# 2007 - 2011 Iowa Transportation Improvement Program



Aviation Transit Railroad Trails RISE Statewide Enhancements ICAAP Traffic Safety Highway



### Dear Iowans:

The Iowa Transportation Commission (Commission) and Iowa Department of Transportation (Iowa DOT) have developed this Iowa Transportation Improvement Program to inform Iowans of planned investments in our state's transportation system. Iowa's transportation system is multi-modal. The Transportation Improvement Program encompasses investments in aviation, transit, railroads, trails, and highways.

A major component of lowa's Transportation Improvement Program is the highway program. It includes work scheduled to complete I-235 in Des Moines in 2007, the Des Moines to Burlington corridor in southeast Iowa in 2008, and Iowa 60 corridor in northwest Iowa in 2007. For several years, these four-lane corridors, along with four other already completed four-lane corridors throughout the state, have been priorities for the Commission and Iowa DOT. Previous programs have allocated significant resources to these projects. This has limited the number of new projects that could be undertaken for both highway expansion and maintenance.

While project costs have increased steadily over the past few years, they have increased dramatically over the past 12 to 18 months. This accelerated increase in road construction costs has significantly reduced the buying power of highway program funds. Additionally, the rate of growth of federal and state funds has decreased. These financial conditions are occurring at the same time that system needs and demands are growing due to the age and condition of the system, travel and freight levels, and economic development interests. All of these combine to put unprecedented pressure on the highway program. The Commission has approved the FY 2007 to 2011 highway program in the context of these pressures.

The projected costs of the approved five-year program exceed currently anticipated revenues by \$90 million, or about 4 percent across the entire five year program. However, it is important to note that the first two years of the program are essentially balanced based on current cost and revenue projections for those years.

The Commission is dedicated to preserving lowa's existing system so emphasis for the limited resources continues to be on stewardship and preservation of the current system. The Commission is also committed to programming in a fiscally responsible manner, so if additional funding does not become available during the life of this program, or if there is further erosion of buying power or federal and state funding levels, adjustments to the program will be required. The Commission intends to approve the next five-year program (FY 2008 to 2012) by July 1, 2007, and will address any continuing shortfalls between program costs and revenues at that time.

We appreciate the public's involvement in the state's transportation planning process. Your comments, received either personally, by letter, or through participation in the Commission's regular meetings or public input meetings held around the state each year, are invaluable in providing guidance for the future of lowa's transportation system.

We emphasize this report is a planning guide only and does not represent a binding commitment or obligation of the Commission and Iowa DOT. This document is subject to revision and change that may be required by unforeseen situations, Congressional or legislative action, or general economic conditions.

We invite you to visit the Iowa DOT's Web site at www.iowadot.gov for additional and regular updates about the department's programs and activities.

Respectfully

war U.

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Sioux City

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I

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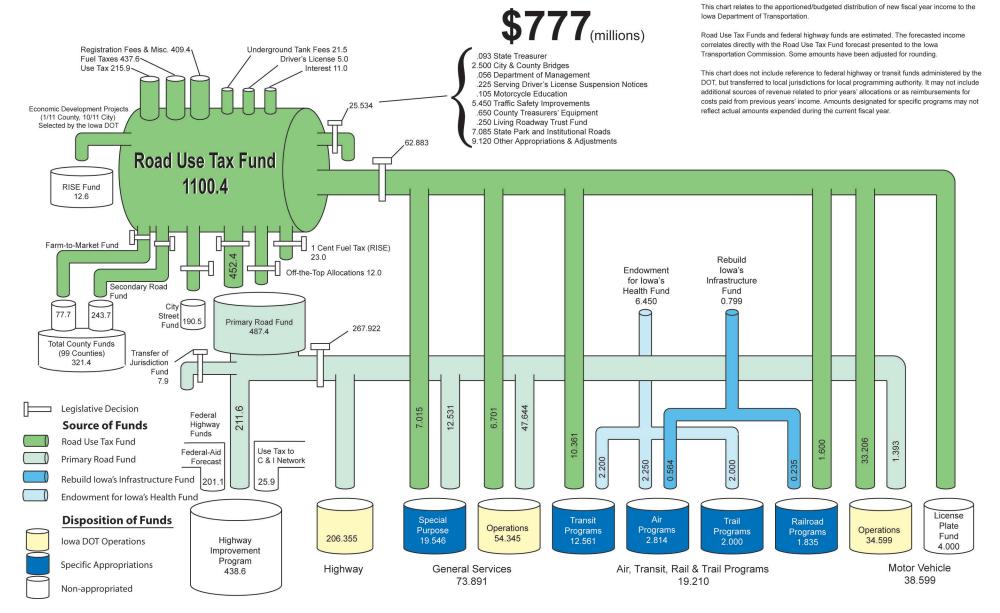
The *Iowa Transportation Improvement Program* is based on estimates of funds expected to be available and on the estimated costs for construction, maintenance and other work proposed to be accomplished. This five-year program is subject to modification; and is, therefore, not to be construed as a commitment or obligation of the Iowa Department of Transportation.

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# Fiscal Year 2007 Transportation Funding



### **Iowa Transportation Policy**

Goal: The transportation goal for lowa is to provide adequate, safe and efficient transportation services to the public.

### **Policy**

### A. General

- 1. Promote a safe transportation system that addresses user needs and maximizes economic and social benefits for lowans.
- 2. Provide for a participatory planning process which: (a) involves public, private and citizen interests; (b) encourages complementary transportation and land development patterns; and (c) gives consideration to the effects of transportation on the state's natural, cultural, human, and economic resources.
- 3. Encourage and support programs to provide commodity movement and mobility for all lowans.
- 4. Develop, promote, administer, and enforce just and equitable policies and procedures for the registration, regulation and operation of motor vehicles, aircraft, and common carriers of passengers and freight.
- 5. Promote financing of the transportation system through user and nonuser sources in an equitable manner, including public and private cost-sharing partnerships where government and the private sector share in the responsibility for transportation planning and development, and for service and facility improvements.
- 6. Administer the land and resources under its jurisdiction in a manner that both protects the rights of individuals and gives consideration to the effects of its activities on the environment.
- 7. Encourage and support an intermodal transportation system by identifying, improving and/or facilitating points of transfer between modes.
- 8. Promote a transportation research and technology transfer program to develop and improve services, methods and materials.

### B. Plan

- 1. Develop a transportation system plan, which:
  - considers all transportation modes as interacting elements;
  - considers facilities and services necessary for person and commodity movement from origin to destination;
  - contributes to the development and implementation of a comprehensive state plan;
  - exerts a positive influence on social, economic, environmental, and aesthetic values;
  - provides safe and convenient travel opportunities;
  - minimizes economic, energy and environmental costs;
  - coordinates available federal, state and local resources:
  - recommends appropriate investment and funding procedures;
  - makes the best use of land resources for permanent transportation use;
  - encourages more efficient use of energy resources;
  - fosters usage of technological advancements in transportation facilities; and
  - evaluates progress toward achievement of the goal contained in this policy.
- 2. Encourage and assist in the development, preservation, maintenance, improvement, and efficient use of all transportation systems, including:
  - general aviation, airport facilities and air carrier services;
  - highway transportation systems and services, including accessibility for commercial and industrial economic development throughout lowa;
  - public transit systems and services;
  - railroad transportation systems and services;
  - river transportation; and
  - multiuse trails and corridors for transportation, recreation and tourism.
- 3. Develop and participate in programs to improve the safety of transportation systems.
- 4. Encourage and support development of transportation education programs.

### C. Program

 Annually prepare a program of capital investment, services and regulatory practice.



# **Aviation Program**

### **Airport Improvement Program (AIP)**

The Airport Improvement Program (AIP) funds aviation safety programs and airport development projects.

Applications are solicited each year between January and March, and are approved by the Iowa Transportation Commission in June, when funding is available.

The percentage of local match required for projects varies, depending on the type of project.

**Automated Weather Observation Systems (AWOS)** provides a network of aviation weather reporting stations at 38 airports throughout the state.

AWOS enhances safety by providing real-time weather information to pilots via ground-to-air radio weather broadcasts, the Internet and phone. The system is useful both for in-flight and pre-flight planning functions. The AWOS system provides temperature, dew point, barometric pressure, wind direction, wind speed, peak gusts, visibility, and cloud height.

The majority of AWOS sites were installed with assistance from the federal airport program. Annual funding provides operational maintenance and transfer of data into the national system, which enables a broad network of users to access the information for aviation and weather forecasting needs.

The public at large can also access AWOS information via the telephone and Internet.

**The Airport Development Program** funds airport development projects at publicly owned airports and provides the required match for federally funded statewide studies.

Development projects include airfield and security projects, and operational emergencies. Projects may include, but are not limited to: land acquisition; runway, apron and taxiway construction; access control; airport layout plans (ALPs) and master plans; airport lighting; and installation of visual navigational and communication aids.

The Runway Marking Program provides safety critical markings at publicly owned airports that provide key operational information to pilots on the ground and from the air. Markings such as runway numbers, touchdown markings, hold lines, and center lines are painted on runways, taxiways and other key operational areas of an airport.

Every year, airports are marked based on need and available funding.

**Windsocks** are very basic safety tools that provide valuable information to pilots regarding wind direction and speed prior to takeoff and landing. Windsocks are subject to weathering and need to be replaced every one to two years. They are supplied to publicuse airports and hospital heliports at no charge.

# General Aviation Vertical Infrastructure (GAVI) Program

The General Aviation Vertical Infrastructure (GAVI) Program provides funding for landside development projects such as terminal, hangar and fuel-facility construction and/or renovation at publicly owned, public-use, general aviation airports.

Applications are solicited each year between January and April, and are approved by the Iowa Transportation Commission in June, when funding is available.

# Commercial Service Vertical Infrastructure (CSVI) Program

The Commercial Service Vertical Infrastructure (CSVI) Program provides funding for landside development projects such as terminal, hangar, maintenance and fuel-facility construction, and/or renovation at commercial service airports.

Applications are solicited each year between January and April, and are approved by the Iowa Transportation Commission in June.

These funds are divided among the commercial service airports by a 50/40/10 formula. One-half of the funds are allocated equally among the airports, 40 percent of the funds are allocated based on the percentage of enplaned passengers at each airport versus the total number of enplaned passengers in the state, and 10 percent of the funds are allocated based on the percentage of the air cargo tonnage at each airport versus the total tonnage in the state.

### **Other Aviation Programs**

Aviation promotion, advocacy, airport inspection, and planning are additional areas of focus for the lowa Department of Transportation's (lowa DOT) Office of Aviation. The office also prints an airport directory and aeronautic chart on a biannual basis as a service to the pilot community using lowa's air transportation system.

For additional information, see the Iowa DOT's Office of Aviation's Web site at iawings.com.

# State Aviation Program FY 2007

Commercial Service Vertical Infrastructure (CSVI) Projects	\$1	,500,000
General Aviation Vertical Infrastructure (GAVI) Projects	\$	872,560
Airport Improvement Program	\$	688,062

- AWOS maintenance
- Runway marking
- Aviation development
- Airfield and security projects
- Emergency operational repairs
- Match for federal statewide studies
- Wildlife mitigation

TOTAL \$3,060,622

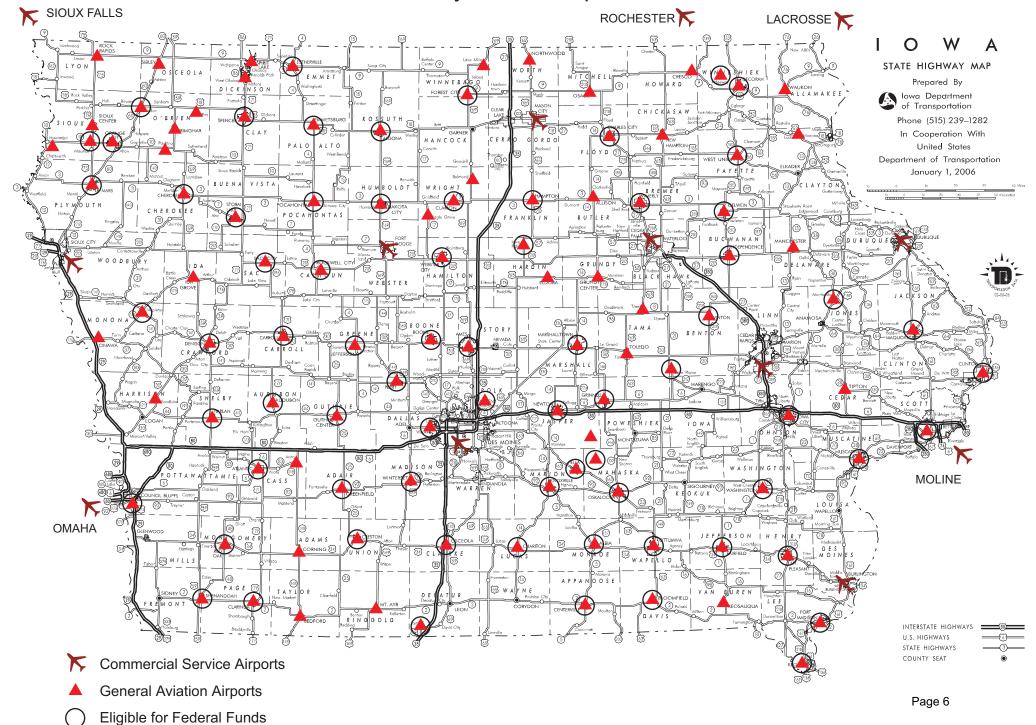
# FY 2007 Commercial Service Vertical Infrastructure (CSVI) Projects

Airport	Type of Improvement	Total Project Cost	State Share
Des Moines International	Construct airfield storage building, renovate terminal for explosive detection systems deployment, and construct material storage building	\$2,718,000	\$580,140
Dubuque Regional	Renovate and construct hangars, renovate terminal, and construct new terminal	\$200,000	\$108,334
Eastern Iowa Airport	Construct aircraft rescue fire-fighting storage facility	\$2,039,155	\$299,389
Fort Dodge Regional	Renovate terminal security area, and hangar demolition and construction	\$950,000	\$96,966
Mason City Municipal	Construct fixed base operator office addition, install electrical circuits in the terminal building, replace heating system in airport maintenance shop, construct cold storage hangar, and extend water and sewer utilities to airport from city of Clear Lake	\$705,000	\$99,701
Sioux Gateway	Renovate terminal building, and renovate hangars	\$112,000	\$109,430
Southeast Iowa Regional	Construct hangars	\$100,000	\$96,465
Waterloo Regional	Renovate t-hangars and corporate hangar	\$113,050	\$109,575
		\$6,937,205	\$1,500,000

# FY 2007 General Aviation Vertical Infrastructure (GAVI) Projects

Airport	Type of Improvement	Total Project Cost	State Share
Emmetsburg Municipal	Rehabilitate existing terminal/office	\$8,060	\$6,448
Harlan Municipal	Rehabilitate seven hangars	\$80,000	\$68,000
Humboldt Municipal	Install fuel system with automated fueling terminal	\$69,000	\$58,650
Iowa City Municipal	Rehabilitate Hangar A	\$58,000	\$49,300
Iowa Falls Municipal	Rehabilitate terminal	\$50,000	\$35,000
Keokuk Municipal	Rehabilitate existing terminal building	\$59,581	\$50,644
Mapleton Municipal	Install self-fueling credit card system	\$20,000	\$17,000
Mount Pleasant Municipal	Construct conventional hangar	\$245,000	\$183,858
Ottumwa Industrial	Rehabilitate large hangar and upgrade electrical system	\$100,000	\$85,000
Red Oak Municipal	Construct corporate hangar	\$288,000	\$216,000
Rock Rapids Municipal	Install self-fueling credit card system	\$18,000	\$12,600
Shenandoah Municipal	Construct four-unit t-hangar	\$120,000	\$90,060
		\$1,115,641	\$872,560

# **Publicly Owned Airports**





# **Transit Program**

The lowa Department of Transportation's Office of Public Transit promotes a public transportation system that meets the needs of lowans through advocacy, technical assistance, and administration of state and federal funds. The office is responsible for administering all of the state and federal transit assistance to rural areas and urban areas under 50,000 population. In addition, the office administers statewide federal capital grants, Job Access Reverse Commute grants and intelligent transportation system grants. The office also offers technical, planning and training assistance to lowa's 35 public transit agencies. Additional information and assistance can be found on the office's Web site at jatransit.com.

