abandoned RR R.O.W. (Madsen Avenue) to the Intersection of Nelson Avenue and 260th Street.



**Description:**  
From abandoned RR R.O.W., proceed east 7800' on 235th Street in north R.O.W. Cross over 235th Street to southeast. Proceed southeast 600' in Hwy. 20 R.O.W. on east side of access road. Proceed east a distance of 500'. Proceed south 200' across deep structure embankment. Proceed east 500' between drainage ditch and bottom of highway embankment to under Hwy. 20 bridge centerline. End Segment One.

**Approximate Trail Length:** 9,600'

**Major Supportive Construction Items:**  
300' F of 4' retaining wall along toe of embankment at Hwy. 20

**Land Acquisition:**  
None.

**Segment Two**



**Description:**  
Proceed south 1,500' from Hwy. 20 bridge along old Hwy. 20 roadbed. Proceed south 2,000' in east R.O.W. of Nelson Avenue to Mining Blvd. Construct trail loop parking area between Nelson Ave. and river edge on Mining Blvd. Proceed south 1,300' in the east R.O.W. of Nelson Avenue to quarryhill. Continue south 400' on timber deck trail structure. Continue south/southeast 2,500' in east/north R.O.W. of Nelson Avenue to Kalo. End Segment Two.

**Approximate Trail Length:** 8,100'

**Major Supportive Construction Items:**  
1. Timber deck trail structure behind existing roadway guard rail along Nelson Avenue. Approximately 400' in length.  
2. 300' F of 4' retaining wall along toe of embankment at Hwy. 20

**Land Acquisition:**  
Old Hwy. 20 road bed south of Hwy. 20 (5200') or entire area (2 parcels) of approx. 45.21 acres.

**Segment Three**



**Description:**  
Proceed east across intersection. Proceed south uphill 3,300' in the east R.O.W. of Nelson Avenue to 250th Street. Retaining walls required. Proceed east 1,250' in the south R.O.W. of 250th Street. Proceed south 1,150' in the east R.O.W. of the gravel road to the intersection of Nelson Avenue. Continue south in the east R.O.W. of Nelson Avenue to 260th Street. End Segment Three.

**Approximate Trail Length:** 5,700'

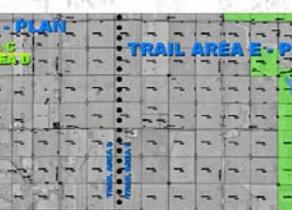
**Major Supportive Construction Items:**  
1. 800' F of 4' retaining wall. Additional earthwork.

**Land Acquisition:**  
None.

**TRAIL AREA C - PLAN**



**TRAIL AREA A - PLAN**



*Before and After Images of the Historic Dragon Trail*



PLATE: Fort Dodge Trails – 3

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**Project Title:** Cordova Center on the Rock

**Project Number:** 415.1

**Project Purpose:** Recreation

**Local Sponsors:** Marion County Conservation Board and Iowa Department of Natural Resources

**Project Location:** Des Moines River, Iowa, Marion County, Lake Red Rock (see PLATES: Cordova Center on the Rock 1 and 2)

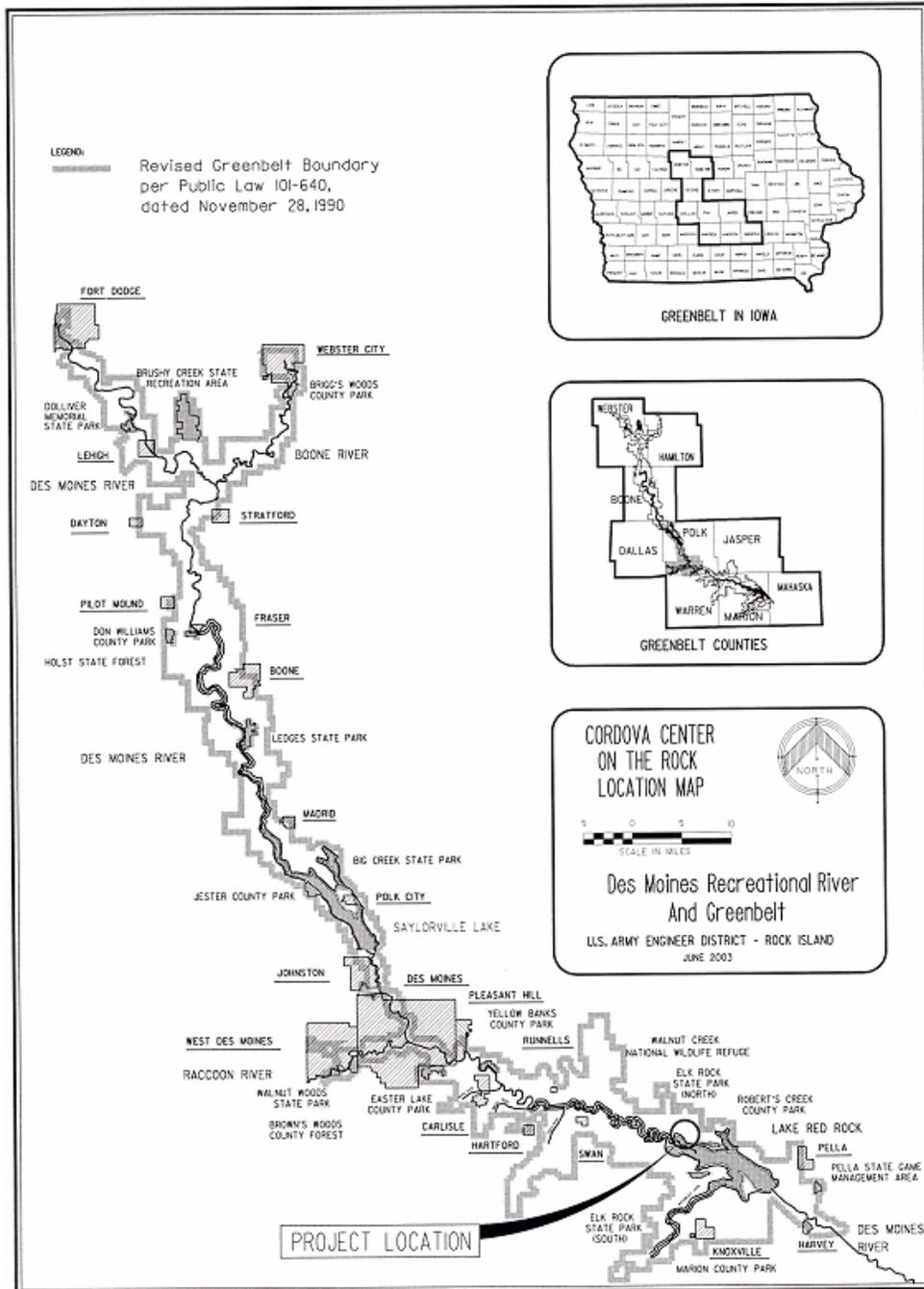


PLATE: Cordova Center on the Rock - 1

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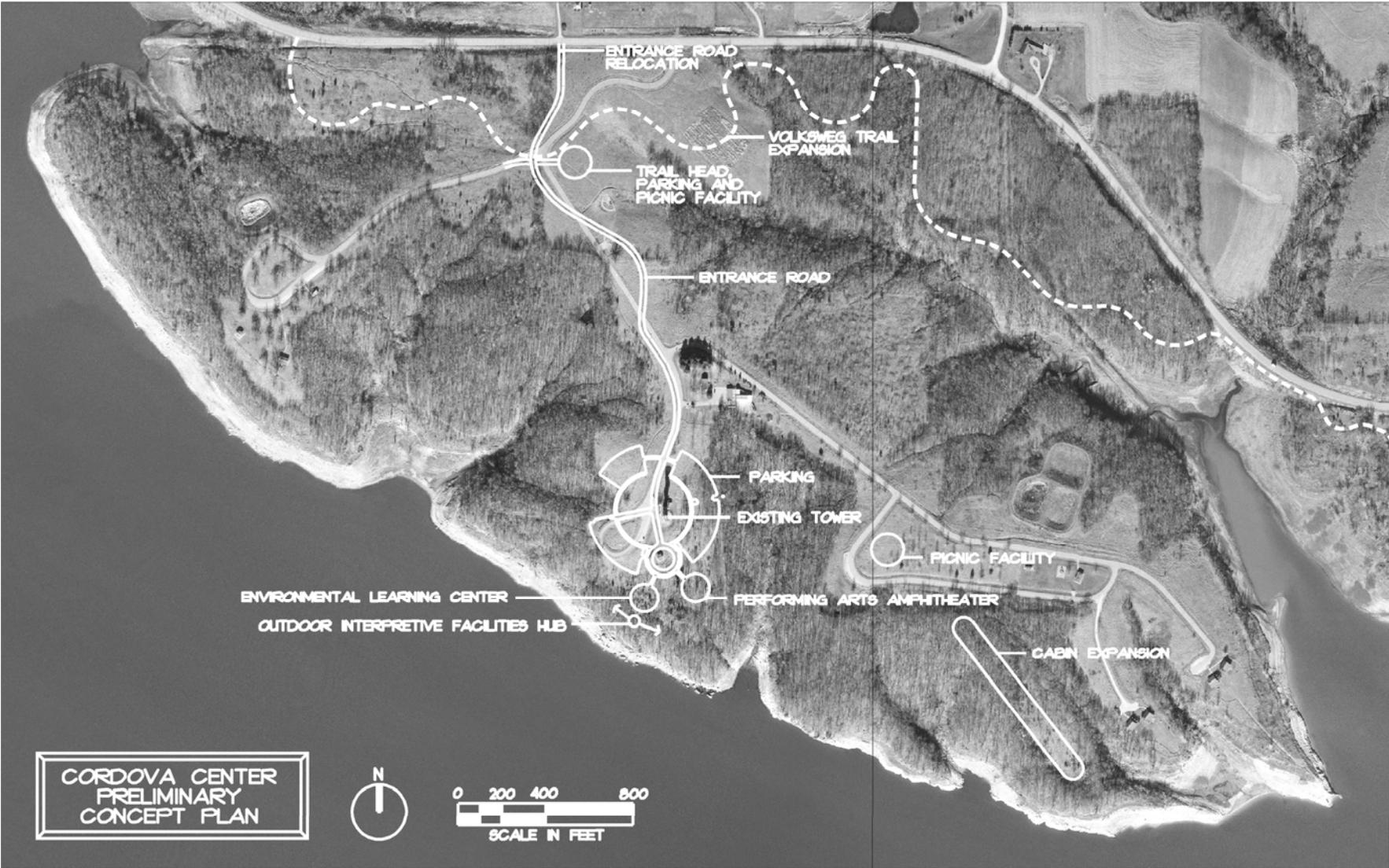


PLATE: Cordova Center on the Rock - 2

**Project Description:** The Cordova Center on the Rock (the Project) is proposed for development on the bluffs overlooking Lake Red Rock, in Cordova Park, Marion County, Iowa. Lake Red Rock is Iowa's largest lake and is three miles from the City of Pella. The project is to be a major resource-based cooperative center and regional destination that will provide environmental learning experiences and enhance the quality of life for both visitors and residents. The project's primary goal is to educate the public on environmental stewardship, and build support for conservation of Iowa's land and water resources. The central theme will be one of relationships between human need and natural resources at Lake Red Rock and within the Des Moines River Watershed. The project will provide a wide array of educational programs for individuals from various age groups and perspectives. The *Cordova Center on the Rock* is a partnership project, involving the Marion County Conservation Board, the Iowa Department of Natural Resources, the US Army Corps of Engineers, and Central College.