State Transit Assistance (STA) - lowa devotes 1/20 of 80 percent of the use tax collected on sales of motor vehicles and accessory equipment to support public transportation. Most of this money is distributed by a formula that is based on each transit system's performance during the previous year in terms of rides, miles and local funding support. These formula funds can be used to support any operating, capital or planning expenses related to the provision of public passenger transportation. Up to \$300,000 of the total STA funds are available for technical training and other projects to improve public transit in lowa. Estimated STA for FY 2007 is \$10.145.778.

The Federal Transit Administration (FTA) - of the U.S. Department of Transportation administers a number of programs offering financial support for local public transportation. Some are funded through the federal motor fuel tax (2.86 cents per gallon of the federal motor fuel tax is dedicated to transit), while others are funded from the General Fund.

**Section 5303 "Metropolitan Planning Program" -** These funds come to the state on the basis of urbanized area population and are dedicated to support the transportation planning process in urbanized areas over 50,000 population. They must be matched

with non-federal funds on an 80 percent federal and 20 percent non-federal basis.

**Section 5304 "Statewide Planning Program" -** These funds come to the state on the basis of population and are used to support transportation planning in non-urbanized areas on an 80 percent federal and 20 percent non-federal basis.

Section 5307 "Urbanized Area Formula Program" - These funds come to the state on the basis of population and population densities in urbanized areas with populations between 50,000 and 200,000 to support public transit activities. They go directly to areas over 200,000 in population. Transit systems may use up to 10 percent of these funds to pay for some of their Americans with Disabilites Act paratransit costs on an 80 percent federal and 20 percent nonfederal basis. In urbanized areas with populations greater than 200,000, at least 1 percent of these funds must be set aside for transit enhancement activities. In areas under 200,000 in population, the funding can be used to support operating deficit. Funds used in this manner must be matched by non-federal funds (other than passenger revenues) on a dollar-for-dollar basis. The remainder can be used to fund capital improvements (including preventative maintenance activities) or planning activities on an 80 percent federal and 20 percent non-federal basis. (Purchase of vehicles equipped for access by persons with disabilities can be funded at 83 percent federal participation. Purchase of special equipment required under the Clean Air Act Amendments can be funded at 90 percent federal participation.)

Section 5309 "Capital Investment Grants and Loans Program" - These funds are available to lowa based on Congressional earmarks. They may be used only for transit capital improvements on an 80 percent federal and 20 percent non-federal basis. (An 83 percent federal participation is allowed on vehicles designed for access by persons with disabilities and 90 percent on special equipment to meet clean air regulations.)

Section 5310 and 5311 "Transportation for Elderly Persons and Persons with Disabilities" and "Nonurbanized Area Formula **Program" -** These funds come to lowa on the basis of the number of persons who are elderly, have disabilities or live outside urbanized areas within the state. The funds may be used to support the cost of transit operations (contracted operations for 5310) with dollar-fordollar non-federal match or these funds are allowed to fund capital improvements on an 80 percent federal and 20 percent non-federal basis. (An 83 percent federal participation is allowed on vehicles designed for access by persons with disabilities and 90 percent for clean air equipment.) Transit systems may use up to 10 percent of their annual Section 5311 apportionment of formula funds to pay for some of their ADA paratransit costs on an 80 percent federal and 20 percent non-federal basis. Fifteen percent of the 5311 funds are reserved by law for intercity bus projects. The 5311 funds are also used for support of transportation planning in non-urbanized areas on an 80 percent federal and 20 percent non-federal basis.

Section 5312 "Research, Development, Demonstration, and Deployment Projects Program" - This program is for public transportation service planning and research, development, demonstration, and deployment projects. This is the program that Federal Transit Authority (FTA) has used to administer intelligent transportation system (ITS) integration funds transferred from Federal Highway Administration (FHWA). The federal share for this program is 50 percent

Section 5316 "Job Access Reverse Commute Program" (JARC)-JARC funds are available on a competitive basis. These funds may be used to provide transportation services in urban, suburban and rural areas to assist welfare recipients and low income individuals to access employment opportunities, and increase collaboration among the transportation providers, human services agencies, employers, metropolitan planning organizations (MPOs), and affected communities and individuals. A 50 percent non-DOT match is required for this program for operating assistance. An 80 percent

federal and 20 percent non-federal match is required for capital improvements. (An 83 percent federal participation is allowed on capital projects designed for access by persons with disabilities).

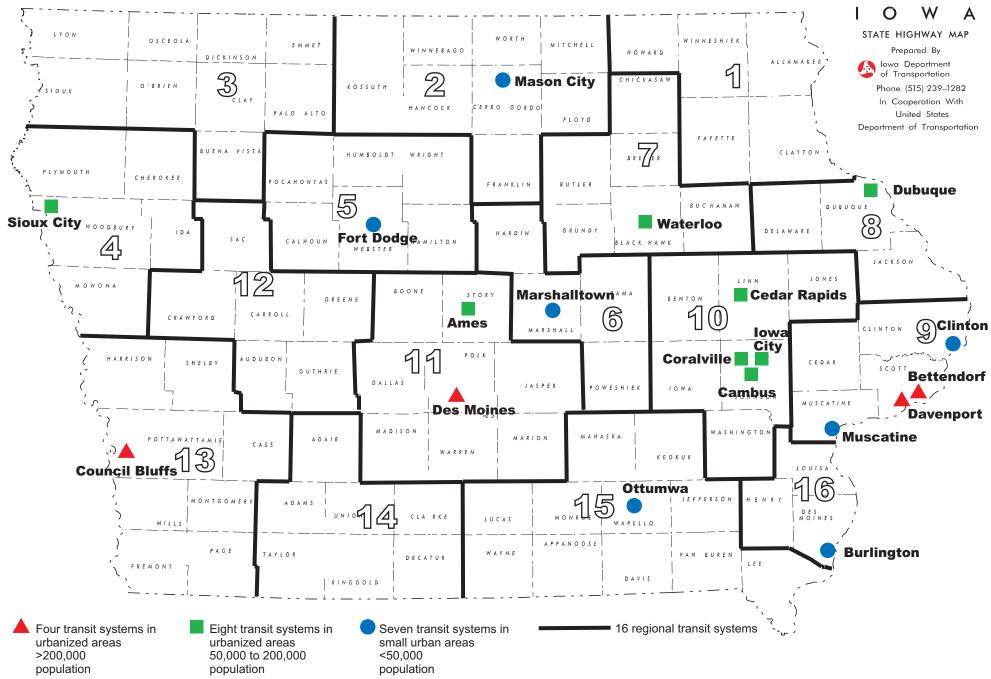
Section 5317 "New Freedom" - This program encourages services and facility improvement to address the transportation needs of persons with disabilities that go beyond those required by the Americans with Disabilities Act (ADA). A 50 percent non-DOT match is required for this program for operating assistance. An 80 percent federal and 20 percent non-federal match is required for capital improvements. (An 83 percent federal and 17 percent non-federal match is allowed on capital projects designed for access by persons with disabilities).

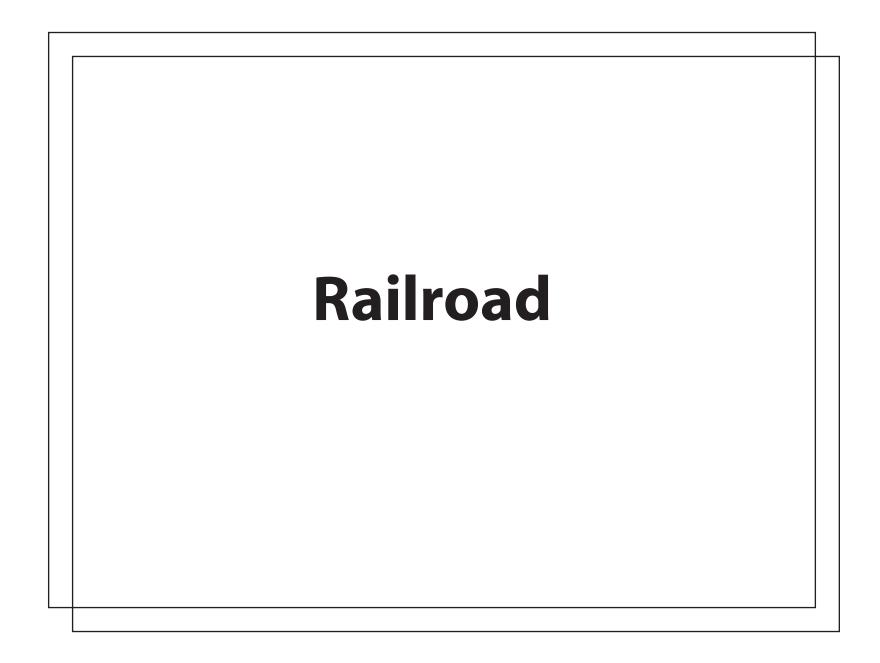
**Surface Transportation Program (STP) -** These funds come to the state on the basis of SAFETEA-LU legislation, and can be used for roadway or transit capital projects on an 80 percent federal and 20 percent local basis. In lowa, a portion of these funds are programmed by local governments acting through metropolitan or regional planning agencies. When programmed for transit projects, these funds are also administered by the Federal Transit Administration.

lowa's Clean Air Attainment Program (ICAAP) - lowa does not have any areas in violation of transportation-related federal clean air standards. The state receives a minimum allocation of Congestion Mitigation/Air Quality (CMAQ) funding that can be used for any purpose for which STP funds can be used and on the same 80 percent federal and 20 percent non-federal basis. In lowa, funds are programmed for highways or transit projects through a statewide application process that selects projects based on their anticipated air quality or congestion relief benefits.

Additional information and assistance can be found on the office's Web site at iatransit.com.

# Large Urban, Small Urban and Regional Transit Systems





# **Railroad Program**

The Iowa Department of Transportation's Office of Rail Transportation encourages and assists in the development and maintenance of a safe, efficient and economical railroad transportation system. Toward that end the office administers programs that:

- enhance safe track conditions through routine track inspections;
- advocate for policies and practices that benefit the rail transportation system; and
- promote the rail transportation system as a component of a balanced statewide transportation system.

More information about the Office of Rail Transportation, its programs and other rail activities is available at iowarail.com.

Federal-Aid Highway/Rail Crossing Safety - This program promotes public safety at rail crossings and near rail lines throughout the state. The program participates in the cost of safety improvements at public highway-railroad crossings. These funds are used to install or upgrade crossing signal devices, and provide low-cost improvements, such as increased sight distance, increased signal lens size, or crossing closures. Funding is based on a benefit/cost calculation that considers a number of factors, including highway and train traffic, accident history and cost.

A railroad or roadway jurisdiction must apply for a project annually by July 1 to be considered for funding. The federal-aid safety fund provides 90 percent of the cost of the warning devices.

Projects will be funded with \$3.2 million from the 2008 Federal-Aid Highway/Railroad Crossing Safety Program. Projects will be advanced, if funding becomes available.

Projects proposed for preliminary engineering in 2007 and construction in 2008 are shown on page 12. For more information call 515-239-1549.

Highway/Railroad Grade Crossing Surface Repair - This program promotes public safety at highway-rail crossings throughout the state. The program participates in the cost of surface repair and replacement at highway-railroad grade crossings. The state fund pays 60 percent of the cost of repairs, with the roadway jurisdiction and railroad each paying 20 percent. Eligible projects are funded in the order applications are received by the lowa Department of Transportation. Applications must be submitted jointly by railroads and highway authorities to be considered for funding.

An annual allocation of \$1 million in federal-aid safety funding is used to repair crossing surfaces with higher train and vehicle traffic. Federal funds pay for 60 percent of the project cost, with the roadway jurisdiction and railroad each paying 20 percent. Projects are selected from the applicants for the state-funded surface repair program. Projects will be advanced, if funding becomes available.

An allocation of \$500,000 from Iowa's Primary Road Fund is used annually to repair highway-railroad crossing surfaces on the primary road system. This allows the federal and state surface repair funds to be utilized on city and county projects.

State and federal grade crossing surface repair projects programmed for FY 2007-2009 were approved in the 2006-2010 Transportation Improvement Program. For more information call 515-239-1108.

Rail Revolving Loan and Grant Program - The Rail Revolving Loan and Grant Program, administered by the Iowa Railway Finance Authority, assists business and industry to improve rail infrastructure. The program helps finance, through Ioans and grants, construction or expansion of rail connections (e.g. sidings, switches, etc.) and railroad rehabilitation or expansion. Rail Ioan repayments and appropriations fund the program. Applications are accepted twice a year, provided there is funding available. For more information call 515-239-1653.

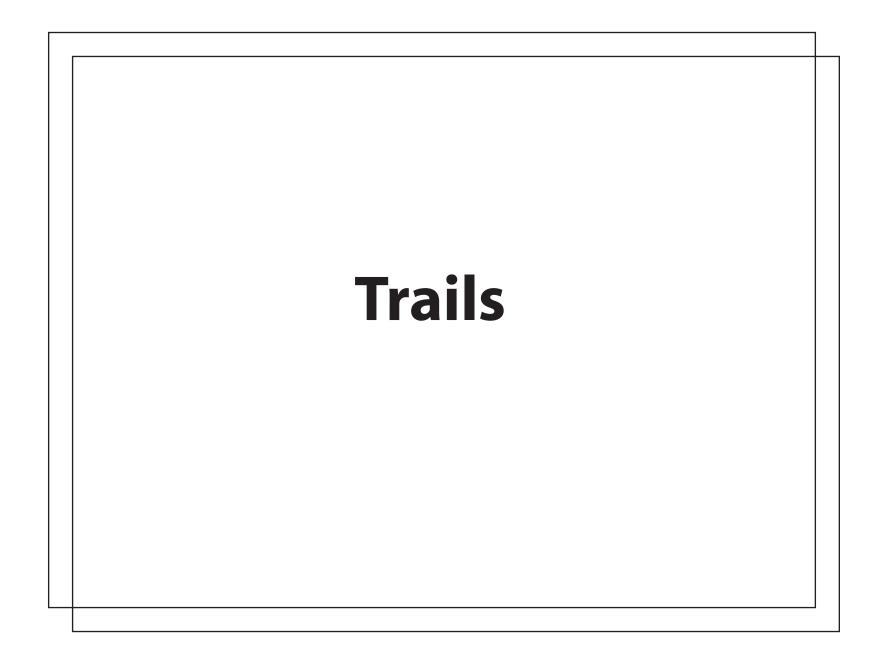
**Intermodal Pilot Project Program -** The Intermodal Pilot Project Program provides loan assistance to intermodal projects that generate energy conservation. The fund was established with \$750,000 for new intermodal transportation facilities or to improve, restore, conserve, repair, rehabilitate or expand existing intermodal transportation facilities. For more information call 515-239-1066.

# Federal-Aid Highway-Railroad Safety Fund 2007 Preliminary Engineering and 2008 Construction Program

Federal ID #	Applicant*	Railroad	Highway Jurisdiction	Road Location	Type of Improvement	Federal Funds
190388K	HA	UP	De Witt	Sixth Avenue	Raised Medians	\$15,000
603692J	HA	UP	Des Moines	15th Street	Raised Medians	\$50,000
191198K	RR	UP	Modale	Anderson Street	Signals w/Gate Arms	\$185,000
191106V	RR	UP	Pottawattamie County	Joslin Avenue	Signals w/Gate Arms	\$180,000
190387D	HA	UP	De Witt	Third Avenue East	Raised Medians	\$12,000
307092S	RR/HA	CC	Black Hawk County	Holgate Road South	Signals	\$150,000
190389S	HA	UP	De Witt	Ninth Avenue	Raised Medians	\$9,000
307228C	HA	CC	Parkersburg	Third Street	Signals w/Gate Arms	\$120,000
200945A	RR	UP	Pocahontas County	290th Avenue	Signals w/Gate Arms	\$180,000
190468D	HA	UP	Lisbon	Washington Street	Raised Medians	\$25,000
186002D	RR	UP	Plymouth County	140th Street	Signals w/Gate Arms	\$180,000
876198F	RR	UP	Cerro Gordo County	230th Street	Signals w/Gate Arms	\$180,000
307227V	HA	CC	Parkersburg	Second Street	Signals w/Gate Arms	\$120,000
385719M	HA	ICE	Spencer	11th Avenue West	Signals w/Gate Arms	\$150,000
095151C	RR	BNSF	Monroe County	227th Street	Signals w/Gate Arms	\$175,000
875855R	RR	UP	Palo Alto County	430th Street (B-55)	Signals w/Gate Arms	\$180,000
195987X	HA	UP	Cerro Gordo County	Killdeer Avenue (S-34)	Signals w/Gate Arms	\$180,000
376150X	HA	ICE	Guttenburg	Main Street	Signals	\$145,000
191157F	RR/HA	UP	Council Bluffs	16th Avenue	Signals w/Gate Arms	\$180,000
865652J	HA	ICE	Davenport	Harrison Street	Signals w/Gate Arms	\$150,000
191052S	RR	UP	Harrison County	Parker Trail	Signals w/Gate Arms	\$180,000
190596L	RR	UP	Tama County	NN Avenue	Signals w/Gate Arms	\$180,000
190780Y	RR	UP	Carroll County	Jade Avenue	Signals w/Gate Arms	\$190,000
190742P	RR	UP	Greene County	Falcon Avenue	Signals w/Gate Arms	\$180,000

**TOTAL** \$3,296,000

<sup>\*</sup> HA = Highway Authority



# **State Recreational Trails Program**

The State Recreational Trails Program provides funds to establish transportation and recreation trails in lowa for the use and enjoyment of the public. Eligible applicants include state and local government agencies, municipal corporations, counties, and nonprofit organizations. Private organizations must have a governmental agency as a co-sponsor. The program is restricted to the acquisition, construction or improvement of trails open for public use, or trails that will be dedicated to public use when completed. A proposed trail project must meet the following requirements:

- The project must be part of a local, area-wide, regional or statewide plan.
- The trail route must be designed to allow enjoyment of scenic views or points of historical interest, and maximize safety.
- The project must include a contribution of at least 25 percent matching funds from other sources. This match is not to include grants from other state agencies or provision of inkind services.

Deadlines for applications are Jan. 2 and July 1 of each year, depending on funding availability.

Applications are evaluated primarily using the following criteria:

- need, in terms of the population to be served and existing trails in the area (25 points);
- compatibility with local, area-wide, regional or statewide plans (15 points);
- benefits of multiple uses and recreational opportunities (20 points);
- quality of the site (25 points);
- economic benefits to the local area (10 points); and
- special facilities for the handicapped (5 points).

Thirty-five applications were received by the Jan. 2, 2006, deadline. The applications represented total project costs of \$25.6 million, with \$11.3 million requested from the State Recreational Trails Program. Ten projects were approved by the Iowa Transportation Commission

for a total state commitment of \$1,966,469. The total cost for the approved projects is estimated to be \$6,866,838.

In addition, the 2006 Legislature appropriated \$200,000 for trail projects in Wapello County.

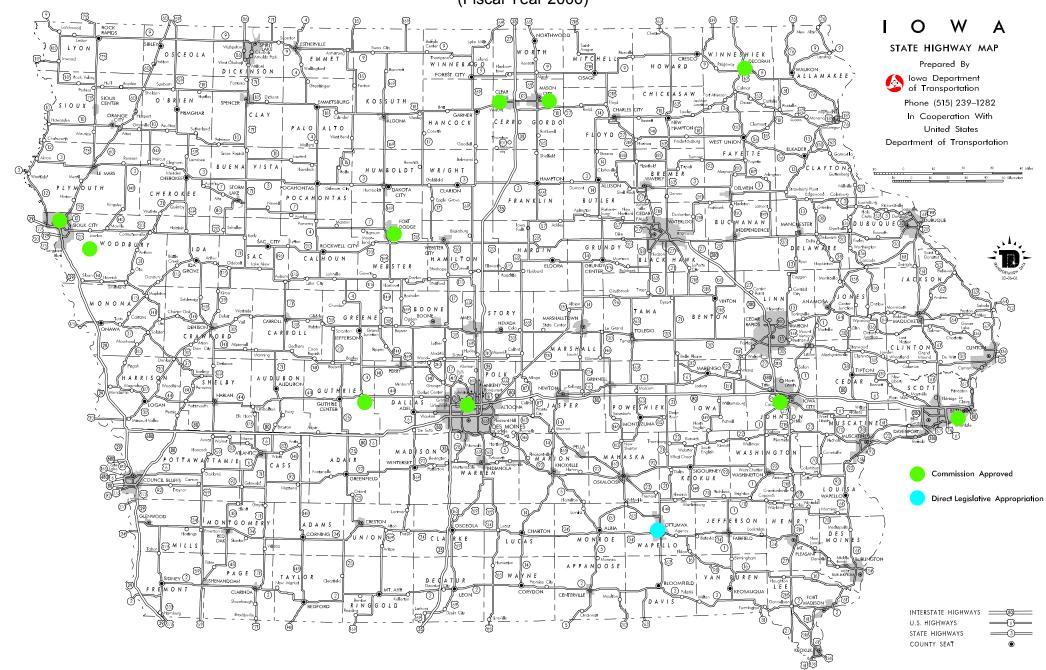
**Trails Information and Services -** Requests for assistance or information should be addressed to the Iowa Department of Transportation, Office of Systems Planning, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1664.

# **State Recreational Trails Projects Approved Projects for Fiscal Year 2006**

Sponsor	Project Title	Approved Amount	
Sioux City	Big Sioux River Trail Bridge	\$187,500	
Coralville	Clear Creek Trail, Phase 4	\$327,912	
Bettendorf	Crow Creek Trail, Phase 1	\$218,870	
Decorah	Decorah Trail Loop – Segment 6	\$150,000	
Webster County	Gypsum City OHV Park	\$250,000	
Woodbury County Conservation Board	Little Sioux Valley Trail	\$150,000	
Guthrie County Conservation Board	Raccoon River Valley Rehabilitation	\$175,000	
Polk County Conservation Board	Trestle to Trestle Trail Project	\$346,739	
Cerro Gordo County	Ventura Cove Link	\$ 50,000	
Mason City	Winnebago River Trail Bridge	\$110,448	
Wapello County	Trail Projects in Wapello County*	\$200,000	
TOTAL		\$2,166,469	

Per direct legislative appropriation

# State Recreational Trails Projects (Fiscal Year 2006)



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# Federal Recreational Trails Program

The Federal Recreational Trails Program is a program of the U.S. Department of Transportation's Federal Highway Administration (FHWA) and provides funding for both motorized and nonmotorized trail projects.

The Federal Recreational Trails Program funding represents a portion of the revenue received by the Federal Highway Trust Fund from the federal motor fuel excise tax paid by users of off-road recreational vehicles, such as snowmobiles, off-road motorcycles, all-terrain vehicles, and off-road light trucks.

**Funding Distribution - State Level -** Each state administers its own program and establishes its own procedures to solicit and select trail projects for funding. Iowa has chosen to have applications for funding assistance postmarked by Oct. 1.

States may use up to 7 percent of their funds for administrative costs, including trail planning. The remaining funds are for projects from the following categories:

- -providing trail-related safety and environmental protection education (up to 5 percent of a state's funding allocation);
- -maintaining existing trails, including grooming trails across snow;
- -restoring damaged trails or areas damaged by trail-related use;
- -providing trail access for people with disabilities;
- -developing trailside or trailhead facilities;
- -purchasing or leasing equipment for trail construction, maintenance, or grooming;
- -acquiring easements or property for trails; and
- -constructing new trails.

lowa gives extra credit in its selection criteria to projects that benefit multiple trail uses.

States may provide grants to city and county governments, and other government entities, including federal agencies and special government districts.

Project sizes vary by state. Iowa has established a minimum \$5,000 grant amount. Iowa does not have a maximum allowable grant

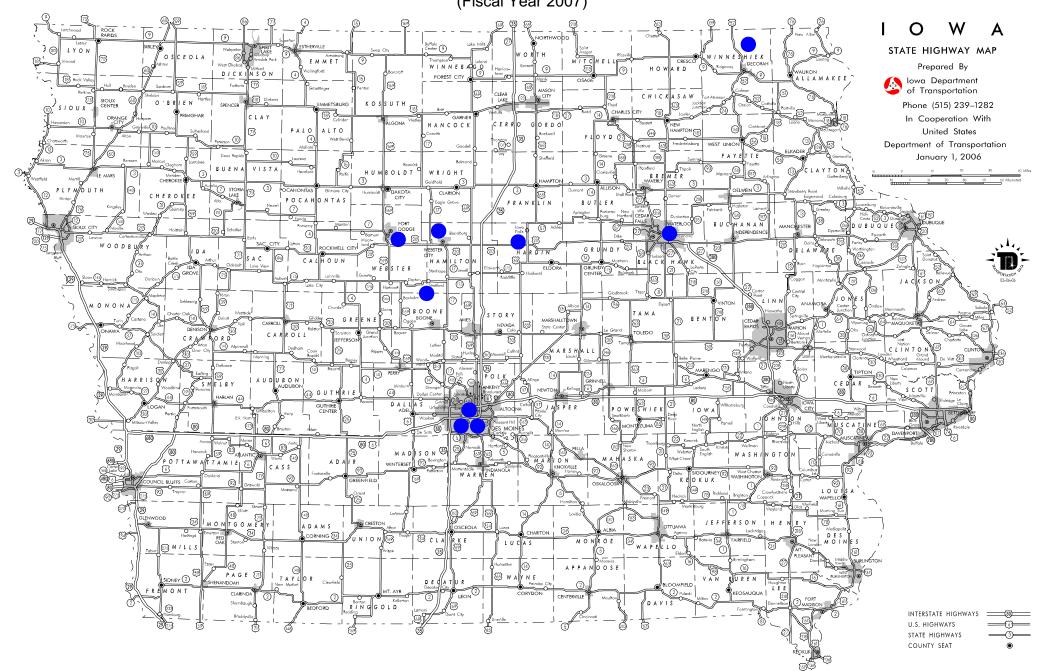
amount. The maximum federal share for each project is 80 percent. The remaining amount must come from state, local or private funding sources. Other select federal funding sources may be used as matching funds. In-kind materials and services may be permitted toward the project match.

**Trails Information and Services -** Requests for assistance or information should be addressed to the Iowa Department of Transportation, Office of Systems Planning, 800 Lincoln Way, Ames, Iowa 50010, telephone 515-239-1664.

# Federal Recreational Trails Projects Approved Projects for Fiscal Year 2007

Sponsor	Project Title	Approved Amount
Webster County/Hamilton County Conservation Board	Boone River Recreational Trail	\$151,131
Boone County/Hamilton County Conservation Board/Webster County Conservation Board	Des Moines & Boone Rivers Water Trail	\$ 18,150
DNR	AmeriCorps Trails	\$288,185
Webster County	Fort Dodge OHV Park	\$413,330
Hardin County	Iowa River Water Trail	\$ 72,700
DNR	OHV Park Maintenance Crew	\$120,000
DNR	Snowmobile Trail Groomer Purchase	\$160,000
Waterloo	TL 130 Takeuki Track Loader	\$ 28,959
Decorah/Winneshiek County Conservation Board	Trout Run Trail Project	\$ 95,000
TOTAL		\$1,347,455

# Federal Recreational Trails Projects (Fiscal Year 2007)



# Revitalize lowa's Sound Economy (RISE)

# Revitalize Iowa's Sound Economy (RISE) FUND

The RISE Fund was created to promote economic development in Iowa through construction or improvement of roads and streets. The RISE Fund currently receives approximately \$35 million annually. The fund is designed to target value-adding activities, provide maximum economic benefits, emphasize local involvement and initiative, and address situations requiring an immediate response and commitment of funds.

The Code of lowa provides that 32.3 percent of the funding be spent on city streets, 3.2 percent on secondary roads and 64.5 percent on primary roads. City and county governments can apply for the city street and secondary road RISE funds. Primary road RISE funds are deposited directly into the Primary Road Fund for use on the Commercial and Industrial Network (CIN).

RISE funding assists the efforts of local communities to attract industries to lowa, as well as to expand existing ones. Since its beginning, RISE has assisted in creating or retaining more than 41,300 jobs. In addition, many other jobs may be created as new and expanding industries take advantage of land that is opened up for development with the help of RISE funding.

Several factors must be considered when evaluating RISE applications. These factors include: the effect on competition; the economic impact to the state; the quality of jobs to be assisted; and a business record of law violations.

There are two types of projects that are considered under the RISE Fund with the city street and secondary road funds.

Immediate Opportunity Projects - This category is reserved for projects that are related to an immediate, nonspeculative opportunity for permanent job creation or retention. The applicant should be in the process of negotiating a location or retention decision with a developer or firm, and must be able to demonstrate that an immediate funding commitment is essential to influence the job location or retention decision.

Applications are presented to the Iowa Transportation Commission for a decision as quickly as possible following a reasonable period for review and evaluation.