Based on preliminary planning, an annotated list of major project components follows. All facilities contained within this project will be American with Disabilities Act (ADA) compliant. All components and exhibitry are to be designed cooperatively and concurrently, so as to insure an integrated, synergistic result. A schematic site plan (Figure 1) anticipates the general location of project components.

**(1) Environmental Learning Center.** This project component involves planning and design of the Building, estimated at approximately 30,000 square feet, located on a sandstone bluff overlooking Lake Red Rock, with an exterior that compliments the aesthetic of the surrounding natural environment. Current thinking estimates the need for interpretive exhibit space of 12,000 square feet that includes interpretive exhibits and indoor auditorium. It is important that the exhibitry be high quality, highly interactive, and of sufficient depth of content so as to appeal to repeat visitors. The Center will be cooperatively managed, by the four partners mentioned above. An L.E.E.D. certification level of Gold is desired for the Center. Geothermal heating and cooling is also desired. Specific spatial requirements are as follows.

- Lobby
- Interpretive Exhibits
- Reception Area
- Indoor Auditorium
- Environmental Resource Library
- Cooperative Sales Area/Gift Shop
- Environmental Arts and Crafts Room
- Restaurant
- Storage
- Kitchen
- Office Space
- Meeting Rooms
- Public Restrooms
- Indoor Classrooms/Wet Labs

**(2) Performing Arts Amphitheater.** This project component involves planning and design of a performing arts amphitheater patterned after the Wolf Trap model -- connecting people, nature and arts -- the Performing Arts Amphitheater will provide diversified arts experiences, ranging from Latin jazz to live theater. This will be a multi-use facility with an emphasis on the performing arts and environmental programming. It is to be located adjacent to the Environmental Learning Center

(ELC) and designed to compliment the aesthetic of both the ELC and the surrounding natural environment. Following are additional criteria: proposed fixed seating for 350 people, with additional lawn seating; dressing rooms, etc.; access control, for ticketed performances; sheltered stage area, with an adaptable (i.e. removable) roof; truck-accessible loading/staging area; lighting and sound systems.

- (3) Outdoor Interpretive Facilities.** This project component involves planning and design of outdoor interpretive areas and provides updated park signage. Examples include the following: an interpretive trail through oak savanna habitat; upgrades to existing woodland trails; interpretive “backyard habitats” that demonstrate environmental plantings; and an expansion of an existing butterfly garden.
- (4) Cabin Expansion.** This project component involves site planning and design for the future development of seven modern rental cabins. Construction of the three bedroom cabins will utilize existing plans. Following are additional criteria: vehicular access and parking; utility service; geothermal heating and cooling; minimize disturbance to the environment.
- (5) Picnic Facility Modernization.** This project component involves planning and design for three types of new picnic facilities, intended to serve school groups, social gatherings or corporate events: one large shelter (capacity up to 150 people); one medium shelter (capacity up to 75 people); and several single-table sites, with concrete pads and cooking grills.
- (6) Entrance Road Relocation.** This project component involves planning and design for the replacement of Cordova Park’s existing entrance road. The new road will provide access to and between all project components and will be realigned to provide a safer, more interesting, and more site-sensitive visitor experience. The new road will be approximately one-half mile in length. Turning lanes off of County Highway G28 will be planned and designed as needed.
- (7) Trail Extension and Trailhead.** This project component involves planning and design for approximately one to two miles of new paved bike trail (shared-use path) and a trail head that will include parking (approximately 20 vehicles), one large picnic shelter (mentioned above), rest rooms, and other amenities.
- (8) Parking & Utilities.** This project component involves planning and design for parking and utilities. Parking criteria includes: size and location of lots that are appropriately sized for developed facilities; auto and bus drop-off; and bus parking. Utility supply and distribution issues include gas; water; electric and communication lines; and sewer – the existing sewage lagoon is to be evaluated for utilization potential, in light of new facilities and loads.

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**Project Funding:** 100% Federal (of eligible facilities)

**Operation, Maintenance, and Replacement Responsibility:** 100% Federal

**Economic Justification:** This determination will require detailed study as part of the EDR.

**Environmental Impacts:** No major impacts anticipated.

**Real Estate Requirements:** Located entirely on Federal land that is managed by the Marion County Conservation Board.

**Itemized Cost Estimate:**

<b>Red Rock Cordova Park Itemized Cost Estimates</b>	
<b>LAND AND DAMAGES</b>	\$ -
<b>PROJECT CONSTRUCTION</b>	
a. Environmental Learning Center *	\$ 9,200,000
b. Volksweg Trail Expansion - Segment 5 to Highway 14	\$ 5,700,000
c. Performing Arts Amphitheater	\$ 2,910,000
d. Outdoor Interpretive Facilities *	\$ 970,000
e. Cabin Expansion *	\$ 1,650,000
f. Picnic Facility Modernization	\$ 490,000
g. Entrance Road Relocation and Parking	\$ 1,930,000
<b>Construction Subtotal</b>	<b>\$ 22,850,000</b>
Planning, Engineering & Design	\$ 5,500,000
Construction Supervision & Administration	\$ 2,300,000
<b>Total</b>	<b>\$ 30,650,000</b>
* Some features of this component to be determined in the EDR, may have to be	
Note: Construction costs include contingencies	
Oct 2004 price levels	

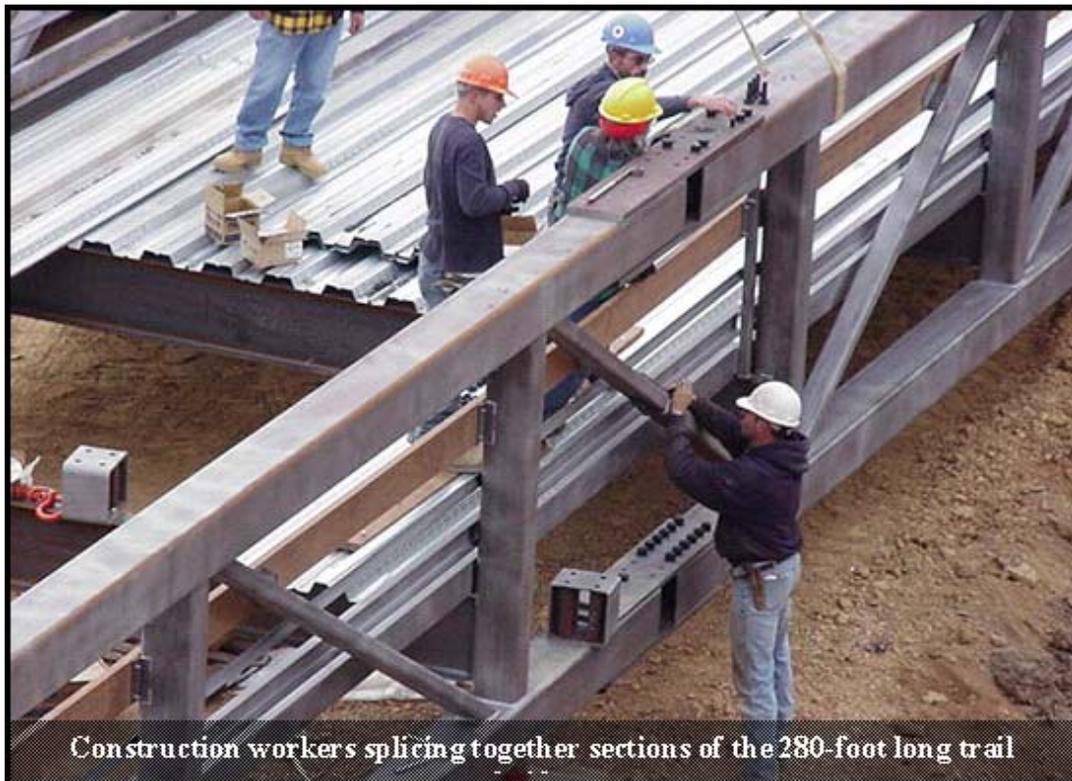
**Project Title: Lake Red Rock, Multi-Purpose Trail – Segment 4B**

**Project Number:** 802.1

**Project Purpose:** Recreation

**Project Location:** Des Moines River, Iowa, Marion County, Lake Red Rock (see PLATE: Lake Red Rock Trail Segment 4B – 1)

**Project Description:** The Segment 4B Multi-Purpose Trail will add four-miles of asphalt trail that is 10-foot wide to the north side of Lake Red Rock. It will extend the existing 13-mile Volksweg Trail from its current staging point at Fifield Recreation Area to Cordova Center on the Rock. This segment of trail will connect 4 existing recreation areas into the overall trail system. It will also provide future opportunities to run spurs over and into 2 adjacent recreation areas along with potential access to residential neighborhoods and private camps. Major features within this segment include a 280-foot long bridge and 4,546 linear feet of segmental block retaining walls. Users of the trail will experience scenic views of Lake Red Rock, mature forests, restored prairies, pine plantations and access to the many recreation opportunities. Master planning for the overall trail system includes this segment as being a section of a trail that will run from Pella, Iowa up to Des Moines, Iowa. Master planning also will have the trail system connecting into the Neil Smith National Wildlife Refuge Prairie Learning Center. This project was previously approved in Feature Design Memorandum #8. See attached PLATE: Lake Red Rock Trail Segment 4B-1)



Construction workers splicing together sections of the 280-foot long trail

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**Project Funding:** 100% Federal

**Operation, Maintenance, and Replacement Responsibility:** 100% Federal

**Itemized Cost Estimate:**

<b>Lake Red Rock Multi-Purpose Trail Segment 4B</b>	
LAND AND DAMAGES	\$ -
<b>PROJECT CONSTRUCTION</b>	
a. Bridge	\$ 640,000
b. Trail - Stage 1	\$ 3,670,000
c. Trail - Stage 2	\$ 1,870,000
d. Modifications to Segment 4A	\$ 455,000
<b>Subtotal</b>	<b>\$ 6,635,000</b>
	E&D (15%) \$ 995,250
	S&A (10%) \$ 663,500
<b>Total</b>	<b>\$ 8,293,750</b>
Note: Costs include contingencies	

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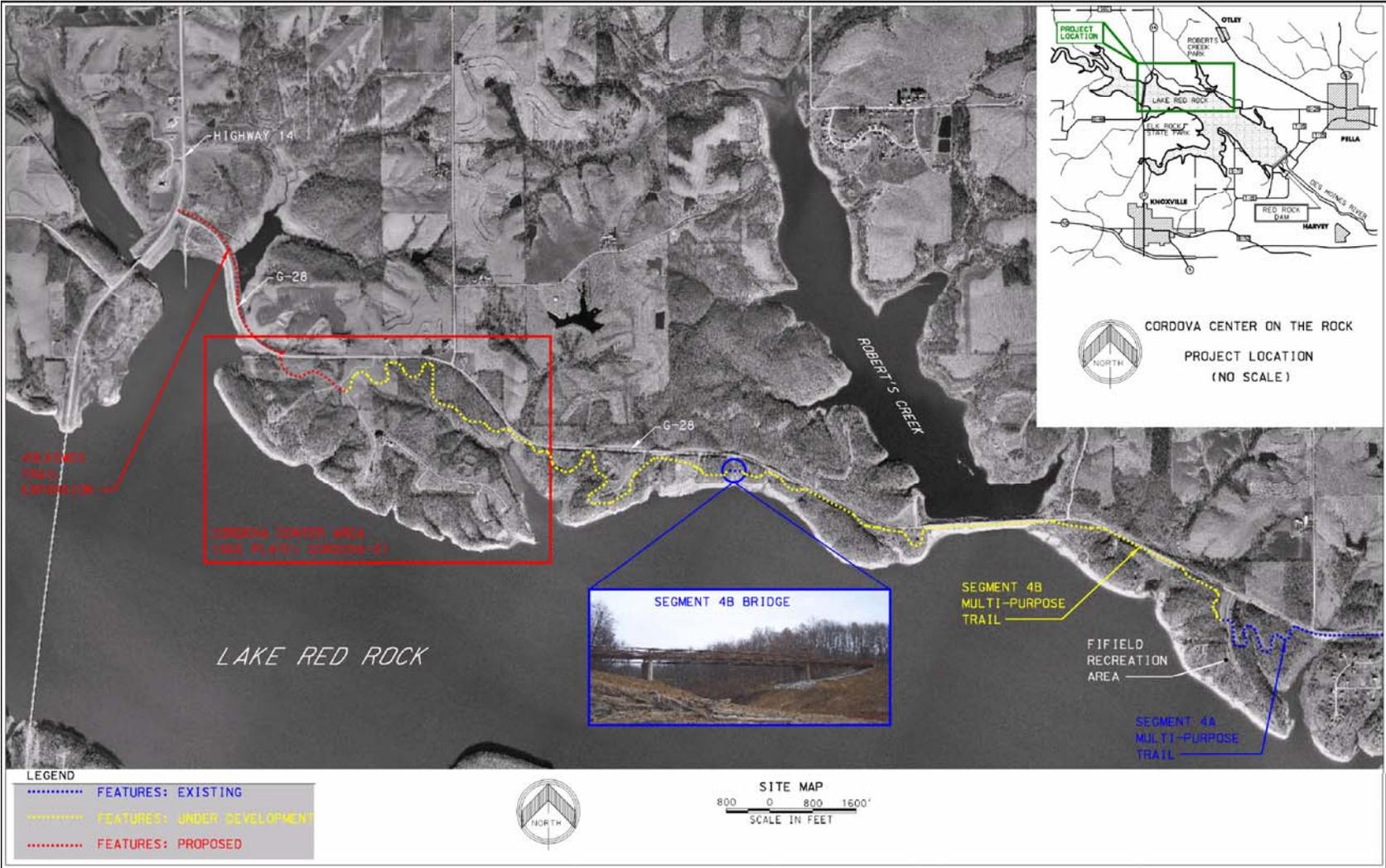


PLATE: Lake Red Rock Trail Segment 4B - 1

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**APPENDIX C**

**ADDITIONAL INFORMATION**

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## ACRONYMS

APMR - Annual Program Management Report  
EDR - Engineering Documentation Report  
FDM - Feature Design Memorandums  
GDM - General Design Memorandum  
IDNR - Iowa Department of Natural Resources  
LOA - Letters of Assurance  
REC - Recreation

## **SUMMARY OF PREVIOUS APMRs**

The General Design Memorandum (GDM) and Programmatic Environmental Impact Statement for the Des Moines Recreational River and Greenbelt were approved on August 1, 1988. The GDM included a recommendation to increase the Federal construction cost estimate, prepare Feature Design Memorandums (FDMs) for nine projects, and submit annual reports that will include an update of the master plan.

The 1989 Annual Program Management Report (APMR) was the first yearly report prepared for the project. The Advisory Committee recommended and the Corps of Engineers approved the addition of 15 projects to the master plan, the preparation of FDMs for 11 projects, and the deletion of 2 projects that proceeded to construction by local interests. The 1989 APMR was approved on October 2, 1989.

In the 1990 APMR, the Advisory Committee recommended and the Corps of Engineers approved the addition of five projects to the master plan, the preparation of FDMs for three potentially cost-shared projects, and the deletion of one project, which will be constructed by the local sponsor. The 1990 APMR was approved on February 27, 1991.

In the 1991 APMR, the Advisory Committee recommended the addition of five potentially cost-shared projects to the master plan (the report recommended the addition of four of the five), the preparation of an FDM for one potentially cost-shared project, the combination of two potentially cost-shared projects—which were previously approved for FDM preparation—into one project, and the deletion of four projects from the list of 11 projects approved for preparation of FDMs in the 1989 APMR. These four projects were subtracted from the master list of potentially cost-shared projects and added to the list of 100% non-Federal projects. The 1991 APMR was approved on January 27, 1992.

In the 1992 APMR, the Advisory Committee recommended and the Corps of Engineers approved the addition of one potentially 100 percent Federal project and one potentially cost-shared project to the master plan list of projects, the preparation of an FDM for one potentially 100 percent Federal project and four potentially cost-shared projects, and the deletion of six projects from the list of 11 projects approved for preparation of FDMs in the 1989 APMR. These six projects will be subtracted from the master list of potentially cost-shared projects and be added to the list of potentially 100 percent non-Federal projects. The 1992 APMR was approved on December 21, 1993.

In the 1993 APMR, the Advisory Committee recommended and the Corps of Engineers approved the addition of two potentially cost-shared projects to the master list of projects. The 1993 APMR was approved on January 20, 1994.

In the 1994 APMR, the Advisory Committee recommended the preparation of an FDM for one potentially cost-shared project. The 1994 APMR was approved in 1995.

Due to the reduction in funding, no APMRs were prepared from 1995 to 2003. In 2003, the Advisory Committee recommended the preparation of Engineering Documentation Reports (EDRs, previously known as Feature Design Memorandums) for three projects: Cordova on the Rock, Des Moines Riverfront, and Fort Dodge Riverfront Development and Trails.

In the 2004 APMR, the Advisory Committee recommended the following:

- Annual Program Management Report. The 2003 APMR was approved in October 2003.
- Design Agreement. The Corps of Engineers received approval on the Greenbelt model Design Agreement from the Assistant Secretary of the Army (Civil Works) in December 2003. The Greenbelt model Design Agreement incorporates the crediting language that was part of the FY 2003 Appropriations Act.

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- **Fort Dodge Riverfront.** The Corps of Engineers is preparing a Design Agreement and Project Management Plan with the City of Fort Dodge for the Riverfront Development and Trails project. It is anticipated that the Design Agreement between the Corps of Engineers and the City of Fort Dodge will be signed in April 2004.
- **Des Moines Riverwalk.** The Corps of Engineers is preparing a Design Agreement and Project Management Plan with the City of Des Moines for the Des Moines Riverwalk project. It is anticipated that the Design Agreement between the Corps of Engineers and the City of Des Moines will be signed in March 2004.
- **Cordova Park.** The Corps of Engineers has initiated the Cordova Park EDR. The Corps is currently developing the Scope of Work to contract with a qualified Architect/Engineering firm with experience in interpretive facilities to develop a master plan.
- **Red Rock IVB Trail.** The Corps of Engineers is completing Plans and Specifications for the Red Rock Multi-Purpose Trail Stage IVB. Depending on funding, construction work may begin as early as the summer of 2004.
- **Removals to the Master List of Projects.** The Advisory Committee recommends that 26 projects be removed from the Master List of Projects. The detailed list of projects to be removed is located in Section 3, subsection A-4, of the 2004 Annual Program Management Report (see Appendix A of this report for the Master List of Projects). The total number of possible projects was reduced from 136 to 110, 14 of which have been completed.
- **Federal Implementation and Funding.** The Advisory Committee recommends implementing the Greenbelt project and distributing available funding as described as follows:

<b>Date</b>	<b>Federal Allocation (\$)</b>
September 1985	15,000
October 1985	85,000
January 1986	50,000
May 1986	30,000
July 1986	5,000
August 1986	68,000
October 1986	336,000
July 1987	35,000
February 1988	240,000
October 1988	280,000
September 1989	200,000
October 1989	249,000
March 1990	1,553,000
December 1990	550,000
October 1991	750,000
November 1992	2,500,000
December 1993	2,700,000
October 1994	4,000,000
March 2000	25,000
March 2003	815,000
January 2004	2,486,000
January 2005	3,109,000
<b>TOTAL</b>	<b>20,081,000</b>

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Table 1 through Table 5 on the following pages provide summaries of letters of assurance, Feature Design Memorandums and Engineering Documentation Reports, and cost-sharing information.

**Table 1.** Letters of Assurance for the Overall Greenbelt Program

<b>Local Sponsor</b>	<b>Date of LOA</b>
Polk County	October 28, 1985
City of Johnston	November 11, 1985
City of Fort Dodge	December 5, 1985
Iowa Dept. of Natural Resources	December 6, 1985
Town of Swan	December 7, 1985
Marion County	December 16, 1985
Jasper County	December 16, 1985
Boone County	December 18, 1985
Webster County	January 14, 1986
Town of Lehigh	March 13, 1986
City of Des Moines	April 7, 1986
City of Polk City	March 12, 1987
City of Dayton	May 20, 1987
City of West Des Moines	May 28, 1987
Hamilton County	September 1, 1987
City of Stratford	January 12, 1988

**Table 2.** Specific Letters of Assurance from the 1987 General Design Memorandum (GDM)

<b>Local Sponsor</b>	<b>Project</b>	<b>Date</b>
Iowa DNR	Bennington Bridge Boat Ramp	December 6, 1985
Polk County	Jester Park Campground	March 2, 1988
West Des Moines	Raccoon River Sports Complex	March 25, 1988
Des Moines	Lutheran Hospital Trail	May 20, 1988
Marion County	Dragoon Trail	August 19, 1988
Webster County	Dragoon Trail	September 6, 1988
Boone County	Dragoon Trail	September 28, 1988
Hamilton County	Dragoon Trail	December 12, 1988
Polk County	Dragoon Trail	December 15, 1988
Des Moines	Dragoon Trail	January 23, 1989
Des Moines	Botanical Center Park	March 5, 1990

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**Table 3.** Specific Letters of Assurance from Annual Program Management Reports (APMRs)