**Local Development Projects -** This category is for projects that support local economic development, but that do not require an immediate commitment of funds or do not meet the threshold set for immediate opportunity projects. These projects are selected through a competitive evaluation process conducted semiannually. Deadlines for submittal of applications are Feb. 1 and Sept. 1 of each year.

**RISE Overview** - A summary of the 25 projects awarded funding during FY 2006 is included.

**Annual Report -** This summary also serves as the annual report required by Iowa Administrative Code section 163.3(4). The following table documents the amount of RISE funding expended in FY 2006 compared with the amount of funding allocated to the RISE fund that year. It is possible that more funding is expended in a year than is allocated due to the timing of fund obligation, project construction and fund expenditure.

### Summary of FY 2006 RISE Fund Expenditures

	Amount	Amount	Percent	
	Expended	Allocated	Expended	
Primary Roads	\$22,748,796	\$22,748,796	100%	
City Streets	\$ 8,966,545	\$11,397,334	79%	
Secondary Roads	\$ 1,243,158	\$ 1,139,733	109%	

**RISE Fund Information and Services -** Requests for assistance or information should be addressed to the Iowa Department of Transportation, Office of Systems Planning, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1664.

# RISE Fund Immediate Opportunity Projects Fiscal Year 2006

				Percent of Non-		Total Capital Investment	Date of
Applicant Name	Business Type Involved	Rise Funds Approved	Total Road Project Cost	RISE Fund Participation	Jobs Assisted	(Non-RISE Fund)	Commission Approval
Denison	Meat processing	\$220,000	\$275,000	20%	80	\$81,100,000	11/1/2005
Floyd County	Ethanol	\$318,000	\$1,906,975	83%	53	\$125,000,000	12/13/2005
Pottawattamie County	Manufacturing	\$593,611	\$742,014	20%	200	\$32,659,200	1/10/2006
Mitchell County	Ethanol	\$201,800	\$252,250	20%	35	\$77,355,750	2/14/2006
Farley	Biodiesel	\$180,000	\$353,060	49%	30	\$45,790,000	3/14/2006
Adams County	Ethanol	\$240,000	\$378,000	37%	40	\$98,397,913	4/11/2006
Crawford County	Liquefaction/Dry ice manufacturing	\$175,000	\$218,750	20%	35	\$10,023,000	5/9/2006
Story City	Industrial/Manufacturing	\$137,420	\$171,775	20%	30	\$7,600,000	5/9/2006
Washington	Biodiesel	\$168,000	\$496,418	66%	28	\$50,200,000	6/13/2006
Waterloo	Food products	\$300,000	\$873,100	66%	50	\$45,150,000	6/13/2006
West Branch	Commercial/Office/Wholesale	\$350,000	\$917,282	62%	70	\$34,707,000	6/13/2006
Totals 11 approved pro	pjects	\$2,883,831	\$6,584,624		651	\$607,982,863	
Averages 11 approved	projects	\$262,166	\$598,602		59	\$55,271,169	

# Footnotes:

<sup>1.</sup> The total "RISE Funds Approved" includes both grant and loan funding.

<sup>2.</sup> All calculations are based on the effective cost to the RISE Fund which includes the net present value of any loan payment.

# RISE Fund Local Development Projects Fiscal Year 2006

				Rise		Percent of Non-RISE		Total Capital Investment	Date of
				Funds	Total Road	Fund	Jobs	(Non-RISE	Commission
Applicant Name	Cycle	9	Business Type Involved	Approved	Project Cost	Participation	Assisted	Fund)	Approval
Newton	February	2005	Tourism	\$6,832,500	\$13,665,000	50%	36	\$48,443,000	8/9/2005
Brooklyn	September	2005	Industrial/Manufacturing	\$81,000	\$162,000	50%	77	\$406,084	11/1/2005
Carroll	September	2005	Business park	\$165,426	\$330,852	50%	19	\$2,915,000	11/1/2005
Clarion	September	2005	Industrial/Manufacturing	\$338,175	\$676,350	50%	80	\$19,000,000	12/13/2005
Riverside	September	2005	Tourism	\$577,800	\$1,155,600	50%	0	\$577,800	12/13/2005
Cascade	September	2005	Industrial/Manufacturing	\$323,572	\$647,145	50%	0	\$2,200,767	1/10/2006
Des Moines	September	2005	Business park	\$521,290	\$1,042,580	50%	0	\$16,600,000	1/10/2006
Story City	September	2005	Industrial/Manufacturing	\$114,519	\$229,038	50%	0	\$1,909,839	1/10/2006
Independence	February	2006	Industrial/Manufacturing	\$146,750	\$293,500	50%	0	\$849,009	2/14/2006
Emmetsburg	February	2006	Tourism	\$402,634	\$805,269	50%	300	\$40,946,195	3/14/2006
Storm Lake	February	2006	Tourism	\$100,000	\$200,000	50%	69	\$30,000,000	3/14/2006
Alta	February	2006	Industrial/Manufacturing	\$100,000	\$200,000	50%	0	\$306,185	3/14/2006
Clear Lake	February	2006	Industrial/Manufacturing	\$429,100	\$858,200	50%	0	\$2,140,000	4/11/2006
Stacyville	February	2006	Industrial/Manufacturing	\$104,340	\$208,680	50%	0	\$184,340	5/9/2006
Totals - 14 appı	roved projects			\$10,237,106	\$20,474,214		581	\$166,478,219	
Averages - 14 a	pproved projec	cts		\$731,222	\$1,462,444		42	\$11,891,301	

# Footnotes:

- 1. The total "RISE Funds Approved" includes both grant and loan funding.
- 2. All calculations are based on the effective cost to the RISE program which includes the net present value of any loan payment.
- 3. Job creation or retention is not a criteria for project funding.

# RISE Fund Projects (Fiscal Year 2006)

LYON STATE HIGHWAY MAP Prepared By DICKINSON FOREST CITY lowa Department **63** of Transportation (2) коѕ в итн Phone (515) 239-1282 In Cooperation With HANCOCK PALO ALTO United States Department of Transportation (14) HUMBOLDT // (3) (6) FRANK LIN 0 WOODBURY Lytton 20 **3** D BENTON SCOTT (4a) GUTH RIE IARLAN (44) GUTHRIE **89 63** Local Development Immediate Opportunity ADAMS WAPELLO 35 (4) APPANOOSE PAGE 📆 8 WANNE KEOSAUQUA | INTERSTATE HIGHWAYS =====(80) U.S. HIGHWAYS STATE HIGHWAYS COUNTY SEAT

# Iowa Statewide Transportation Enhancements

# **Iowa Statewide Transportation Enhancements**

Transportation enhancement projects are intended to go beyond the normal mitigation of a transportation improvement project. Activities already required under the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users or any other federal law may not be funded as transportation enhancements. In addition, transportation enhancements must have a direct relationship to the surface transportation system, either as it exists or is planned.

To be eligible as a transportation enhancement activity, any project or area served by the project must fit one or more of the following categories:

- facilities for pedestrians and bicycles;
- safety and educational activities for pedestrians and bicyclists;
- acquisition of scenic easements and scenic or historic sites;
- acquisition of historic battlefields;
- scenic or historic highway programs, including tourist and welcome centers;
- landscaping and other scenic beautification;
- historic preservation;
- rehabilitation and operation of historic transportation buildings, structures or facilities, including historic railroad facilities and canals;
- preservation of abandoned railway corridors, including the conversion and use of those corridors for pedestrian or bicycle trails;
- control and removal of outdoor advertising, or inventory control for outdoor advertising;
- archaeological planning and research;
- environmental mitigation to address water pollution due to highway runoff or to reduce vehicle-caused wildlife mortality, while maintaining habitat connectivity; or
- establishment of transportation museums.

**Statewide Enhancement Projects -** Projects of statewide significance may be defined as having one or more of the following characteristics:

- statewide use or importance;
- impacts beyond regional or metropolitan area boundaries;

- enhancement of the quality or utility of the state transportation system;
- state tourism benefits: or
- statewide planning.

Statewide enhancement funding is requested by submitting a project application. Forms are available from the lowa Department of Transportation's (lowa DOT) Web site at iowadot.gov. Applications for statewide enhancement projects will be reviewed by one of three advisory committees: Trail and Bicycle Facility; Historic and Archaeological; or Scenic and Environmental. Projects that may qualify under several categories will be reviewed by the category specified by the project sponsor. A committee may refer an application to another committee for evaluation.

The Trail and Bicycle Facility Project Review Committee reviews statewide projects predominantly categorized as:

- facilities for pedestrians and bicycles;
- preservation of abandoned railway corridors, including the conversion and use of those corridors for pedestrian or bicycle trails; or
- safety and educational activities for pedestrians and bicyclists.

The Historic and Archaeological Project Review Committee reviews statewide projects predominantly categorized as:

- acquisition of historic sites and historic battlefields;
- historic highway programs, including tourist and welcome centers;
- historic preservation;
- rehabilitation and operation of historic transportation buildings, structures or facilities, including historic railroad facilities and canals:
- archaeological planning and research;
- establishment of transportation museums.

The Scenic and Environmental Project Review Committee reviews statewide projects predominantly categorized as:

- acquisition of scenic easements and scenic sites;
- scenic highway programs, including tourist and welcome centers;
- landscaping and other scenic beautification:

- control and removal of outdoor advertising; or
- environmental mitigation to address water pollution due to highway runoff or to reduce vehicle-caused wildlife mortality, while maintaining habitat connectivity.

Advisory committee members include recognized experts and representatives of interest groups appointed by the Iowa DOT and representatives of the Iowa departments of Natural Resources, Cultural Affairs, Economic Development, and Transportation.

**Funding -** Federal funding can provide up to 70 percent of the proposed cost of eligible activities.

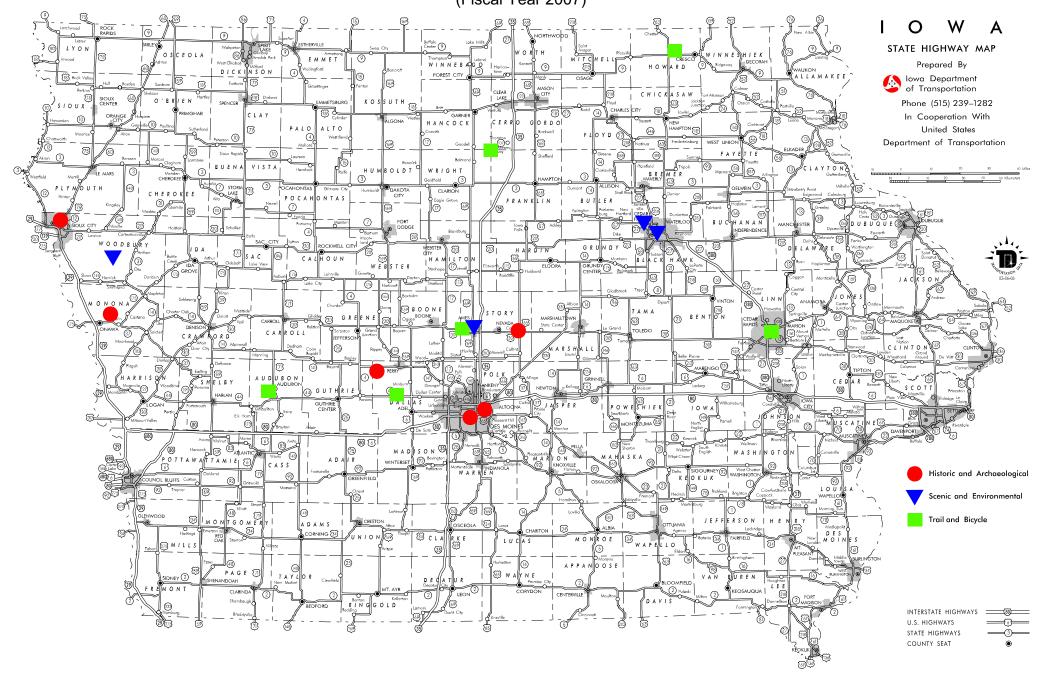
Applicants must provide a commitment of at least 30 percent of eligible costs. Federal funds cannot be used as matching funds unless expressly permitted by law. State funds are eligible for use as a match.

**Enhancement Information and Services -** Requests for assistance or information should be addressed to the Iowa Department of Transportation, Office of Systems Planning, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1664.

# Statewide Transportation Enhancements Approved Projects for Fiscal Year 2007

Sponsor	Project Title A	approved Amount
Historic and Archaeological		
Dallas County Conservation Board	Dawson Depot Acquisition and Restoration	\$ 52,500
Iowa DNR/Friends of Discovery	Lewis & Clark Keel Boat Interpretive Center	\$ 400,000
Sioux City/Siouxland Historic RR Assoc.	Phase IV: Milwaukee Railroad Shops Historic District Rehabilitation	\$ 606,856
State Historic Society of Iowa	On-Line Access to History, Architecture, and Archaeology Docume	nts \$ 220,275
Colo	Reed/Niland Corner Phase 3	\$ 131,363
Iowa DOT	Roads to the Capitol	\$1,000,000
Scenic and Environmental		
Waterloo	Cedar Valley River Renaissance Trail Enhancement	\$ 453,376
Trees Forever/Iowa DOT	Iowa's Living Roadways Project Program	\$ 200,000
Woodbury County Conservation Board	Loess Hills Scenic - Land Protection	\$ 555,550
University of Northern Iowa/Iowa DOT	Roadside Beautification/Maintenance Reduction: County Highway	\$ 200,000
Trail and Bicycle Facility		
Cedar Rapids	CEMAR Trail Phase 1	\$ 542,500
Dallas County Conservation Board	Raccoon River Valley Trail Addition	\$ 780,380
Iowa DOT	Rails to Trails	\$ 300,000
Audubon County Conservation Board	T-Bone Trail Phase IV	\$ 186,800
Howard County Conservation Board	The Prairie Farmer Recreational Trail Hard Surfacing Project	\$ 200,000
Iowa DOT	Urban Youth Corps	\$ 80,000
TOTAL		\$5,909,600

# Statewide Transportation Enhancement Projects (Fiscal Year 2007)



# lowa's Clean Air Attainment Program (ICAAP)

# Iowa's Clean Air Attainment Program (ICAAP)

ICAAP projects are intended to maximize emission reductions via traffic-flow improvements, reduce vehicle miles of travel, reduce single-occupant vehicle trips, improve air quality or reduce congestion. Projects should reflect a strong planning process involving close coordination among the lowa Department of Transportation, metropolitan planning organizations, transportation management areas, regional planning affiliations, and other state and local air quality agencies. Projects should have a high priority in appropriate congestion management systems or long-range transportation plans. Transportation control measures or other projects that are documented as improving air quality in lowa's State Implementation Plan (SIP) will receive the highest priority, if lowa should become a nonattainment state. The state may use its funds for any eligible project under the Congestion Mitigation and Air Quality Program or Surface Transportation Program.