<b>APMR</b>	<b>Local Sponsor</b>	<b>Project</b>	<b>Date of LOA</b>
1989	Johnston	Johnston Trails	March 29, 1989
1989	Hamilton County	Stringtown Overlook	October 10, 1989
1990	Des Moines	Downtown Plaza/Amphitheater	October 17, 1989
1990	Johnston	Johnston Access	October 18, 1991
1990	Des Moines	Raccoon River Trail Segment	December 10, 1991
1991	Polk City	Multi-Purpose Trail, Polk City to Big Creek	November 23, 1992
1992	Webster City/Hamilton County	Multi-Purpose Trail, Webster City to Briggs Woods	November 16, 1992 October 13, 1992
1992	Webster County	Multi-Purpose Trail, Dayton to Stratford	October 28, 1992
1992	Marion County	Multi-Purpose Trail, Knoxville Segment	Requested
1992	Des Moines	Riverview Nature Park	October 26, 1992
1994	Iowa Department of Natural Resources	Multi-Purpose Trail, Walnut Creek Natural Wildlife Refuge to Lake Red Rock	Requested
2003	Des Moines	Des Moines Riverwalk	August 25, 2003
2003	Fort Dodge/Webster County	Fort Dodge Riverfront Development and Trails	September 10, 2003

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<b>Table 4.</b> Tally of Feature Design Memorandums and Engineering Documentation Reports (FDMs and EDRs)				
<b>Approved for Preparation</b>	<b>No.<sup>1</sup></b>	<b>Title</b>	<b>Date</b>	<b>Status</b>
Pre-GDM	1	Bennington Bridge Boat Ramp (FDM)	May 1986	Approved by NCD <sup>2</sup> in Jun 86
GDM	2	Jester Park Campground Improvements (FDM)	Revised Feb 89	Approved by NCD on 2 Jun 89
GDM		Greenbelt Trail System – Red Rock (North Shoreline) (FDM)		Comprised of the following 4 FDMs
	3	Multi-Purpose Trail, Segment 1 (FDM)	May 1989	Approved by NCD on 21 Jul 89
	6	Multi-Purpose Trail, Red Rock Segment II (FDM)	Mar 1991	Approved by NCD on 26 Apr 91
	9	Multi-Purpose Trail, Red Rock Segment III (FDM)	May 1993	FDM approved by NCD in Aug 93
	10	Multi-Purpose Trail, Red Rock Segment IV (FDM)		Approved by NCD on 22 Mar 1995
GDM	4	Lutheran Hospital Bicycle Trail Segment (FDM)	Mar 1990	Approved by NCD on 31 Jul 90
GDM	5	Dragoon Trail Scenic Road Route (FDM)	Revised Oct 91	Approved by NCD on 22 Jan 91
GDM	11	Botanical Center Riverfront Park (FDM)		FDM work on hold for Greenbelt funding
GDM	13	Raccoon River Regional Park (FDM)		FDM work on hold for Greenbelt funding
GDM		Boone Waterworks Boat Ramp (FDM)		Deleted by 1989 APMR
GDM		Upper Saylorville Boat Ramp (FDM)		Deleted by 1989 APMR
GDM		Johnston Nursery (FDM)		Deleted by 1990 APMR
1989 APMR	7	Stringtown Overlook (FDM)	Cancelled	Changed to 100% Non-Federal by 1992 APMR
1989 APMR		Bellville Overlook (FDM)		Changed to 100% Non-Federal by 1992 APMR
1989 APMR		Boone Forks Overlook (FDM)		Changed to 100% Non-Federal by 1992 APMR
1989 APMR		Reveiz Overlook (FDM)		Changed to 100% Non-Federal by 1992 APMR
1989 APMR		Tunnel Mill Overlook (FDM)		Changed to 100% Non-Federal by 1992 APMR
1989 APMR		Bever Bridge Canoe Access (FDM)		Changed to 100% Non-Federal by 1991 APMR
1989 APMR		Carlson County Rec Area Improvements (FDM)		Changed to 100% Non-Federal by 1991 APMR
1989 APMR		Multi-Purpose Trail, Little Dam Access (FDM)		Changed to 100% Non-Federal by 1991 APMR

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**Table 4.** Tally of Feature Design Memorandums and Engineering Documentation Reports (FDMs and EDRs)

Approved for Preparation	No. <sup>1</sup>	Title	Date	Status
1989 APMR		Multi-Purpose Trail, Pella Spur (FDM)		Changed to 100% Non-Federal by 1991 APMR
1989 APMR		Dayton Mounds (FDM)		Changed to 100% Non-Federal by 1992 APMR
1989 APMR	12	Multi-Purpose Trail, Johnston Trails (FDM)	Apr 1994	Combined w/Johnston Access by 1991 APMR Design work on hold for Greenbelt funding
1990 APMR	12	Multi-Purpose Trail, Johnston Access Area (FDM)	Apr 1994	Combined w/Johnston Trails by 1991 APMR Design work on hold for Greenbelt funding
1990 APMR	8	Downtown Riverfront Plaza/Amphitheater (FDM)	Revised Aug 92	Approved by NCD 9 Sep 92
1990 APMR	14	Multi-Purpose Trail, Raccoon River Segment (FDM)		FDM work on hold for Greenbelt funding
1991 APMR	15	Multi-Purpose Trail, Polk City to Big Creek Trail (FDM)		FDM work on hold for Greenbelt funding
1992 APMR		Multi-Purpose Trail, Saylorville Barrier Dam (FDM)		FDM work on hold for Greenbelt funding
1992 APMR		Multi-Purpose Trail, Knoxville Segment (FDM)		FDM work on hold for Greenbelt funding
1992 APMR		Riverview Nature Park (FDM)		FDM work on hold for Greenbelt funding
1992 APMR		Multi-Purpose Trail, Dayton to Stratford (FDM)		FDM work on hold for Greenbelt funding
1992 APMR		Multi-Purpose Trail, Webster City to Briggs Woods Park (FDM)		FDM work on hold for Greenbelt funding
1994 APMR		Multi-Purpose Trail, Walnut Creek National Wildlife Refuge to Lake Red Rock (FDM)		FDM work on hold for Greenbelt funding
2003 APMR		Cordova Center on the Rock (EDR)		Preparing Scope of Work
2003 APMR		Des Moines Riverwalk (EDR)		Preparing Design Agreement for Phase I
2003 APMR		Fort Dodge Riverfront Development and Trails (EDR)		Preparing Scope of Work and Design Agreement

<sup>1</sup> Feasibility Reports are numbered when they are submitted for review and approval.

<sup>2</sup> NCD = North Central Division, Chicago, Illinois.

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**Table 5.** Cost-Shared and 100% Federal Construction

Project Title	Local Sponsor	Purpose	Estimated Costs (\$000)			Status
			Local	Federal	Total	
Bennington Bridge Boat Ramp <sup>1</sup>	Iowa DNR	REC	44.6	44.6	89.2	Completed Oct 87
Jester Park Campground <sup>2</sup>	Polk County	REC	211.95	211.95	423.9	Completed Jan 91
Multi-Purpose Trail, Red Rock, Seg. I	N/A	REC	N/A	788.0	788.0	Completed Sep 92
Multi-Purpose Trail, Red Rock, Seg. IIA	N/A	REC	N/A	1205.0	1205.0	Completed Oct 92
Multi-Purpose Trail, Red Rock, Seg. IIB	N/A	REC	N/A	595.0	595.0	Completed Dec 94
Multi-Purpose Trail, Red Rock, Seg. IIIA	N/A	REC	N/A	491.0	491.0	Completed Dec 94
Multi-Purpose Trail, Red Rock, Seg. IIIB	N/A	REC	N/A	990.0	990.0	Completed Sep 97
Multi-Purpose Trail, Lutheran Hospital Seg.	Des Moines	REC	113.0	113.0	226.0	Completed May 92
Dragoon Trail Scenic Road Route <sup>3</sup>	<sup>3</sup>	REC	87.5	87.5	175.0	Completed Jun 93
Downtown Riverfront Plaza/Amphitheater	Des Moines	REC	1050.0	1050.0	2100.0	Completed Nov 96
Multi-Purpose Trail, Red Rock, Seg. IVA	N/A	REC	N/A	3745.0	3745.0	Completed Jun 98
Neal Smith Trail & Prairie Learning Center Signs	N/A	REC	N/A	N/A	N/A	Completed
Multi-Purpose Trail, Johnston Trails/Access	Johnston	REC	N/A	N/A	N/A	Completed 2003 by Sponsor
Don Williams County Park Expansion	Boone Co.	REC	N/A	N/A	N/A	Completed 2003 by Sponsor

<sup>1</sup> Final, per 2 Sep 88 letter to Iowa DNR.

<sup>2</sup> Final, per 15 Nov 91 letter to Polk County.

<sup>3</sup> Final, per 21 Dec 94 letter to Dragoon Trail Scenic Road Route Local Sponsors: Boone, Hamilton, Marion, Polk, and Webster Counties, and Des Moines.

**APPENDIX D**

**ADVISORY COMMITTEE  
COORDINATION MEETING MINUTES**

**WALLACE OFFICE BUILDING  
DES MOINES, IOWA**

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**January 27, 2005**

**1. ATTACHMENTS.** A) Meeting Attendance List; B) Regional Map with new trail plans and opportunities; C) Savings and Slippage, Reprogramming and Performance Based Budgeting.

**2. CALL TO ORDER.** The meeting of the Des Moines Recreational River and Greenbelt Advisory Committee was held at 10 a.m. on January 27, 2005, in 3<sup>rd</sup> Floor Historical Building, 600 East Locust, Classroom A Des Moines, Iowa. Mr. Jeffery Vonk, Director of the Iowa Department of Natural Resources, called the meeting to order, welcoming committee members and guests.

**3. OLD BUSINESS.**

A. Mr. Dennis Hamilton, Corps of Engineers Project Manager, briefed the Advisory Committee on the Federal Fiscal Year (FY) 2005 expenditure and allocation status through fiscal year 2005:

<b>Fiscal Year</b>	<b>Federal Funds Allocated</b>	<b>Sponsor Funds Contributed</b>	<b>Total Funds Available</b>	<b>Total Funds Expended</b>
FY 2003	\$ 415,000	\$ 22,282	\$ 437,282	\$ 419,870
FY 2004	\$ 1,911,000	\$ 137,294	\$ 2,048,294	\$ 1,829,664
FY 2005	\$ 3,109,000	\$ 404,067	\$ 3,513,067	\$ 654,231
<b>Total</b>	<b>\$ 5,435,000</b>	<b>\$ 563,642</b>	<b>\$ 5,998,642</b>	<b>\$ 2,903,765</b>

B. A status of each of the authorized projects was presented and is summarized below:

**FY 2005 Planned Fund Allocation**

<b>Project</b>	<b>Status</b>	<b>FY 05 Sponsor</b>	<b>FY 05 Fed</b>
Fort Dodge River Front/Trails	Engineering Document Report has just started	\$ 135,750	\$ 361,156
Red Rock Cordova Center	Selecting A/E contractor for Master & Component plans		\$ 624,000
Red Rock Trail Segment 4B	Tree Clearing and Grubbing first 2 miles		\$ 579,647
Des Moines Riverwalk	Engineering Document Report will be completed this year	\$ -	\$ 1,360,000
Des Moines Amphitheater	Construction will be completed this year, 2005	\$ 268,317	\$ 164,585
Program Administration			\$ 200,000
	<b>Totals</b>	<b>\$ 404,067</b>	<b>\$ 3,289,388</b>

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- C. Approximately \$8 million would be needed in Fiscal Year (FY) 2006 to fully implement the proposed Greenbelt plan.