The following types of projects are priorities for funding in lowa's program:

- projects that reduce ozone, carbon monoxide, or PM-2.5 and PM-10 air quality problems;
- projects that reduce single-occupant vehicle trips or vehicle miles of travel;
- transportation projects that reduce highway congestion and improve roadway traffic flow;
- transportation control measures or other transportation-related projects identified in an approved SIP if applicable; and/or
- projects that assist in the development of management systems for traffic congestion, public transportation or intermodal facilities.

**Eligibility -** Iowa's program funds may be used anywhere in the state for any activity eligible under the Surface Transportation Program as described in Section 133(b) of Title 23, U.S. Code, as amended by the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users, or the Congestion Mitigation and Air Quality Program, as indicated in Section 149(b) of Title 23, U.S. Code, as amended by SAFETEA-LU. To be eligible for lowa program funds, the project should fit into one or more of the following categories.

#### Traffic Flow Improvements

Highway and street projects that improve air quality or reduce congestion

#### Shared-Ride Services

 Establishment of carpool and vanpool programs, parking areas for people using these services, and programs to match drivers and riders

## Transit Improvements

 System and service expansion for bus and rail services, operational improvements, or demand and market strategies to make transit a more attractive transportation alternative and divert riders from single-occupant vehicle trips

### Travel Demand Management Strategies

 Techniques or programs that attempt to reduce demand for single-occupant vehicle travel, such as promotion of employee trip reduction programs, development of transportation management plans and establishment of "auto-free zones"

## Pedestrian and Bicycle Programs

 Bicycle and pedestrian facilities, promotional activities designed to encourage bicycle commuting and improved pedestrian walkways

# Vehicle Inspection and Maintenance Programs

 Start-up activities, such as updating quality assurance software, developing mechanic training curricula, construction of "high-tech" diagnostic facilities, and equipment purchases in networks meeting EPA criteria

# Other Projects and Programs

- Other projects and programs that use promising technologies and feasible approaches to reduce transportation emissions are eligible
- Conversion of public fleets to alternative-fueled vehicles (eligible under certain conditions)
- Feasibility studies necessary to provide environmental documentation are eligible, although general planning studies, traffic data collection activities and similar assessments are not

Transportation Control Measures

The transportation control measures specified in Section 108
 (f)(1)(A) of the Clean Air Act Amendment are generally eligible
 (Many of these also fall into one of the categories listed above.)

Transportation Activities in the State Implementation Plan

- Transportation activities in an approved state implementation plan, if applicable

Program Administration - lowa's program administration, project application process and eligibility determination is coordinated by the lowa Department of Transportation's Office of Systems Planning. A project evaluation committee evaluates and ranks projects. The Office of Systems Planning submits project funding recommendations to the lowa Transportation Commission for approval. The project evaluation committee consists of one representative selected from each of the following organizations: lowa Department of Transportation; lowa Department of Natural Resources; lowa Public Transit Association; metropolitan planning organizations; and regional planning affiliations. The lowa Transportation Commission has final project selection authority.

**ICAAP Information and Services -** Requests for assistance or information should be addressed to the lowa Department of Transportation, Office of Systems Planning, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1664.

# Iowa's Clean Air Attainment Program Approved Projects for Fiscal Year 2007

Sponsor	Project Title	Approved Amount	
Mason City and Union Pacific Railroad	19 <sup>th</sup> Street SW Grade Separation at Union Pacific Railroad	\$1,000,000	
Iowa DOT and Cedar Rapids	Collins Road (Iowa 100) Widening & Signal Replacement	\$1,000,000	
Des Moines	East University (Iowa 163) Traffic Signal Interconnect	\$ 360,000	
Dubuque	Locust St./U.S. 20/U.S. 61 Traffic Signal Interconnect	\$ 330,090	
Clive and Urbandale	NW 86 <sup>th</sup> Street & Hickman Road (U.S. 6) Intersection Improvements	\$ 500,000	
Council Bluffs	South 24 <sup>th</sup> St. Reconstruction between I-29/I-80 and 23 <sup>rd</sup>	\$1,200,000	
Iowa DNR	Statewide Information Campaign-Smoking Tailpipe Program	\$ 60,000	
Cedar Rapids	Wiley Blvd. & 16 <sup>th</sup> Ave. SW Traffic Signal Interconnect	\$ 251,625	
Total		\$4,701,715	

Iowa's Clean Air Attainment Projects
(Fiscal Year 2007) STATE HIGHWAY MAP Prepared By DICKINSON FOREST CITY 🔝 Iowa Department of Transportation коѕ в итн Phone (515) 239-1282 GARNER HANCOCK In Cooperation With PALO ALTO United States Department of Transportation HUMBOLDT FRANKLIN WOODBURY **3** D BENT ON SCOTT a GUTH HARLAN (44) GUTHRIE **89 63** ADAMS WAPELLO 35 (14) APPANOOSE PAGE (7) 8 WANNE KEOSAUQUA | INTERSTATE HIGHWAYS

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# Traffic Safety Improvement Program

# **Traffic Safety Improvement Program**

Traffic Safety Improvement Funds can be used for traffic safety improvements or studies on public roads under county, city or state jurisdiction. Projects can be initiated by any incorporated city or county, or the lowa Department of Transportation (Iowa DOT). The program is administered by the Iowa DOT, with funding of about \$5.5 million per year.

Three separate funding categories are available.

Construction or Improvement of Traffic Operations at a Specific Site - Eligible projects for construction or improvement of traffic operations at a specific site include the following:

- road modernization, upgrading or reconstruction;
- bridge and culvert modernization, replacement or removal;
- road intersection and interchange improvement, including channelization, traffic control devices and lighting;
- right of way required for a traffic safety project;
- drainage and erosion control measures that are an integral part of the project;
- traffic control devices required by the project;
- guardrail;
- tree removal; or
- other construction activities directly related to or required by the safety project.

Purchase of Materials for Installation of New or Replacement of Obsolete Traffic Control Devices - Cost of materials purchased for the initial installation of traffic control devices or replacement of obsolete traffic control devices to comply with the applicable warrants in the Manual on Uniform Traffic Control Devices are eligible for funding.

**Transportation Safety Research, Studies or Public Information Initiatives-** Funding is available for research, studies and public information initiatives relating to traffic safety, which can include:

- research addressing traffic safety concerns;
- studies to address remedies for traffic operations safety at a specific location; or
- public information initiatives to emphasize traffic safety.

The maximum traffic safety funding for a site-specific project shall not exceed \$500,000, and total funding allotted for traffic control materials cannot exceed \$500,000 annually. Total funding allotted for all research, studies and public information initiatives shall not exceed \$500,000 annually.

Applications for FY 2007 funding consideration were due Aug. 15, 2005. Applications were submitted requesting \$7,238,707 in safety funding. Nineteen of the applications requested site-specific funding, 11 requested traffic control device funding, and 28 requested funding for studies and public information initiatives. In February 2006, the lowa Transportation Commission approved funding for 43 projects for \$5,361,118 in traffic safety improvement funding. A list of the approved projects is shown on the following pages.

**Traffic and Safety Information and Services -** Applications for funding consideration in FY 2008 were due by Aug. 15, 2006. Application forms or further information concerning the Traffic Safety Improvement Fund may be obtained by contacting the Iowa Department of Transportation, Office of Traffic and Safety, 800 Lincoln Way, Ames, IA 50010, telephone 515-239-1557, iowadot.gov.

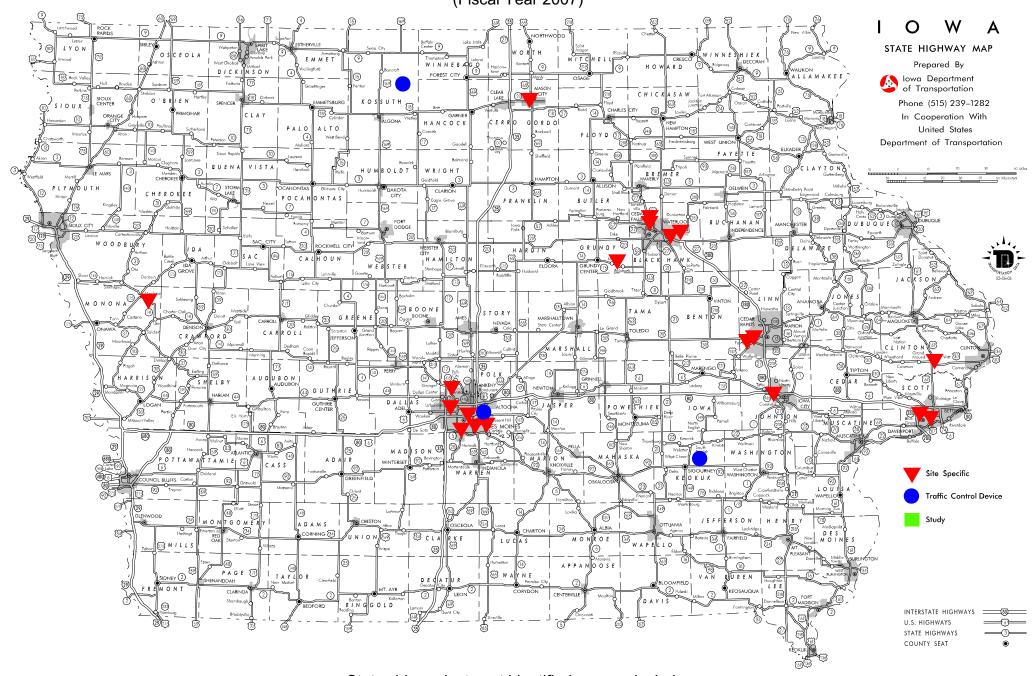
# **Traffic Safety Improvement Program Projects**

Applicant	Location	Type of Funds	Approved Safety Funding
Black Hawk County	lowa 281 (Independence Avenue) at Black Hawk Co. Rd. V-49 (Raymond Road)	Site	\$500,000
Cedar Rapids	16th Avenue at Jacolyn Drive SW	Site	\$57,746
Cedar Rapids	Wiley Boulevard at 20th Avenue SW	Site	\$52,929
Clive / Urbandale	U.S. 6 (Hickman Road) and NW 86th Street	Site	\$390,000
Coralville	U.S. 6 from 12th Avenue west to 22nd Avenue	Site	\$500,000
Davenport	Hickory Grove Road at Hillandale Road	Site	\$181,500
Davenport	U.S. 6 (Kimberly Road) at Division Street	Site	\$350,000
Des Moines	University Avenue at 27th, 29th and 4th Streets; Grand Avenue at East 13th Street	Traffic Control Devices	\$75,000
Des Moines	Crocker Street at 5th Avenue, 6th Avenue and 7th Street	Site	\$150,000
Des Moines	Army Post Road between South Union/Chaffee and SE 5th Street	Site	\$500,000
Des Moines	SW 7th Street at Indianola Road	Site	\$285,000
Des Moines	Hubbell Avenue at East 29th Street	Site	\$140,000
DeWitt	11th Street at 6th Avenue	Site	\$165,185
<b>Grundy County</b>	Iowa 175 at Grundy County Rd. T-55	Site	\$9,000
lowa DOT	lowa 141 from Monona County Rd L-32 to 170th Street in Monona County	Site	\$399,258
lowa DOT	Autoscope video data collection for traffic safety studies	Studies	\$10,000
lowa DOT	Educational services for safety analysis software	Studies	\$35,000
lowa DOT	Intersection magic statewide license	Studies	\$10,000
lowa DOT	Intersection safety engineering workshop	Studies	\$20,000
lowa DOT	Engineering safety analysis tools	Studies	\$20,000
lowa DOT	Experimental application of pavement markings	Studies	\$50,000
lowa DOT	Before & after study of 70-mph speed limit	Studies	\$30,000
lowa DOT	Traffic sign inventories / replacement program	Studies	\$25,000

# **Traffic Safety Improvement Program Projects**

Applicant	Location	Type of Funds	Approved Safety Funding
lowa DOT	Work zone safety training	Studies	\$45,000
Iowa DOT	Traffic and safety engineering forum, training and peer exchange	Studies	\$35,000
Iowa DOT	SMS lowa comprehensive highway safety plan	Studies	\$50,000
Iowa DOT	Comprehensive safety management system CHSP implementation	Studies	\$22,000
Iowa DOT	Safety circuit rider support	Studies	\$20,000
Iowa DOT	lowa traffic safety data services center	Studies	\$25,000
Iowa DOT	Incident management training for rural lowa	Studies	\$20,000
Iowa DOT	Evaluating red light running cameras - phase II	Studies	\$35,000
Iowa DOT	Synthesis of practices for Iowa DOT roundabout guidelines	Studies	\$25,000
Iowa DOT	Clear zone requirements on urban streets	Studies	\$25,000
Iowa DOT	Older driver and pedestrian accommodation demonstration project	Studies	\$60,000
Iowa DOT	Statewide - traffic sign inventories / replacement program	Traffic Control Devices	\$250,000
Iowa DOT	Statewide - rural stop sign rumble strips	Traffic Control Devices	\$77,665
Iowa DOT	Iowa 122 from Winnebago Way to Pierce Avenue in Mason City	Site	\$250,000
Keokuk County	Replace worn out regulatory and warning signs	Traffic Control Devices	\$29,202
Kossuth County	Replace worn out regulatory and warning signs	Traffic Control Devices	\$68,133
Polk County	NW 66th Avenue at NW Toni Drive - add turn lanes	Site	\$50,000
Waterloo	Airport Boulevard at westbound Broadway Street	Site	\$155,500
Waterloo	Dubuque Road at intersection with Idaho/Adrian Street	Site	\$120,000
Waterloo	Airport Boulevard at eastbound Broadway Street	Site	\$43,000
TOTAL	43 Projects		\$5,361,118

# Traffic Safety Improvement Program Projects (Fiscal Year 2007)





# **Highway Program**

This section contains the primary and interstate highway construction-related investments planned for FY 2007 through 2011. In general, contracts awarded during a fiscal year are constructed during the corresponding calendar year. The highway program is arranged by county and route. A map showing the location of each 2007 project in the state is on page 41 of this report.

Highway Program Objectives - The highway program was developed to achieve several objectives. Foremost is preserving lowa's existing highway system. The highway program includes \$170 million annually in 2008 through 2011 for investments on the interstate system. It includes \$90 million annually for non-interstate pavement preservation and \$35 million annually for bridges. The highway program also includes \$15 million annually for safety projects.

Another objective is to complete projects that have already been started. Interstate 235 in Des Moines is scheduled for completion in 2007. The Iowa 60 corridor in northwest Iowa is scheduled for completion in 2007. The Des Moines to Burlington corridor is scheduled for completion in 2008.

Also, the highway program includes several projects that received funding from the federal transportation appropriations act. The projects funded either result in a completed project or project that provides a useable segment of a larger project.

**Public Participation -** Throughout the year lowa DOT staff meet with local agencies and organizations to discuss potential projects and local transportation issues. During the five-year program development process, officials from cities, counties and other agencies are provided preliminary information regarding proposed construction in their areas. Comments on the proposed program are encouraged.

During 2006, the Iowa Transportation Commission conducted meetings at four locations around the state for the specific purpose of receiving public input concerning planning and programming. Meetings were conducted in Bettendorf, West Des Moines, Carroll, and Sioux City. Approximately 30 delegations presented their views.

**Highway Program Information and Services -** On a periodic basis, the Transportation Commission considers adjustments to the highway program. Information regarding these changes can be accessed on the Iowa DOT's Web site at iowadot.gov.

# Cooperative State Traffic Engineering Program (U-STEP and C-STEP)

In 1977 a special purpose safety program was established by the lowa Transportation Commission as a means of reducing accidents and improving operations on the urban extensions of the Primary Road System. The Urban-State Traffic Engineering Program (U-STEP) was established to share the construction cost of traffic engineering improvements at spot locations, such as intersections or other bottlenecks. This program has funded new or remodeled traffic signal systems, interconnection or coordination of signals, intersection reconstruction, construction of turning lanes, bottleneck elimination, widening or adding lanes for through traffic, and other safety related improvements.

Effective Jan. 1, 1983, the Iowa Transportation Commission established the County-State Traffic Engineering Program (C-STEP) to join with interested counties in resolving similar problems outside of the cities. The state share of the construction and right-of-way

costs for both U-STEP and C-STEP spot-improvement projects has been set at 55 percent, with the local jurisdiction furnishing the engineering and project supervision. Some improvements of larger scope, requiring linear, rather than spot improvements, are also eligible. Projects are approved by the lowa Department of Transportation Highway Division Director.

Many candidate projects have been identified as a result of a state-federal Traffic Engineering Assistance Program (TEAP). Traffic engineering consultants have been retained by the lowa Department of Transportation and are available to local governments, as requested and on a first-come, first-served basis. The program is funded by the Federal Highway Administration. A city or county can obtain a traffic engineering evaluation of a problem situation at no cost.

# County-State Traffic Engineering Program (C-STEP)

#### A. Spot Improvements - Safety or Operational

For cooperative safety or operational improvements on the rural portion of the Primary Road System (outside corporate limits).

State share - 55 percent of the construction cost of a qualified project, with a limit of \$200,000 of state funds per project. The county will furnish the engineering.

#### B. Linear Improvements - Safety or Operational

Cooperative Improvement			Cooperative Improvement				
State Jurisdiction Retained			Transfer to Local Jurisdiction				
Rehabilita	tion	Reconstructi	on	Rehabilitati	on	Recon	struction
State	Limit	State	Limit	State	Limit	State	Limit
Share(%)	(\$/Mi.)	Share(%)	(\$/Mi.)	Share(%)	(\$/Mi.)	Share(	%) (\$/Mi.)
30	45.000	30	75.000	60	90.000	60	150.000

Shared project cost to apply to construction only. The county will furnish the engineering.

# **Urban Traffic Engineering Program (U-STEP)**

#### A. Spot Improvements - Safety or Operational

For cooperative safety or operational improvements on municipal extensions of the Primary Road System. State share - 55 percent of the construction cost of a qualified project, with a limit of \$200,000 of state funds per project. The city will furnish the engineering.

#### B. Linear Improvements - Safety or Operational

For occasional safety or operational improvements spanning two or more intersections on municipal extensions of the Primary Road System. Limited to situations for which a single location improvement is inadequate. State share is 55 percent of the construction cost of a qualified project, with a limit of \$400,000 of state funds per project. The city will furnish the engineering.

# **Living Roadway Trust Fund**

The Living Roadway Trust Fund (LRTF) was established by the Iowa General Assembly in July 1989. This fund was created to implement Integrated Roadside Vegetation Management (IRVM) programs on city, county or state rights of way or areas adjacent to traveled roadways. As part of the legislation, an IRVM coordinator's office was established to administer grants and assist in developing community enhancement projects or other planting demonstration projects throughout the state. Examples of projects eligible for funding through this program are planning and public education, installation or initial maintenance and development, special staff training, special equipment or increased protection for existing vegetation. The Iowa Code, Section 314.22 requires that county or city applicants must have an IRVM plan on file with the IRVM coordinator's office before applying for funds. It further states that all county applications must be sponsored by the county engineer or conservation board. The application deadline is July 31 each year. All applications received are reviewed by the IRVM technical advisory committee. This committee is appointed by the director of the Iowa Department of Transportation (Iowa DOT) and recommends approval of qualified applications. The director authorizes funding based on the recommendations of the advisory committee.

The Living Roadway Trust Fund (LRTF) has four funding sources:

- 1. \$250,000 from the Road Use Tax Fund (RUTF);
- 2. fees obtained from utility easements along interstate and other divided, four-lane, access-controlled highways;
- 3. three percent of Resource Protection and Enhancement (REAP) funds; and
- 4. three percent of REAP license plate revenue.

Income from these sources, after distribution of the legislatively mandated amounts, are divided between city, county and state projects according to the Road Use Tax Fund distribution formula.

Since the beginning of this program, more than \$9.75 million has been approved for more than 900 projects around the state. These funds allowed the purchase of special equipment, roadside inventories, gateway plantings, native grass and forb seed, tree and shrub plantings, and research and educational programs.

The IRVM coordinator's office established the framework to begin the program and the state IRVM plan. The office has funded a wildflower brochure, educational display and native wildflower posters. Also, native seed for planting has been provided to lowa Department of Transportation garage sites, interstate rest areas and public school grounds. These projects enhance aesthetics, and provide identification and management training and future seed sources.

Public education is one of the major goals of the Living Roadway Trust Fund program. The coordinator's office makes presentations and attends conferences around the state to explain the program. Distribution of brochures, posters and other information to increase awareness and public support for lowa's native vegetation is available on request.

Applications for FY 2006 funding were submitted by cities, counties and the state. The total amount of funding requested was \$1,750,000, of which \$667,677 will be funded.

# **Living Roadway Trust Fund Information and Services**

Requests for applications or additional information about this program should be directed to the Iowa Department of Transportation, Office of Design, 800 Lincoln Way, Ames IA 50010, Attention: Roadside coordinator; or call 515-239-1768. More information on projects and the Living Roadway Trust Fund program can be viewed at iowalivingroadway.com.

# Living Roadway Trust Fund Projects (Fiscal Year 2006)

STATE HIGHWAY MAP Prepared By DICKINSON FOREST CITY Nowa Department **63** of Transportation @ коѕ в итн Phone (515) 239-1282 In Cooperation With HANCOCK United States Department of Transportation HUMBOLDT FRANKLIN WOODBURY **3** BENT ON SCOTT ⊕ GUTH **89 63** ADAMS Number in symbol corresponds to 35 the number of projects in that area. (14) APPANOOSE PAGE (7) 8 WANNE 2 INTERSTATE HIGHWAYS =====(80) U.S. HIGHWAYS STATE HIGHWAYS COUNTY SEAT

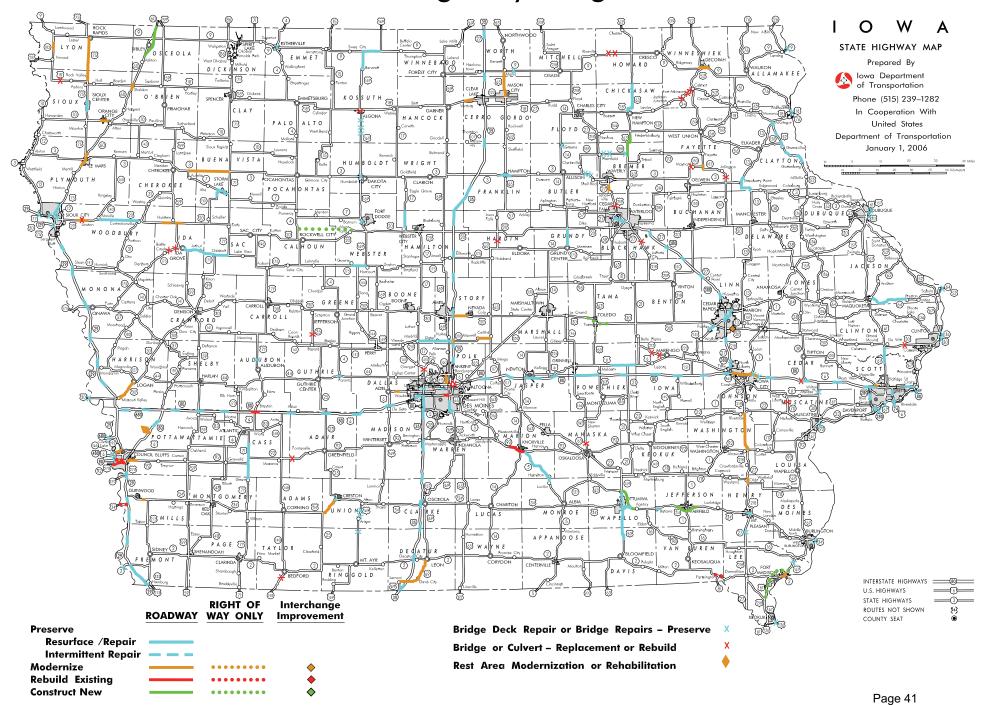
# Living Roadway Trust Fund Projects (Fiscal Year 2006)

State Projects	County	Approved Funding
Living Roadway Trust Fund (LRTF) projects	Story	\$75,000
LRTF office assistance	Johnson	\$35,000
Fire training for roadside management personnel	Black Hawk	\$2,025
Printing materials	Black Hawk	\$10,000
National Roadside Veg. Mgmt. Assoc. 2006 host	Black Hawk	\$10,716
Ecotype project	Black Hawk	\$38,340
National Roadside Veg. Center equipment	Black Hawk	\$4,860
Iowa's Living Roadways enhancement match	Linn	\$60,000
Stewards of the Beautiful Land	Linn	\$18,000
Exploding with Color	Black Hawk	\$12,000
Gateway planting and Prairie Learning Park	Winneshiek	\$10,000
Continued inventory of nine counties	Story	\$21,000
Research, forb establishment in grass seedings	Story	\$9,000
Research, prairie establishment	Story	\$28,244
Research, forb establishment in grass plantings	Black Hawk	\$23,976
Remake of Runkle prairie book	Johnson	\$6,350
Subtotal		\$364,511
City program assistance - Trees Forever	Story	\$50,000
Trail plantings - Linn County Trails Association	Linn	\$2,460
Gateway to city park - city of Marion	Linn	\$17,650
Subtotal		\$70,110

# Living Roadway Trust Fund Projects (Fiscal Year 2006)

County Projects	County	Approved Funding
University of Northern Iowa	Black Hawk	\$75,000
Roadside prairie booklet and Web site	Iowa	\$6,500
Inventory	Worth	\$4,500
Inventory	O'Brien	\$4,500
Planting for Indian Creek Nature Center road	Linn	\$1,204
Seed for wetland diversity mix	Linn	\$3,427
Living snow fence planting	Linn	\$1,882
Storage for seed	Audubon	\$1,500
Equipment, Global Positioning System	Allamakee	\$4,500
Equipment, Global Positioning	Appanoose	\$4,500
System/Geographic Information Systems		
Equipment, Global Positioning	Palo Alto	\$4,500
System/Geographic Information System Equipment, vicon broadcast seeder	Johnson	\$3,000
• •	Winnebago	\$3,000 \$15,000
Equipment, hydro seeder Equipment, hydro seeder	Shelby	\$9,200
Equipment, hydro seeder	Keokuk	\$9,200 \$15,000
Equipment, hydro seeder Equipment, burn	Mitchell	\$2,020
Equipment, burn	Henry	\$2,020 \$740
Equipment, mulch tucker	Jones	\$3,675
Equipment, Traicin tucker Equipment, Tommy silt fence installer	Des Moines	\$6,214
Equipment, tree limb shear	Henry	\$3,000
Equipment, boom mower	Story	\$14,500
Equipment, sprayer	Buchanan	\$5,839
Equipment, one injection sprayer	Pottawattamie	\$14,300
Equipment, UTV	Clay	\$5,000
Equipment, ATV, and Hydro seeder	Polk	\$19,000
Storage shed, seed, and equipment	Appanoose	\$1,500
Equipment, seed cleaning	Cerro Gordo	\$3,055
=qaipmoni, ooda didaning	30110 30140	ψ0,000
Subtotal		\$233,056
TOTAL		\$667,677

# 2007 Highway Program



# **Highway Program Key**

(1)	(2)	(3)	(4)	(5) TYPE OF	PROJE	(6) PROJECT ESTIMATED COSTS			
RTE	ADT	LOCATION	MILES	WORK	2007	2008	2009	2010	2011
		(78) POTTAWATTAMIE							
275	8700	MISSOURI RIVER IN COUNCIL BLUFFS TO I-29	5.2	GRADE AND PAVE TRAFFIC SIGNALS BRIDGE NEW WETLAND MITIGATION RIGHT OF WAY BRIDGE REHABILITATION LIGHTING	9886 1193 2208 1050 150	5897 1000 70	242		
				EROSION CONTROL		70	312		

# Example-

- (1) Project is on US 275.
- (2) Average daily traffic on this section is 8,700 vehicles.
- (3) The project is in Pottawattamie County, from the Missouri River in Council Bluffs to I-29.
- (4) The project is 5.2 miles long.
- (5) Type of work programmed.
- (6) Project costs programmed for each year.