<b>Project</b>	<b>FY 06 Sponsor Funding</b>	<b>FY 06 Federal Funding</b>
Des Moines Riverwalk	\$ 667,000	\$ 1,080,000
Des Moines Amphitheater	\$ 10,000	\$ 10,000
Fort Dodge Riverfront/Trails	\$ 187,500	\$ 562,500
Red Rock Cordova Center	N/A	\$ 2,200,000
Red Rock 4B Trail	N/A	\$ 3,980,000
Program Administration	N/A	\$ 200,000
<b>Total</b>	<b>\$ 864,500</b>	<b>\$ 8,032,500</b>

- D. A summary for out-year funding requirements was also presented:

<b>Fiscal Year</b>	<b>Required Federal Funds</b>	<b>Sponsor Funds</b>	<b>Sponsor Credits</b>	<b>Totals</b>
Previous Years	\$ 2,153,558	\$ 95,977	\$ -	\$ 2,249,534
FY 2005	\$ 3,289,388	\$ 404,067	\$ -	\$ 3,693,455
FY 2006	\$ 8,032,500	\$ 864,500	\$ -	\$ 8,897,000
FY 2007	\$ 10,050,375	\$ 2,706,875	\$ -	\$ 12,757,250
FY 2008	\$ 16,820,407	\$ 4,680,000	\$ -	\$ 21,500,407
FY 2009	\$ 12,000,000	\$ 1,490,000	\$ -	\$ 13,490,000
FY 2010	\$ 8,429,781	\$ 206,140		\$ 8,635,921
<b>Totals</b>	<b>\$ 60,776,008</b>	<b>\$ 10,447,559</b>	<b>\$ 10,000,000</b>	<b>\$ 81,223,567</b>

E. Maintenance and rehabilitation of existing trails and facilities was again discussed. The Neal Smith Trail is the main backbone for many of the community's trails systems, parts of which are in need of repair and do not comply with new design requirements. Due to the increased trail use and additional trail development, the Neal Smith Trail has become congested and is in need of extensive repairs and/or reconstruction. The portion of the Neal Smith Trail at Saylorville Lake is the responsibility of the Army Corps of Engineers; however adequate operations and maintenance funds are not available for the much needed repairs and upgrades. It was suggested that the Neal Smith Trail rehab project be added as a potential project to the list of Greenbelt Priority Projects. This would require the Corps to complete an EDR to include the Neal Smith Trail rehab project as a Greenbelt project. The Advisory Committee decided that they did not want

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to add repair of the Neal Smith Trail to the list of Greenbelt Priority Projects at this time. This decision was based on discussion that future appropriations would be spread too thin to maximize completion of the current three priority projects.

F. Operations Manager Steve Fairbanks, Saylorville Lake, advised that approximately \$3.5 million would be needed for major repairs, including widening and overlay of the trail. Fairbanks further stated that support from the Greenbelt advisory committee and other trail interests would be an important indication of broad-based support for Neal Smith Trail rehabilitation. The Advisory Committee decided to send a letter asking for congressional support to add additional O&M funding to the Corps budget to make the necessary repairs to the trail at Saylorville. Arnie Sohn volunteered to write a letter. A draft will be distributed when it is complete.

G. The Iowa Natural Heritage Foundation presented several trails that will connect to the Greenbelt network of trails, (Attachment B, Central Iowa Trails map.) The following are some of the proposed trail extensions:

- Easter Lake to Gray's Lake
- Great Western Trail end to Indianola
- Dawson to Perry
- Woodward to Slater
- Slater to Ankeny

#### **4. NEW BUSINESS**

A. A draft 2005 APMR was mailed to Advisory Committee members for review and comment. A motion was made to approve the draft 2005 APMR by Mary O'Keefe and seconded by Steve Edwards. The 2005 APMR was approved by a show of hands of Advisory committee members.

B. A summary of "savings and slippage", "reprogramming", and "Performance Based" Budgeting were handed out by John Mooreland to help the members understand federal budgetary constraints.

**5. NEXT ADVISORY COMMITTEE MEETING.** The next Committee meeting will be held sometime late August, at a place and time to be determined. A tour of one of the project sites will be considered as part of this meeting.

**6. MEETING ADJOURNMENT.** The meeting was adjourned at 12:00 p.m.

*Note: adjustments were made in the budget for FY05 to reflect actual federal funding and an error was found in prior year Corps Administration costs \$339,287 should have read \$359,287*

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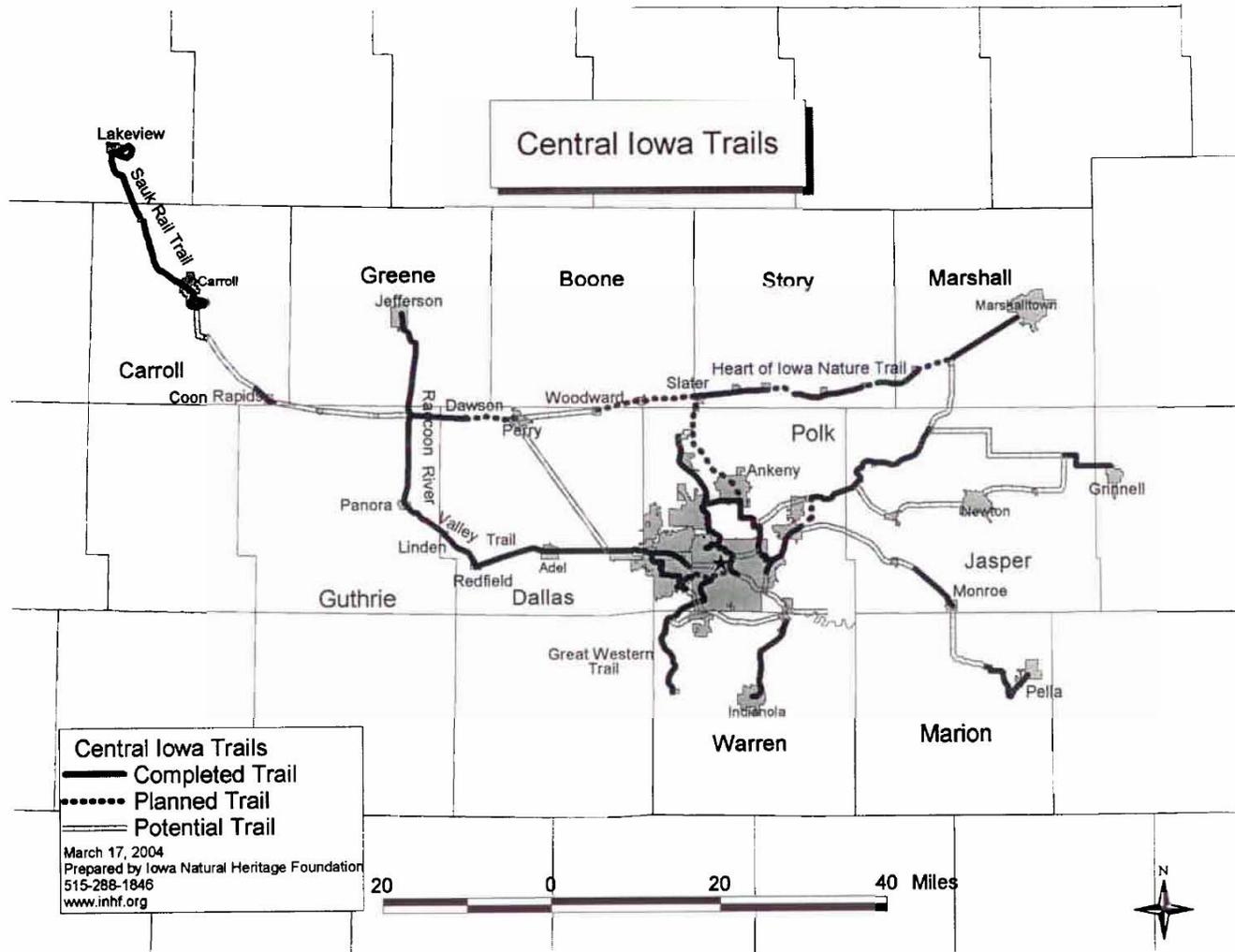
**ATTACHMENT A**

**MEETING ATTENDANCE**

<b>Name</b>	<b>Organization</b>	<b>Phone</b>
Pat Boddy	Polk County Conservation Board	515-323-5300
Jay Byers	Office of Congressman Boswell	515-282-1904
Scott Cahill	Principal Group	515-248-4186
Ben Champ	City of Fort Dodge	515-573-8321
Pam Cooksey	Deputy City Engineer, Des Moines	515-283-4747
Steve Edwards	Marion County Conservation Board	641-828-2213
Steve Fairbanks	USACE Saylorville Manager	515-276-4656
Joan Friberg	Polk County	515-243-7611
John Hale	City of Ankeny	515-955-8910
Dennis Hamilton	Corps of Engineers	309-794-5634
Kent Harfst	Fuller Hall Recreation Center	515-832-9194
Lisa Hein	Heritage Foundation	515-288-1846
Brian Holt	Hamilton County Conservation Board	515-832-9570
Jeff May	Public Works Director City of Knoxville	641-828-0550 ext 235
John Moreland	Office of Senator Harkin	515-284-4574
Sam Nichols	Marion County Supervisor	641-828-2231
Mary O'Keefe	Principal Group	515-246-5475
Donna Phipps	Deputy Director Jesterpark	515-323-5354
Marshall Plumley	Army Corps of Engineers (Study Manager)	309-794-5447
Jim Richards	City of Hartford	515-989-0080
Sherri Richardson-Duey	USACE Red Rock Manager	641-828-7522
Steve Russell	Army Corps of Engineers (Planning)	309-794-5847
Arnie Sohn	IDNR	515-965-1685
Thom Summitt	City of Pella	515-628-9433
Jeff Vonk	IDNR	615-281-5385
Rebecca Wymore	City of Urbandale	515-334-0075

**ATTACHMENT B**

**Regional Map with New Trail Plans and Opportunities**



## ATTACHMENT C

### Savings and Slippage, Reprogramming and Performance Based Budgeting

These talking points are drafted to be used as a tool for understanding and communicating the concepts of Savings and Slippage, Reprogramming and Performance Based Budgeting.

#### Savings and Slippage:

- Congress appropriates funds to the Corps of Engineers generally under three appropriations, General Investigations, Construction, General and Operations and Maintenance, General.
- Within these appropriations, Congress identifies specific funding levels for specifically authorized studies and projects and for HQUSACE managed programs (e.g. GI – Planning Assistance to States and CG Continuing Authorities Programs (CAP).
- In addition to the line item specific funding levels, Congress also applies a reduction factor, called Savings and Slippage, to be applied to all line item projects and programs. If in the Congressional Conference report, the Savings and Slippage reduction equates to a 10% reduction, project line item funding identified elsewhere in the Conference Report would be reduced by 10%. Therefore, if a project line item includes \$1 million in the Conference Report, the actual funding available to the project will be \$900,000.
- The only projects exempt from the savings and slippage reduction are those amounts that are specifically listed in the Appropriations Act.
- Because the Savings and Slippage is a congressionally applied reduction, there is no “Savings and Slippage pot” of money as a result of these reductions – Congress never actually appropriates this increment of funding and therefore is not available.

#### Reprogramming:

- Our first intent in executing appropriated funds is to expend the funds within the project as intended by Congress.
- Congress also expects the Corps of Engineers to fully execute each appropriation through the use of reprogramming, within authorized limits.
- Therefore, if there are schedule constraints on a project that do not allow full expenditure of funds within the fiscal year, the surplus funds are considered for reprogramming to other authorized critical funding needs within the region and nationally.
- When funds are reprogrammed from a project, there is no sure process for repayment of the funds in future fiscal years other than through budget recommendations or Congressional Adds.
- Reprogramming can be used to restore funding to a project but is subject to the availability of surplus funds in other projects that are experiencing schedule constraints. In prior years, there was sufficient funding appropriated in each program, that we could effectively “promise” repayment through reprogramming in future years. However, appropriations have become much more constrained in recent years and there is not the same assurance that we will be able to find reprogramming sources to repay reprogrammed actions.
- With all that said, it is our objective to efficiently fund all authorized projects within our authorized funding abilities. Therefore, if future appropriations do not include sufficient funds to offset the prior reprogramming, we will make every effort possible to identify surplus funds and restore prior reprogrammed funds.

**Performance Based Budgeting:**

- As the Federal budget continues to become more constrained and competitive between programs, the Administration has revised its processes to prepare budget recommendations using Performance Based Budgeting.
- Performance Based Budgeting focuses on funding those projects that will produce the highest return of national benefits.
- All projects under all appropriations are evaluated within eight defined business lines appropriate performance metrics and then ranked in an overall priority order based on expected national benefit. The projects that fit within budget allocation for the Corps of Engineers are then included in the President's Budget recommendation to Congress.
- The eight business lines are Navigation, Flood Damage Reduction, Environmental Restoration, Hydropower, Recreation, Water Supply, Emergency Response, and Regulatory.
- Fiscal Year 2005 was the first year where this broad concept was applied. Because this is a significant change in the budget development processes, it is expected that it will take several fiscal year budget cycles to refine the process.
- There are many specific details that will need to be resolved as we further develop processes for Performance Based Budgeting and input from Congress, our sponsors and stakeholders will be considered as the process further evolves.

**February 20, 2004**

**1. ATTACHMENT.** A) Meeting Attendance List

**2. CALL TO ORDER.** The meeting of the Des Moines Recreational River and Greenbelt Advisory Committee was held at 10 a.m. on February 20, 2004, in 4<sup>th</sup> Floor Conference of the Wallace Office Building, Des Moines, Iowa. Mr. Jeffery Vonk, Director of the Iowa Department of Natural Resources, called the meeting to order, welcomed committee members and guests, and spoke briefly about the meeting's purpose.

**3. OLD BUSINESS**

A. The Advisory Committee approved the July 2004 meeting minutes as presented. Mr. Gary Loss, Corps of Engineers Deputy District Engineer for Project Management, briefed the Advisory Committee on the Federal Fiscal Year (FY) 2004 appropriation, allocation, savings & slippage, and the Federal budgeting process. The FY2004 Greenbelt appropriation was \$3,217,000, \$2,460,000 of which has been allocated.

B. \$10.5 million would be needed in Fiscal Year (FY) 2005 to fully implement the proposed Greenbelt plan.

C. Project Updates. Mr. Michael Tarpey presented the current status of the active project and each sponsor was given a moment to speak.

i. Fort Dodge. The Design Agreement is expected to be finalized in March 2004 and the Engineering Documentation Report will commence immediately afterwards. The City of Fort Dodge expressed their satisfaction with the progress.

ii. Des Moines Principal Riverwalk. The Design Agreement is expected to be finalized in March 2004 and the Engineering Documentation Report will commence immediately afterwards. Both the City of Des Moines and the Principal Financial Group are satisfied with the progress.

iii. Des Moines Amphitheater. The City of Des Moines and Department of Justice have approved the Consent Decree and work has begun to design the required modification to comply with ADA.

iv. Lake Red Rock – Cordova Park. Development of the Engineering Documentation Report is underway. The Corps is developing a scope of work for the solicitation of an Architect/Engineering (A/E) firm to develop a master plan for Cordova Park, interpretative themes, building concept plan, and amphitheater concept plan.

v. Lake Red Rock – Trail Segment 4B. The Corps is currently completing the plans and specifications for the project and expects to have a contract award in May 2004 for a part of the trail.

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D. Mr. Tarpey presented the 2004 Implementation Plan that is included in the 2004 APMR. The Advisory Committee stressed timely execution of projects. It was noted that the timelines in the APMR need to be edited to reflect the schedules shown in the PMPs.

E. Mr. Tarpey discussed the ongoing effort to update the Master List of Projects. In the draft 2004 APMR, at the request of the project proponent, 27 projects have been suggested for removal from the Master List of Projects. The Advisory Committee recommended that the Boone Protected Water Area one project on the removal list remain on the Master List. The APMR will be updated to reflect this recommendation.

#### **4. NEW BUSINESS**

A. Mr. Tarpey reviewed the draft 2004 APMR, which was mailed to all Advisory Committee members for review and comment, and presented the comments the Corps had received to date.

B. A motion was made to approve the draft 2004 APMR with the revisions discussed above. MOTION PASSED UNANIMOUSLY.

C. Trail Map. Mr. Tarpey presented the Trail Map that Advisory Committee had requested be prepared at the July 2003 meeting. The Trail Map will be included in the 2004 APMR.

D. Invitation of other trail groups to next Advisory Committee meeting. As part of the trail map discussion, the Advisory Committee decided to invite other interested parties to the next meeting to discuss coordination of efforts.

E. Mr. Mark Ackelson presented a plan by the Metro Trail Alliance to fund a \$50 million 12-year effort to build bicycles trails in the Des Moines area. The money would come from a local sales tax increase.

F. Dragoon Trail.

i. Brochure. Mr. Brian Holt requested that the Dragoon Trail Brochure be reprinted. According to Mr. Arnie Sohn, the master plates used to print the brochure have been lost. The Corps of Engineers volunteered to scan the brochure and make it available in PDF via the Corps Greenbelt website at <http://www2.mvr.usace.army.mil/Greenbelt/>.

ii. Inspection of signs. Mr. Holt inquired if the Dragoon Trails were being inspected to ensure rider could follow the trail.

G. Meeting frequency. The Advisory Committee decided that 2 meetings/year is sufficient

**5. NEXT ADVISORY COMMITTEE MEETING.** The next Committee meeting will be September 17, 2004 in Fort Dodge, Iowa, at a place and time to be determined.

**6. MEETING ADJOURNMENT.** The meeting was adjourned at 11:55 a.m.

**Submitted by:**

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MICHAEL TARPEY, P.E.  
Greenbelt Study Manager  
Corps of Engineers, Rock Island District

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Des Moines River, Iowa

**ATTACHMENT A**

**MEETING ATTENDANCE**

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<b>Name</b>	<b>Organization</b>	<b>Phone</b>
Mark Ackelson	City of Pleasant Hill	515-262-0015
Red Brannan	Polk County	515-286-4990
Jay Byers	Office of Congressman Boswell	515-282-1904
Scott Cahill	Principal Group	515-248-4186
Ben Champ	City of Fort Dodge	515-573-8321
Steve Edwards	Marion County Conservation Board	641-828-2213
John Franey	Government appointee	515-848-3561
John Hale	City of Ankeny	515-955-8910
Dennis Hamilton	Corps of Engineers	309-794-5634
Brian Holt	Hamilton County Conservation Board	515-832-9570
Gary Loss	Corps of Engineers	309-794-5280
John Moreland	Office of Senator Harkin	515-284-4574
Marvin Morris	Corps of Engineers – Saylorville Lake	515-276-4656
Eddie Peterson	Webster County	515-573-7175
Todd Redenius	City of Fort Dodge	515-576-7237
William Sheperd	Marion County	641-828-2231
Arnie Sohn	IDNR	515-965-1685
Michael Tarpey	Corps of Engineer	309-794-5179
Jeff Vonk	IDNR	615-281-5385
Mike Wallace	Dallas County Conservation Board	515-465-3577

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**APPENDIX E**  
**DISTRIBUTION LIST**