#### Abbreviations -

EB- eastbound NB - northbound WB - westbound SB - southbound RR - railroad REHAB - rehabilitation

RD - road WCL, ECL, NCL, SCL = direction city limit

JCT - Junction PKWY - Parkway I - Interstate IA - Iowa

CO - County NW - northwest DR - Drive ST - Street SW - southwest SE - southeast

NE - northeast

					PROJECT ESTIMATED COSTS X \$1000					
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011	
		(01) ADAIR								
80	19900	IAIS RR 0.5 MILE WEST OF CO RD N-54 (EB & WB)		BRIDGE REPLACEMENT		1550	1620			
80		REST AREA 3.0 MILES EAST OF ADAIR (WB)		REST AREA IMPROVEMENT			3100			
92	1210	CLARK BRANCH OF WEST NODAWAY RIVER 0.8 MILE EAST OF CASS CO		BRIDGE REPLACEMENT WETLAND MITIGATION	1037 100					
		(03) ALLAMAKEE								
9	2100	MISSISSIPPI RIVER BRIDGE AT LANSING STATE SHARE		BRIDGE WASHING	20	20	20	20	20	
		(05) AUDUBON								
71	2180	BLUE GRASS CREEK 7.4 MILES SOUTH OF CARROLL CO		BRIDGE DECK OVERLAY	144					
		(06) BENTON								
218	2840	MUD CREEK 0.6 MILE SOUTH OF VINTON		RIGHT OF WAY BRIDGE REPLACEMENT	10	1165				
218	1290	PRATT CREEK 7.1 MILES WEST OF VINTON		RIGHT OF WAY BRIDGE REPLACEMENT		9	880			
		(07) BLACK HAWK								
57	2650	STREAM 0.4 MILE EAST OF GRUNDY CO		RIGHT OF WAY BRIDGE REPLACEMENT	9		700			
218	3200	WOLF CREEK IN LA PORTE CITY		BRIDGE REPLACEMENT					2174	
218	3860	STREAM 1.0 MILE SOUTH OF WASHBURN		BRIDGE DECK OVERLAY				150		
218	4630	STREAM 6.2 MILES NW OF LA PORTE CITY		BRIDGE REPLACEMENT	746					

					PROJECT ESTIMATED COST				
RTE	ADT	LOCATION		TYPE OF WORK	2007	2008	2009	2010	2011
		(07) BLACK HAWK							
218		SOUTH OF MT VERNON RD NORTH OF CEDAR FALLS		CULVERT REPLACEMENT	250				
934	17900	UNIVERSITY AVE FROM IA 58 TO US 63	4.8	B PAVEMENT REHAB	2765				
		(08) BOONE							
30	3780	BEAVER CREEK 0.8 MILE EAST OF GREENE CO		RIGHT OF WAY BRIDGE REPLACEMENT	6	1185			
30	6600	DES MOINES RIVER WEST OF BOONE (EB & WB)		BRIDGE DECK OVERLAY				679	
30	840	) CO RD OVER US 30 1.1 MILES WEST OF STORY CO		BRIDGE DECK OVERLAY		275			
210	2680	) IA 17 IN MADRID TO 0.1 MILE EAST OF I-35 IN STORY CO	12.6	6 PAVEMENT REHAB	1496				
930	2220	O CO RD OVER US 30 1.4 MILES WEST OF STORY CO (NB)		BRIDGE DECK OVERLAY		374			
		(09) BREMER							
63	15900	) 1.5 MILES SOUTH OF IA 188 TO 1.3 MILES SOUTH OF US 18/IA 346 IN CHICKASAW CO	7.6	G CULVERT NEW GRADE WETLAND MITIGATION BRIDGE NEW PAVE LIGHTING TRAFFIC SIGNS EROSION CONTROL	525 5720 800	2818	11878 30 50	650	
188	990	CEDAR RIVER OVERFLOW 0.6 MILE EAST OF PLAINFIELD		BRIDGE DECK OVERLAY	244				
188	990	CEDAR RIVER 0.8 MILE EAST OF PLAINFIELD		BRIDGE DECK OVERLAY	318				
188	680	CRANE CREEK 1.1 MILES WEST OF US 63		BRIDGE DECK OVERLAY	148				

					PROJECT ESTIMATED COSTS X \$1000					
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011	
		(09) BREMER								
218	6900	1.0 MILE SOUTH OF CO RD C-50 TO WAVERLY BYPASS	6.0	0 PAVE	1500					
218		WAVERLY BYPASS TO PLAINFIELD		CULVERT EXTENSION RIGHT OF WAY	183 17					
		(10) BUCHANAN								
150	4500	BEAR CREEK 3.3 MILES SOUTH OF INDEPENDENCE		RIGHT OF WAY BRIDGE REPLACEMENT WETLAND MITIGATION		3	1039 75			
		(11) BUENA VISTA								
3	1580	BROOK CREEK 6.1 MILES WEST OF US 71		RIGHT OF WAY BRIDGE REPLACEMENT			9	810		
7	9400	) IN STORM LAKE FROM BARTON ST TO MCKENNA DR	3.0	0 PAVEMENT REHAB	1350					
110	4960	) IN STORM LAKE FROM WEST 5TH TO IA 7	0.8	8 PAVEMENT REHAB	230					
		(12) BUTLER								
3	3200	IANR RR 1.7 MILES EAST OF IA 188		BRIDGE DECK OVERLAY	304					
3	3200	SHELL ROCK RIVER 0.1 MILE WEST OF SHELL ROCK		BRIDGE DECK OVERLAY	262					
14	1200	) COLD WATER CREEK 1.2 MILES SOUTH OF GREENE		RIGHT OF WAY BRIDGE REPLACEMENT		9	1125			
14	1300	SHELL ROCK RIVER IN GREENE		BRIDGE DECK OVERLAY	442					
		(13) CALHOUN								
20	2040	SAC CO TO IA 4	9.0	0 RIGHT OF WAY		2234				

	PROJECT ESTIMATED						OSTS X	51000
RTE	ADT	LOCATION	MILES TYPE OF WORK	2007	2008	2009	2010	2011
		(13) CALHOUN						
20	3160	) IA 4 TO WEBSTER CO	13.2 RIGHT OF WAY CULVERT NEW GRADE BRIDGE NEW PAVE LIGHTING TRAFFIC SIGNS PAVEMENT REHAB EROSION CONTROL	3300	1819 17033	1227	19270 163 174	2011 1870
		(15) CASS						
71	1830	) MONTGOMERY CO TO CO RD G-43	10.4 PAVEMENT REHAB	6115				
80	19600	POTTAWATTAMIE CO TO EAST JCT IA 173 (WB)	5.8 PAVEMENT REHAB		2260			
80	23900	CASS-ADAIR-MADISON-DALLAS CO	PATCHING	200	400	300	200	200
80	18800	OVER US 71 AND ABANDONED RR	GRADE AND PAVE LIGHTING TRAFFIC SIGNS BRIDGE REPLACEMENT EROSION CONTROL	2816 39 26	930 205	1798 970		
80	18500	EAST NISHNABOTNA RIVER 0.7 MILE EAST OF US 71 (EB & WB)	BRIDGE REPLACEMENT		1900	1980		
92	1080	) WEST NODAWAY RIVER 1.9 MILES EAST OF IA 148	BRIDGE REPLACEMENT			1110		
		(16) CEDAR						
80	3260	) CO RD X-30 AT 8.0 MILES EAST OF IA 1	BRIDGE REHABILITATION	N		585		
80	31900	) WEST OF CO RD X-40 TO CO RD X-46 (EB & WB)	8.1 PAVEMENT REHAB				7096	

				PROJE	CT ESTIN	MATED C	 OSTS X \$	1000
RTE	ADT LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011
	(16) CEDAR							
80	32000 CEDAR RIVER 0.9 MILE WEST OF WEST	JCT IA 38	BRIDGE REPLACEMENT WETLAND MITIGATION	6000 100	1250	6160		
130	1940 STREAM 0.7 MILE EAST OF TIPTON		GRADE AND PAVE  RIGHT OF WAY  CULVERT REPLACEMENT	9	1350	990		
130	1940 STREAM 2.5 MILES EAST OF TIPTON		RIGHT OF WAY BRIDGE REPLACEMENT	9	543 657			
	(17) CERRO GORDO							
18	7960 MAIN ST INTERSECTION IN VENTURA		PAVEMENT REHAB/WIDEN RIGHT OF WAY	347 10				
65	4700 MASON CITY TO MANLY IN WORTH CO	8.5	5 PAVE	1000				
65	6900 WINNEBAGO RIVER 0.6 MILE NORTH OF	MASON CITY	WETLAND MITIGATION BRIDGE REPLACEMENT		50	1316		
65	5700 SPRING CREEK 2.9 MILES SOUTH OF W	ORTH CO	RIGHT OF WAY WETLAND MITIGATION BRIDGE REPLACEMENT	13	50	1336		
122	22500 CHESLEA CREEK IN MASON CITY		BRIDGE REPLACEMENT				537	
	(18) CHEROKEE							
3	1660 IA 7 TO US 71 IN BUENA VISTA CO	15.2	2 PAVEMENT REHAB/WIDEN	1370				
59	3050 CC RR 0.5 MILE SOUTH OF CHEROKEE		BRIDGE DECK OVERLAY				400	
	(19) CHICKASAW							
63	3430 NEW HAMPTON BYPASS TO HOWARD C	O 8.9	PAVEMENT REHAB	3020				

				CT ESTIN			\$1000
RTE	ADT LOCATION	MILES TYPE OF WORK	2007	2008	2009	2010	2011
	(19) CHICKASAW						
63	NEW HAMPTON BYPASS	WETLAND MITIGATION	15				
	(20) CLARKE						
35	14500 DECATUR CO TO US 34 (NB)	8.7 PAVEMENT REHAB		5210			
35	14500 DECATUR CO TO US 34 (SB)	8.7 PAVEMENT REHAB			11800		
35	14500 CREEK 1.3 MILES SOUTH OF US 34 (NB & SB)	BRIDGE DECK OVERLAY		595			
35	7300 US 34 OVER I-35 (EB & WB)	BRIDGE REPLACEMENT			2770		
35	16400 US 34 TO WARREN CO (NB & SB)	9.9 PAVEMENT REHAB					8987
	(21) CLAY						
18	4100 LITTLE SIOUX RIVER 3.1 MILES EAST OF EAST JCT US 71	RIGHT OF WAY BRIDGE REPLACEMENT			9	3225	
	(22) CLAYTON						
3	2750 STRAWBERRY POINT EAST TO IA 13	5.8 PAVEMENT REHAB	1800				
13	2920 IN STRAWBERRY POINT	1.0 PAVEMENT REHAB	874				
18	9200 MISSISSIPPI RIVER BRIDGE IN MARQUETTE STATE SHARE	BRIDGE WASHING BRIDGE PAINTING	20 1700	20	20	20	20
52	2970 GUTTENBURG TO US 18 - VARIOUS LOCATIONS	21.5 PAVEMENT REHAB	1220				
128	1550 STREAM 0.9 MILE EAST OF IA 13	CULVERT REPLACEMENT		165			
128	1550 STREAM 0.8 MILE WEST OF US 52	CULVERT REPLACEMENT		165			

	ADT	· LOCATION	MILES TYPE OF MODE	PROJE	CT ESTIN	MATED C	 OSTS X \$	31000	
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011
		(23) CLINTON							
30	8900	STREAM 3.0 MILES EAST OF CO RD Z-36		CULVERT REPLACEMENT	235				
30	12200	) SOUTH 14TH ST TO SOUTH 4TH ST IN CLINTON (LIBERTY SQUARE)	1.1	I PAVE GRADE RIGHT OF WAY			4713 7741 6847		
30	10000	) MISSISSIPPI RIVER BRIDGE IN CLINTON - STATE SHARE		BRIDGE WASHING	20	20	20	20	20
136	9500	) MISSISSIPPI RIVER BRIDGE IN CLINTON STATE SHARE		BRIDGE WASHING BRIDGE RAIL RETROFIT	25	25 450	25	25	25
		(25) DALLAS							
6		CO RD R-16 EAST OF ADEL		GRADE AND PAVE	200				
80	24500	) US 6 TO CO RD P-58 (EB)	5.9	PAVEMENT REHAB		2370			
		(26) DAVIS							
2	1900	FOX CREEK 1.7 MILES EAST OF APPANOOSE CO		RIGHT OF WAY BRIDGE REPLACEMENT			11		758
63	5400	) CO RD J-15 TO SOUTH OF US 34 IN WAPELLO CO	10.4	4 PAVEMENT REHAB	3742				
		(27) DECATUR							
35	14200	DECATUR-CLARKE-WARREN CO	67.0	) PATCHING	500	700	700	500	500
69	1130	) LAMONI TO LEON	15.0	PAVEMENT REHAB/WIDEN	4165				
69	4090	) ABANDONED RR IN LEON		RIGHT OF WAY	4				

		LOCATION				CT ESTIN	 1ATED C	 OSTS X \$	1000
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011
	<b></b> _	(28) DELAWARE							
3	1220	STREAM 0.7 MILE WEST OF EDGEWOOD		RIGHT OF WAY CULVERT EXTENSION	24		180		
3	1220	BRANCH OF STEELES CREEK 1.8 MILES EAST OF EDGEWOOD		BRIDGE REPLACEMENT			496		
3	740	LITTLE TURKEY RIVER 2.7 MILES WEST OF DUBUQUE CO		BRIDGE REPLACEMENT			269		
20	6900	BRANCH OF PLUM CREEK 5.0 MILES EAST OF IA 38		BRIDGE DECK OVERLAY		191			
38	2320	OVER US 20 AT 0.2 MILE SOUTH OF DELAWARE		BRIDGE DECK OVERLAY		383			
		(29) DES MOINES							
34	3100	RAMP OVER BNSF RR & CITY ST 1.6 MILES WEST OF ILLINOIS IN BURLINGTON		BRIDGE DECK OVERLAY			500		
34	14300	BNSF RR & CITY ST 1.5 MILES EAST OF US 61 IN BURLINGTON		BRIDGE DECK OVERLAY			1000		
34	10400	MISSISSIPPI RIVER BRIDGE IN BURLINGTON STATE SHARE		BRIDGE WASHING LIGHTING	25	25 10	25	25	25
34	1800	4TH STREET OVER US 34 IN BURLINGTON		BRIDGE DECK OVERLAY			174		
		(30) DICKINSON							
9	3720	LITTLE SIOUX RIVER 3.5 MILES WEST OF IA 86		BRIDGE DECK OVERLAY				250	
		(31) DUBUQUE							
20	8800	NORTH FORK MAQUOKETA RIVER 0.2 MILE WEST OF DYERSVILLE		BRIDGE DECK OVERLAY		287			

		LOCATION	MILES TYPE OF WORK			CT ESTIN		31000	
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011
		(31) DUBUQUE							
20		SWISS VALLEY ROAD IN DUBUQUE		WETLAND MITIGATION		300			
20	20200	MISSISSIPPI RIVER BRIDGE IN DUBUQUE - STATE SHARE		BRIDGE WASHING RIGHT OF WAY	30 250	30	30	30	30
61	19600	MISSISSIPPI RIVER BRIDGE IN DUBUQUE - STATE SHARE		BRIDGE WASHING BRIDGE PAINTING	20	20 652	20	20	20
		(32) EMMET							
9	9300	DES MOINES RIVER IN ESTHERVILLE		BRIDGE DECK OVERLAY	410				
		(33) FAYETTE							
3	1820	GUNDLACH CREEK 4.8 MILES WEST OF IA 187		BRIDGE DECK OVERLAY				150	
3		IA 187 INTERSECTION		GRADE AND PAVE	350				
150	2040	STREAM IN MAYNARD		CULVERT REPLACEMENT RIGHT OF WAY	300 10				
150	2860	ABANDONED RR IN FAYETTE		BRIDGE DECK OVERLAY				150	
187	820	0.5 MILE SOUTH OF ARLINGTON		CULVERT REPLACEMENT	200				
		(34) FLOYD							
18		FOSSIL PARK SITE		WETLAND MITIGATION RIGHT OF WAY	300 40				
122	3990	SHELL ROCK RIVER IN NORA SPRINGS		BRIDGE REPLACEMENT		1213			
218	1360	DITCH 0.4 MILE SOUTH OF MITCHELL CO		BRIDGE DECK OVERLAY				150	