TITLE	FIRST NAME	LAST NAME	POSITION	AGENCY	ADDRESS1	CITY	STATE	ZIPCODE	Copy of APMR	Notice of APMR
	DON	KLIMA	DIRECTOR -EASTERN OFC OF PROJ REVIEW	ADVISORY COUNCIL ON HISTORIC PRESERVATION	1100 PENNSYLVANIA AVE NW #809	WASHINGTON	DC	20004	0	0
	THOMAS	MC CULLOUGH	C/O DON KLIMA	ADVISORY COUNCIL ON HIST PRESERVATION	1100 PENNSYLVANIA AVE NW #809	WASHINGTON	DC	20004	0	0
	REBECCA	WYMORE							0	0
<b>ADVISORY COMMITTEE</b>										
			BOARD OF SUPERVISORS	HAMILTON COUNTY	2300 SUPERIOR ST	WEBSTER	IA	50595-3193	1	0
	MARK	ACKELSON	PRESIDENT	IOWA NATURAL HERITAGE FOUNDATION	505 5TH AVE STE 444	DES MOINES	IA	50309-2321	1	0
	DOUG	ADAMSON			104 SW 4TH ST	DES MOINES	IA	50309-4746	1	0
HONORABLE	ERNIE	BENSLEY	MAYOR	CITY HALL	PO BOX 33	RUNNELLS	IA	50237-0033	1	0
	MICHAEL	BLOUIN	DIRECTOR	IA DEPT OF ECONOMIC DEVELOPMENT	200 E GRAND AVE	DES MOINES	IA	50309	1	0
	PAT	BODDY	DIRECTOR	POLK COUNTY CONSERVATION BOARD	11401 NW 118TH AVE	GRANGER	IA	50109	1	0
	RICHARD	BRANNAN			510 SE 2ND	ANKENY	IA	50021	1	0
	WILLIAM	BURCH	REPRESENTATIVE	IOWA SENATOR-29TH DIST	1201 BRDWAY	POLK CITY	IA	50226	1	0
	KATIE	CANTU	BOARD OF SUPERVISORS	JASPER COUNTY	CO ANNEX BLDG 115 N 2ND AVE E	NEWTON	IA	50208	1	0
	DENNY	CARPENTER			PO BOX 944	NEWTON	IA	50208	1	0
	RICHARD	CLARK	DEPUTY CITY MANAGER	CITY OF DES MOINES	400 ROBERT D RAY DR	DES MOINES	IA	50309	1	0
	ANGELA	CONNOLLY		POLK CO BOARD OF SUPERVISORS	111 COURT AVE RM 300	DES MOINES	IA	50309	1	0
HONORABLE	RON	ECKSTROM	MAYOR	CITY HALL	PO BOX 137	HARTFORD	IA	50118-0137	1	0
	STEVE	EDWARDS	DIRECTOR	MARION COUNTY CONSERVATION BOARD	210 E MAIN 4TH FLR	KNOXVILLE	IA	50138	1	0
	TOM	FOSTER			610 H AVE	OGDEN	IA	50212	1	0
	JOHN	FRANEY			414 CLARK ST	PLEASANTVILLE	IA	50225	1	0
	GREG	GARDY		COURTHOUSE	106 S 1ST ST 1ST FLR E SIDE	OSKALOOSA	IA	52577	1	0
HONORABLE	ORBRA	GEERY	MAYOR	CITY HALL	PO BOX 87	HARVEY	IA	50119-0087	1	0
	MIKE	GIPPLE		MAHASKA CO CONSERVATION BOARD	2254 200TH ST	NEW SHARON	IA	50207	1	0
	JOHN	HALE			1230 11TH ST	FORT DODGE	IA	50501	1	0
	DENNIS	HAMILTON		US ARMY ENGR DIST - ROCK ISLAND	CLOCK TOWER BLDG - PO BOX 2004	ROCK ISLAND	IL	61204-2004	1	0
HONORABLE	ROBERT	HARDING	MAYOR	CITY OF SWAN	PO BOX 621	SWAN	IA	50225-0621	1	0
	KENT	HARFST		FULLER HALL RECREATION CENTER	625 BANK STREET	WEBSTER CITY	IA	50595	1	0
	BRIAN	HOLT	EXECUTIVE DIRECTOR	HAMILTON COUNTY CONSERVATION BOARD	2490 BRIGGS WOODS TRAIL	WEBSTER CITY	IA	50595-9799	1	0
	CARROLL	HUNTER			805 STUART	CARLISLE	IA	50047	1	0
	MARY	KING		BOONE CO CONSERVATION BOARD	1601 322ND LANE	MADRID	IA	50156	1	0
HONORABLE	ED	LAUGHLIN	MAYOR	CITY HALL	465 H AVE PO BOX 3	PILOT MOUND	IA	50223-0003	1	0
	GARY	LOSS		US ARMY ENGR DIST - ROCK ISLAND	CLOCK TOWER BLDG - PO BOX 2004	ROCK ISLAND	IL	61204-2004	1	0

## Greenbelt 91F Database

TITLE	FIRST NAME	LAST NAME	POSITION	AGENCY	ADDRESS1	CITY	STATE	ZIPCODE	Copy of APMR	Notice of APMR
HONORABLE	PAULA	MARTIN	MAYOR	CITY HALL	9063 PARK DR PO BOX 317	LEHIGH	IA	50557-0319	1	0
	JEFF	MAY			305 S 3RD ST	KNOXVILLE	IA	50138-2287	1	0
HONORABLE	MIKE	NEPERENY	MAYOR	CITY HALL	619 HWY 175	STRATFORD	IA	50249	1	0
	TED	OHMART			1026 31ST ST	WEST DES MOINES	IA	50265	1	0
HONORABLE	BOB	O'HOLLEARN	MAYOR	CITY HALL	PO BOX 410	JOHNSTON	IA	50131-0410	1	0
	MARY	O'KEEFE	SEN VP OF CORP RELATIONS	PRINCIPAL FINANCIAL GROUP	711 HIGH ST	DES MOINES	IA	50392	1	0
	MIKE	PARIS		CITY OF FRASER	RR 4	BOONE	IA	50036	1	0
	EDDIE	PETERSON		WEBSTER CO BOARD OF SUPERVISORS	701 CENTRAL AVE	FORT DODGE	IA	50501	1	0
	DONNA	PHIPPS	DEPUTY DIRECTOR	POLK COUNTY CONSERVATION BOARD	11401 NW 118TH AVE	GRANGER	IA	50109	1	0
	DENNIS	PLAUTZ	DIRECTOR	DEPT OF PLNG & COMMUNITY DEVELOPMENT	MUNICIPAL BLDG	FORT DODGE	IA	50501	1	0
	TODD	REDENIUS	DIRECTOR	PARKS AND RECREATION	819 1ST AVE S	FORT DODGE	IA	50501	1	0
	JIM	RICHARDS			4236 228TH AVE	HARTFORD	IA	50118	1	0
	SID	SANDHOLM	CONSERVATION COMMISSION MEMBER	WEBSTER COUNTY BOARD OF SUPERVISORS	33 S MAIN PO BOX 228	DAYTON	IA	50530	1	0
	BILL	SHEPHERD			210 E MAIN, COURTHOUSE	KNOXVILLE	IA	50138	1	0
	MARVIN	SHIRLEY			801 CT ST STE 100	ADEL	IA	50003	1	0
	KENN	SHOEMAKER		US ARMY ENGR DIST - ROCK ISLAND	CLOCK TOWER BLDG - PO BOX 2004	ROCK ISLAND	IL	61204-2004	1	0
	THOM	SUMMITT	COMMUNITY SERVICES DIR	CITY OF PELLA	PO BOX 345	PELLA	IA	50219	1	0
	GREG	THEDE			724 LINCOLN 4, BOX 89	BOONE	IA	50036	1	0
	JEFF	VONK	DIRECTOR	IA DEPT OF NATURAL RESOURCES	900 E GRAND AVE WALLACE STATE OFC BLDG	DES MOINES	IA	50319-0034	1	0
	MIKE	WALLACE		DALLAS CO CONSERVATION BOARD	1477 K AVE	PERRY	IA	50220	1	0
	AMY	YOAKUM			226 E 6TH ST	MADRID	IA	50156	1	0
	NEIL	RUDDY		CITY OF CARLISLE UTILITIES	195 N 1ST ST	CARLISLE	IA	50047-3224	1	0
<b>FEDERAL</b>										
			DIST CHIEF	US GEOLOGICAL SURVEY - WRD	BOX 25046 MS 415	DENVER	CO	80225	0	1
HONORABLE	LEONARD	BOSWELL	REPRESENTATIVE IN CONGRESS-3RD DIST	US HOUSE OF REPRESENTATIVES	1427 LONGWORTH HOUSE OFC BLDG	WASHINGTON	DC	20515	1	0
CHIEF	LAWRENCE	CAVIN		US ENVIRONMENTAL PROTECTION AGENCY- REG 7	901 N 5TH ST	KANSAS CITY	KS	66101-2907	0	1
	NANCY	GILBERTSON		WALNUT CREEK NWR	PO BOX 339 9981 PACIFIC ST	PRAIRIE CITY	IA	50228	1	0
HONORABLE	CHARLES	GRASSLEY	UNITED STATES SENATOR		721 FEDERAL BLDG 210 WALNUT ST	DES MOINES	IA	50309-2140	1	0
HONORABLE	CHARLES	GRASSLEY	UNITED STATES SENATOR		135 HART SENATE OFC BLDG	WASHINGTON	DC	20510-1501	1	0
HONORABLE	TOM	HARKIN	UNITED STATES SENATOR		FEDERAL BLDG RM 733 210 WALNUT ST	DES MOINES	IA	50309	1	0
HONORABLE	TOM	HARKIN	UNITED STATES SENATOR		731 HART SENATE OFFICE BLDG	WASHINGTON	DC	20510-1502	1	0
	LEON	KABAT		UNITED STATES DEPARTMENT OF THE INTERIOR	626E WISCONSIN AVE STE 200	MILWAUKEE	WI	53202-4617	0	1
HONORABLE	STEVE	KING	REPRESENTATIVE IN CONGRESS-5TH DIST	US HOUSE OF REPRESENTATIVES	1432 LONGWORTH HOUSE OFFICE BLDG	WASHINGTON	DC	20515-1505	1	0
HONORABLE	TOM	LATHAM	REPRESENTATIVE IN CONGRESS-4TH DIST	US HOUSE OF REPRESENTATIVES	1426 CENTRAL AVE STE A	FORT DODGE	IA	50501-4258	1	0

Greenbelt 91F Database

TITLE	FIRST NAME	LAST NAME	POSITION	AGENCY	ADDRESS1	CITY	STATE	ZIPCODE	Copy of APMR	Notice of APMR
HONORABLE	TOM	LATHAM	REPRESENTATIVE IN CONGRESS-4TH DIST	US HOUSE OF REPRESENTATIVES	440 CANNON HOUSE OFFICE BLDG	WASHINGTON	DC	20515-1504	1	0
	RICHARD	NELSON	FIELD SUPERVISOR	US FISH AND WILDLIFE SERVICE	4469 48TH AVE CT	ROCK ISLAND	IL	61201	0	1
	JAMES	REEL		USDA SOIL CONSERVATION SERVICE	210 WALNUT ST	DES MOINES	IA	50309	1	0
	JOHN	SOWL		US DEPT OF THE INTERIOR	601 RIVERFRONT DR	OMAHA	NE	68102-4226	0	1
<b>LOCAL</b>										
			BOARD OF SUPERVISORS	POLK COUNTY BOARD OF SUPERVIORS	POLK CO COURTHOUSE	DES MOINES	IA	50307	1	0
			BOARD OF SUPERVISORS	WARREN COUNTY COURTHOUSE	PO BOX 379	INDIANOLA	IA	50125	1	0
				CITY HALL	PO BOX 410	JOHNSTON	IA	50131-0410	1	0
			SERVICE DIRECTOR		PO BOX 6450	JOHNSTON	IA	50131	0	1
			DIRECTOR	MARION COUNTY CONSERVATION BOARD	214 E MAIN ST	KNOXVILLE	IA	50318	1	0
			BOARD OF SUPERVISORS	MARION COUNTY COURTHOUSE	MARION COUNTY COURTHOUSE	KNOXVILLE	IA	50138	1	0
			DIRECTOR	MAHASKA COUNTY CONSERVATION BOARD	ROUTE 3 - BOX 136A	NEW SHARON	IA	50207	1	0
				CENTRAL IOWA TOURISM REGION	PO BOX 1491	NEWTON	IA	50208	0	1
			BOARD OF SUPERVISORS	MAHASKA COUNTY COURTHOUSE	COURT HOUSE	OSKALOOSA	IA	52577	1	0
			DIRECTOR	AREA XV REGIONAL PLANNING COMMISSION	PO BOX 1110	OTTUMWA	IA	52501	1	0
			DIRECTOR	GEISLER LRC	CENTRAL COLLEGE	PELLA	IA	50219	1	0
			BOARD OF SUPERVISORS			WEBSTER	IA	50595	1	0
	GERALDINE	CONKLIN	CITY CLERK		805 SHAKESPEARE AVE	STRATFORD	IA	50249	1	0
	STEVE	DRAKE		DES MOINES PARKS & REC	3226 UNIVERSITY AVE	DES MOINES	IA	50311	1	0
MAYOR	JIM	HAMAN			PO BOX 218	STRATFORD	IA	50249	1	0
	MYRTLE	PAYNE		MIDAS COUNCIL OF GOVERNMENT	530 1ST AVE S	FORT DODGE	IA	50501-4602	1	0
	GARY	SCOTT	COMMUNITY PLANNER		318 5TH ST	WEST DES MOINES	IA	50265	1	0
<b>PRIVATE GROUPS OR INDIVIDUALS</b>										
	LARRY	HUTCHINSON		IZAAK WALTON LEAGUE OF AMERICA	4343 VALLEY DR	DES MOINES	IA	50315	1	0
	NEAL	SMITH			300 WALNUT ST #90	DES MOINES	IA	50309	1	0
	PAM	COOKSEY		CITY OF DES MOINES	602 E 1ST ST	DES MOINES	IA	50309	1	0
<b>STATE</b>										
			OFFICE OF PROGRAM MGMT	IA DEPT OF TRANSPORTATION	800 LINCOLN WAY	AMES	IA	50010	1	0
				IA DEPT OF NATURAL RESOURCES	502 E 9TH ST WALLACE STATE OFFICE BLDG	DES MOINES	IA	50319	1	0
				IA DEPT OF ECONOMIC DEVELOPMENT	200 E GRAND AVE	DES MOINES	IA	50309	1	0
				SOIL CONSERVATION SERVICE	210 WALNUT ST 693 FED BLD	DES MOINES	IA	50309	0	1
			STATE HIST PRES OFCR	STATE HISTORICAL SOCIETY	E 12TH & GRAND AVE	DES MOINES	IA	50319	0	1
			ADMINISTRATIVE ASSISTANT	OFFICE OF THE GOVERNOR	STATE CAPITOL	DES MOINES	IA	50319	1	0
				OFFICE OF THE STATE ARCHEOLOGIST	200 HAWKINS DR	IOWA CITY	IA	52242	0	1
	LYLE	ASELL	SPECIAL ASST ON AG AND ENVIRONMENT	IA DEPT OF NATURAL RESOURCES	900 E GRAND AVE WALLACE STATE OFC BLDG	DES MOINES	IA	50319	0	1

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TITLE	FIRST NAME	LAST NAME	POSITION	AGENCY	ADDRESS1	CITY	STATE	ZIPCODE	Copy of APMR	Notice of APMR
HONORABLE	DARYL	BEALL	IOWA REPRESENTATIVE-78TH DIST	IOWA HOUSE OF REPRESENTATIVES	1928 N 22ND ST	FORT DODGE	IA	50501	0	1
HONORABLE	JERRY	BEHN	IOWA SENATOR-40TH DIST	IOWA HOUSE OF REPRESENTATIVES	1313 QUILL AVE	BOONE	IA	50036	0	1
HONORABLE	DENNIS	BLACK	IOWA REPRESENTATIVE-71ST DIST		ROUTE 1 - BOX 77	GRINNELL	IA	50112	0	1
HONORABLE	GENE	BLANSHAN	IOWA REPRESENTATIVE-88TH DIST		RR 1 BOX 137	SCRANTON	IA	51462	0	1
HONORABLE	CARMINE	BOAL	IOWA REPRESENTATIVE-65TH DIST		3301 SW TIMBERGREEN RD	ANKENY	IA	50021	0	1
HONORABLE	FLORENCE	BUHR	IOWA SENATOR-43RD DIST		4127 30TH ST	DES MOINES	IA	50310	0	1
	NANCY	BURNS		IA DEPT OF TRANSPORTATION	826 LINCOLN WAY	AMES	IA	50010	0	1
HONORABLE	DENNIS	COHOON	IOWA REPRESENTATIVE-100TH DIST	IOWA HOUSE OF REPRESENTATIVES	PO BOX 157	BURLINGTON	IA	52601	0	1
HONORABLE	JOHN	CONNORS	IOWA REPRESENTATIVE-69TH DIST	IOWA HOUSE OF REPRESENTATIVES	1316 E 22ND ST	DES MOINES	IA	50317	0	1
HONORABLE	GEORGE	EICHHORN	IOWA REPRESENTATIVE-14TH DIST	IOWA HOUSE OF REPRESENTATIVES	3533 FENTON AVE	STRATFORD	IA	50249	0	1
HONORABLE	ED	FALLON	IOWA REPRESENTATIVE-70TH DIST	IOWA HOUSE OF REPRESENTATIVES	1321 8TH ST	DES MOINES	IA	50314	0	1
	BILL	FARRIS		IA DEPT OF NATURAL RESOURCES	900 E GRAND AVE	DES MOINES	IA	50319	0	1
HONORABLE	WAYNE	FORD	IOWA REPRESENTATIVE-71ST DIST	IOWA HOUSE OF REPRESENTATIVES	3108 36TH ST	DES MOINES	IA	50310	0	1
HONORABLE	JANE	GREIMANN	IOWA SENATOR-45TH DIST	IOWA HOUSE OF REPRESENTATIVES	1518 13TH ST	AMES	IA	50010	0	1
HONORABLE	JACK	HATCH	IOWA REPRESENTATIVE-68TH DIST	IOWA HOUSE OF REPRESENTATIVES	696 18TH ST	DES MOINES	IA	50314-1078	0	1
HONORABLE	MARK	HAVERLAND	IOWA REPRESENTATIVE-77TH DIST	IOWA HOUSE OF REPRESENTATIVES	852 NW 90TH PLACE	POLK CITY	IA	50226	0	1
HONORABLE	LISA	HEDDENS	IOWA REPRESENTATIVE-14TH DIST	IOWA HOUSE OF REPRESENTATIVES	4541 513TH AVE	AMES	IA	50010	0	1
HONORABLE	JACK	HOLVECK	IOWA SENATOR-36TH DIST	IOWA HOUSE OF REPRESENTATIVES	2007 47TH ST	DES MOINES	IA	50310	0	1
HONORABLE	LANCE	HORBACH	IOWA SENATOR-40TH DIST		REPUBLICAN STATE CAPITOL	DES MOINES	IA	50319	0	1
HONORABLE	LANCE	HORBACH	IOWA SENATOR-40TH DIST		1014 OAKLAND DR	TAMA	IA	52339	0	0
HONORABLE	BRUCE	HUNTER	IOWA REPRESENTATIVE - 35TH DIST	IOWA HOUSE OF REPRESENTATIVES	452 WILMERS AVE	DES MOINES	IA	50315	0	1
HONORABLE	GERI	HUSER	IOWA REPRESENTATIVE-66TH DIST	IOWA HOUSE OF REPRESENTATIVES	213 7TH ST NW	ALTOONA	IA	50009	0	1
HONORABLE	STEWART	IVERSON	IOWA SENATOR- 9TH DIST	IOWA HOUSE OF REPRESENTATIVES	3020 DOWS-WILLIAMS RD	DOWS	IA	50071	0	1
HONORABLE	LIBBY	JACOBS	IOWA REPRESENTATIVE-74TH DIST	IOWA HOUSE OF REPRESENTATIVES	808 58TH ST	WEST DES MOINES	IA	50266	1	0
HONORABLE	KENT	KRAMER	IOWA REPRESENTATIVE - 35TH DIST	IOWA HOUSE OF REPRESENTATIVES	7630 ASHLEY CIRCLE	JOHNSTON	IA	50131	0	1
HONORABLE	JEFF	LAMBERTI	IOWA SENATOR-33RD DIST	IOWA HOUSE OF REPRESENTATIVES	910 E 1ST ST STE 210	ANKENY	IA	50021		1
HONORABLE	MARY	LUNDBY	IOWA REPRESENTATIVE-47TH DIST		1240 14TH ST	MARION	IA	52302	0	1
HONORABLE	O GENE	MADDOX	IA STATE SENATOR - 38TH DIST	IOWA STATE SENATE	9759 ELMCREST DR	CLIVE	IA	50325		1
HONORABLE	GEORGE	MAYBEE	MAYOR	CITY HALL	928 8TH ST PO BOX 550	BOONE	IA	50036-0550	0	1
HONORABLE	KEVIN	MC CARTHY	IOWA REPRESENTATIVE - 35TH DIST	IOWA HOUSE OF REPRESENTATIVES	5220 SE 31ST CT	DES MOINES	IA	50320	0	1
	DICK	MC WILLIAMS		WILDLIFE RESEARCH STATION	1436 255TH ST	BOONE	IA	50036	0	1
HONORABLE	JO	OLDSON	IOWA REPRESENTATIVE - 35TH DIST	IOWA HOUSE OF REPRESENTATIVES	418 38TH PLACE	DES MOINES	IA	50312	0	1
HONORABLE	DONOVAN	OLSON	IOWA REPRESENTATIVE - 35TH DIST	IOWA HOUSE OF REPRESENTATIVES	2103 GREENE ST	BOONE	IA	50036	0	1
HONORABLE	WILLIAM	PALMER	IA STATE SENATOR - 33RD DIST	IOWA STATE SENATE	460 HAWTHORNE CIRCLE	DES MOINES	IA	50317	0	1
HONORABLE	JANET	PETERSEN	IOWA REPRESENTATIVE - 35TH DIST	IOWA HOUSE OF REPRESENTATIVES	1346 47TH ST	DES MOINES	IA	50319	0	1
HONORABLE	SCOTT	RAECKER	IOWA REPRESENTATIVE - 35TH DIST	IOWA HOUSE OF REPRESENTATIVES	9011 ILTIS DR	URBANDALE	IA	50322	0	1
	ARNOLD	SOHN	CHIEF	IA DEPT OF NATURAL RESOURCES PLANNING BUREAU	900 E GRAND AVE	DES MOINES	IA	50319	1	0
HONORABLE	JOHN	SOORHOLTZ	IOWA SENATOR-36TH DIST		RR	MELBOURNE	IA	50162	0	1

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HONORABLE	DAVID	TJEPKES	IOWA REPRESENTATIVE-14TH DIST	IOWA HOUSE OF REPRESENTATIVES	1610 LINCOLN	GOWRIE	IA	50543	0	1
	ROGER	TUCKER		IOWA WILDLIFE FEDERATION INC	4201 WILSON AVE	DES MOINES	IA	50317-2868	0	1
HONORABLE	TOM	VILSACK	GOVERNOR OF IOWA		STATE CAPITOL	DES MOINES	IA	50319	1	0