						OSTS X \$	1000
RTE	ADT LOCATION	MILES TYPE OF WORK		2008	2009	2010	2011
	(35) FRANKLIN						
3	8000 12TH ST SW TO 8TH ST SE IN HAMPTON	1.2 PAVEMENT REHAB	400				
35	15400 NORTH OF CO RD C-25 TO SOUTH OF CO RD C-13 (NB & SB)	3.3 PAVEMENT REHAB		3650			
	(36) FREMONT						
2	7500 MISSOURI RIVER BRIDGE - STATE SHARE	BRIDGE WASHING	8	8	8	8	8
2	1450 I-29 TO US 275	7.3 EROSION CONTROL	252				
2	EAST SIDNEY BYPASS	4.5 EROSION CONTROL	288				
2	1950 STREAM 1.9 MILES EAST OF SIDNEY	BRIDGE REHABILITATION			617		
2	2280 EAST NISHNABOTNA RIVER 3.4 MILES WEST OF US 59	BRIDGE DECK OVERLAY			600		
29	12800 MISSOURI BORDER TO IA 2 (NB & SB)	10.1 PAVEMENT REHAB	10100				
29	19300 FREMONT-MILLS-POTTAWATTAMIE CO	48.5 PATCHING	900	1200	1000	900	900
29	11800 IA 2 TO MILLS CO (NB & SB)	15.4 PAVEMENT REHAB			9666	10101	
29	10800 PLUM CREEK 0.5 MILE SOUTH OF CO RD J-24 (NB & SB)	BRIDGE REPLACEMENT			1159	1211	
29	10600 OVER CO RD J-24 (NB & SB)	BRIDGE REPLACEMENT			777	780	
29	11400 WAUBONSIE DITCH 1.6 MILES SOUTH OF MILLS CO (NB & SB)	BRIDGE REPLACEMENT			1161	1213	
	(37) GREENE						
25	980 DRAINAGE DITCH 117 AT 0.6 MILE SOUTH OF CO RD E-57	BRIDGE REPLACEMENT	302				

				CT ESTIN			
RTE	ADT LOCATION	MILES TYPE OF WORK	2007	2008	2009 	2010 	2011 
	(37) GREENE						
30	3270 NORTH RACCOON RIVER 0.8 MILE WEST OF CO RD P-14	BRIDGE REPLACEMENT				2500	
30	3780 LITTLE BEAVER CREEK 3.6 MILES EAST OF GRAND JUNCTION	BRIDGE REPLACEMENT		632			
	(38) GRUNDY						
14	4310 WCL GRUNDY CENTER TO US 20	7.8 PAVEMENT REHAB	2120				
20	SOUTH BEAVER CREEK SITE	WETLAND MITIGATION	15				
	(39) GUTHRIE						
44	3270 IN PANORA FROM WEST 2ND ST TO ECL STATE SHARE	0.7 PAVEMENT REHAB RIGHT OF WAY	425 14				
	(40) HAMILTON						
17	2320 EAST JCT CO RD D-20 TO WRIGHT CO	6.3 PAVEMENT REHAB	1936				
35	14700 CO RD D-25 TO WRIGHT CO (NB & SB)	5.9 PAVEMENT REHAB	1592	2487			
69	1670 DRAINAGE DITCH IN JEWELL	RIGHT OF WAY BRIDGE REPLACEMENT	10		606		
	(42) HARDIN						
57	2260 IC RR IN ACKLEY	BRIDGE REMOVAL					1045
65	2190 HONEY CREEK AT CO RD D-55	RIGHT OF WAY BRIDGE REPLACEMENT	9	937			
65	2920 SOUTH FORK IOWA RIVER 0.6 MILE NORTH OF IA 175	BRIDGE REPLACEMENT	500				

					PROJE	CT ESTIN	 1ATED C	 DSTS X \$	\$1000
RTE	ADT	LOCATION		TYPE OF WORK	2007	2008	2009	2010	2011
		(43) HARRISON							
29	18700	BOYER RIVER AND 2 FARM DRIVES 0.9 MILE NORTH OF LOVELAND (NB & SB)		GRADE AND PAVE BRIDGE REPLACEMENT RIGHT OF WAY		1453 3143 10			
29	12800	US 30 AT MISSOURI VALLEY (NB)		BRIDGE DECK OVERLAY		308			
29	12800	UP RR 0.3 MILE NORTH OF US 30 (NB & SB)		BRIDGE DECK OVERLAY					332
29	11800	SOLDIER RIVER 3.0 MILES SOUTH OF CO RD F-20 (NB & SB)		BRIDGE DECK OVERLAY		310			
29	11700	LITTLE SIOUX RIVER 0.4 MILE NORTH OF CO RD F-20 (NB & SB)		BRIDGE DECK OVERLAY		815			
29	11700	DITCH 1.6 MILES NORTH OF CO RD F-20 (NB & SB)		BRIDGE DECK OVERLAY					438
30	4440	MISSOURI RIVER BRIDGE AT BLAIR - STATE SHARE		BRIDGE WASHING	15	15	15	15	15
30	4440	YOUNGS DITCH 3.8 MILES EAST OF NEBRASKA		BRIDGE DECK OVERLAY				260	
30	6300	MISSOURI VALLEY TO LOGAN	6.7	PAVE	1000				
30	3360	STREAM 6.4 MILES SW OF DUNLAP		RIGHT OF WAY BRIDGE REPLACEMENT			9		1150
127	1040	ALLEN CREEK 8.5 MILES WEST OF US 30		BRIDGE DECK OVERLAY			162		
183	1050	CREEK 3.9 MILES SOUTH OF PISGAH		RIGHT OF WAY CULVERT EXTENSION	9	110			
183	690	SOLDIER RIVER 1.0 MILE SOUTH OF MONONA CO		RIGHT OF WAY BRIDGE REPLACEMENT			9		1369
183	690	DITCH 0.5 MILE SOUTH OF MONONA CO		BRIDGE REPLACEMENT		257			

DTE	ADT LOCATION	MILES TYPE OF WORK				OSTS X S	
RTE		MILES TYPE OF WORK	2007 	2008 	2009 	2010 	2011 
	(44) HENRY						
34	4060 JEFFERSON CO TO MOUNT PLEASANT	4.6 EROSION CONTROL	150				
34	IN MOUNT PLEASANT	PAVEMENT REHAB	1000				
218	5700 NORTH FISH CREEK 8.4 MILES SOUTH OF US 34 (NB)	BRIDGE DECK OVERLAY	279				
218	SOUTH JCT OF IA 78 NEAR OLDS	GRADE AND PAVE	200				
	(45) HOWARD						
9	RICEVILLE TO US 63	CULVERT REPLACEMENT RIGHT OF WAY	284 10				
	(46) HUMBOLDT						
3	3240 WEST FORK DES MOINES RIVER 1.6 MILES WEST OF US 169	RIGHT OF WAY BRIDGE REPLACEMENT		9	2400		
169	6400 WEST FORK DES MOINES RIVER IN HUMBOLDT	BRIDGE DECK OVERLAY	428				
	(47) IDA						
20	3240 WEST JCT US 59 NEAR HOLSTEIN	GRADE AND PAVE	200				
20	3670 EAST JCT US 59 NEAR HOLSTEIN	GRADE AND PAVE	200				
59	3650 0.5 MILE NORTH OF HOLSTEIN	RIGHT OF WAY CULVERT REPLACEMENT	9	170			
175	980 STREAM 1.2 MILES SW OF BATTLE CREEK	BRIDGE REPLACEMENT			328		
175	2160 STREAM 2.9 MILES NE OF BATTLE CREEK	BRIDGE REPLACEMENT	388				

			PROJE	CT ESTIN	AATED C	OSTS X \$	31000
RTE	ADT LOCATION	MILES TYPE OF WORK	2007	2008	2009	2010	2011
	(47) IDA						
175	2010 STREAM 3.5 MILES NE OF BATTLE CREEK	BRIDGE REPLACEMENT	435				
175	2090 ECL IDA GROVE TO SAC CO - STATE SHARE	7.2 PAVEMENT REHAB	2277				
	(48) IOWA						
6	3740 STREAM 2.9 MILES WEST OF IA 220	RIGHT OF WAY BRIDGE REPLACEMENT		5	1734		
80	31700 IOWA-JOHNSON-CEDAR-SCOTT CO	PATCHING	950	1200	1100	950	950
80	31100 4.0 MILES EAST OF VICTOR TO 1.0 MILE WEST OF CO RD V-66 (WB)	5.5 PAVEMENT REHAB		2100			
80	31100 US 151 TO JOHNSON CO (EB & WB)	3.0 PAVEMENT REHAB			3350		
151	5700 PRICE CREEK 0.3 MILE NORTH OF IA 220	BRIDGE REPLACEMENT					1595
212	1490 STREAM 4.5 MILES WEST OF MARENGO	BRIDGE REPLACEMENT WETLAND MITIGATION	204 25				
212	1490 STREAM 2.4 MILES WEST OF MARENGO	BRIDGE REPLACEMENT WETLAND MITIGATION	278 25				
	(49) JACKSON						
52	2220 MISSISSIPPI RIVER BRIDGE AT SABULA STATE SHARE	BRIDGE WASHING BRIDGE REHABILITATION	20	20 300	20	20	20
52	3420 ICE RR & MILLS CREEK 0.8 MILE SE OF BELLEVUE	RIGHT OF WAY GRADE AND PAVE BRIDGE REPLACEMENT	200		1640 3964		
64	1990 ECL MAQUOKETA TO CO RD Z-34	14.8 PAVEMENT REHAB	3300				

						CT ESTIN			1000
RTE	ADT 	LOCATION		TYPE OF WORK	2007	2008	2009	2010	2011
		(50) JASPER							
14	4190	GROVE CREEK 5.5 MILES NORTH OF MONROE		BRIDGE DECK OVERLAY				250	
14	1170	SNIPE CREEK 5.8 MILES SOUTH OF IA 224		BRIDGE REPLACEMENT			878		
80	29800	IA 14 TO EAST OF NEWTON (EB)	4.5	5 PAVEMENT REHAB	400				
80	29800	IA 14 OVER I-80 (NB & SB)		BRIDGE REHABILITATION					996
80	28600	NORTH SKUNK RIVER 2.1 MILES EAST OF IA 224		RIGHT OF WAY				9	
80		REST AREA 1.0 MILE EAST OF CO RD T-38 (WB)		REST AREA IMPROVEMENT				3200	
117	5570	SOUTH SKUNK RIVER 0.7 MILE SOUTH OF I-80		BRIDGE DECK OVERLAY				375	
		(51) JEFFERSON							
34		IN BATAVIA & JEFFERSON CO		PAVEMENT REHAB	186				
34		FAIRFIELD BYPASS	10.7	BRIDGE NEW PAVE LIGHTING TRAFFIC SIGNS EROSION CONTROL	12010	24879 200 315	950		
34	6500	BNSF RR 3.1 MILES WEST OF FAIRFIELD		BRIDGE REPLACEMENT			1143		
34	6500	SHIRTZ CREEK 3.7 MILES WEST OF IA 1		BRIDGE REPLACEMENT			510		
34	6500	MITCHELL CREEK 1.5 MILES WEST OF FAIRFIELD		BRIDGE REPLACEMENT			646		
34	6500	WEST CROW CREEK 1.2 MILES EAST OF IA 1		BRIDGE REHABILITATION			150		
34	3760	FAIRFIELD BYPASS TO HENRY CO	7.7	' EROSION CONTROL	525				

					PROJE	CT ESTI	MATED C	 OSTS X \$	31000
RTE	ADT	LOCATION		TYPE OF WORK	2007	2008	2009	2010	2011
		(51) JEFFERSON							
78	900	SKUNK RIVER 0.1 MILE WEST OF HENRY CO		BRIDGE REPLACEMENT RIGHT OF WAY		2440 5			
		(52) JOHNSON							
1	15800	OVER I-80 IN IOWA CITY		BRIDGE REHABILITATION	877				
6	31800	12TH AVE TO 22ND AVE IN CORALVILLE	1.2	2 PAVE GRADE		1700 1031			
80	31900	IOWA CO TO I-380 (EB & WB)	11.1	I PAVEMENT REHAB			8470		
80	30300	LOCAL RD 1.6 MILES EAST OF IOWA CO (EB & WB)		BRIDGE DECK OVERLAY					381
80	50100	EAST OF I-380 INTERCHANGE IN CORALVILLE TO EAST OF IA 1 IN IOWA CITY	7.3	GRADE AND PAVE GRADE LIGHTING TRAFFIC SIGNALS TRAFFIC SIGNS	1561 8686	13794	18842	26703 750 300 1000	
80	35700	CO RD F-44 2.2 MILES EAST OF IOWA CITY		BRIDGE REHABILITATION	800				
380	35000	I-80 TO 33RD AVE IN CEDAR RAPIDS (NB & SB)	17.3	B PAVEMENT REHAB			9092		9500
380	32200	OVER I-80 (NB & SB)		BRIDGE DECK OVERLAY					624
380	31200	I-80 TO WATERLOO IN BLACK HAWK CO		PATCHING	800	1000	900	800	800
380	32100	OVER US 6 AT 0.8 MILE NORTH OF I-80 (NB & SB)		BRIDGE DECK OVERLAY					410
		(53) JONES							
151	8100	WAPSIPINICON RIVER 1.4 MILES SOUTH OF IA 64 (SB)		BRIDGE DECK OVERLAY			300		

DTE	ADT LOCATION		TVDE OF WORK		CT ESTIM			
RTE	ADT LOCATION	MILES	TYPE OF WORK	2007 	2008	2009	2010 	2011
	(55) KOSSUTH							
15	740 DITCH 6.2 MILES NORTH OF US 18		RIGHT OF WAY BRIDGE REPLACEMENT	9		546		
169	2860 EAST FORK DES MOINES RIVER 1.8 MILES NORTH OF HUMBOLDT CO		BRIDGE DECK OVERLAY	453				
169	3330 EAST FORK DES MOINES RIVER 3.7 MILES SOUTH OF ALGONA		BRIDGE DECK OVERLAY	465				
169	4420 EAST FORK DES MOINES RIVER 0.4 MILE SOUTH OF ALGONA		BRIDGE DECK OVERLAY	485				
169	8700 EAST FORK DES MOINES RIVER IN ALGONA		BRIDGE REPLACEMENT	2363				
169	2560 BANCROFT TO EAST JCT IA 9	12.5	PAVEMENT REHAB	3007				
	(56) LEE							
61	FORT MADISON BYPASS	9.0	RIGHT OF WAY CULVERT NEW GRADE WETLAND MITIGATION BRIDGE NEW PAVE LIGHTING TRAFFIC SIGNS	500		7531 2425 39039 208	8366	33472 469 235
61	12400 ORTHO RD INTERSECTION IN FORT MADISON		GRADE AND PAVE	750				
61	8200 LOST CREEK 4.5 MILES NORTH OF FORT MADISON		BRIDGE DECK OVERLAY	215				
136	13000 MISSISSIPPI RIVER BRIDGE IN KEOKUK STATE SHARE		BRIDGE WASHING LIGHTING	30 150	30	30	30	30
218	6300 DONNELLSON TO HENRY CO	9.6	EROSION CONTROL	450				

			PROJE	CT ESTIN	MATED C	OSTS X S	OSTS X \$1000	
RTE	ADT LOCATION	MILES TYPE OF WORK	2007	2008	2009	2010	2011	
	(57) LINN							
30	KIRKWOOD BLVD IN CEDAR RAPIDS - STATE SHARE	GRADE AND PAVE	355					
100	23900 COLLINS RD IN CEDAR RAPIDS	PAVE GRADE			6800 3200			
151	9300 FAIRFAX TO WEST JCT US 30 - STATE SHARE	3.5 PAVEMENT REHAB TRAFFIC SIGNALS	2200 100					
922	29200 10TH ST EAST TO 19TH ST EAST IN CEDAR RAPIDS	1.0 PAVEMENT REHAB	800					
	(60) LYON							
182	CO RD A-26 AT 6.0 MILES NORTH OF INWOOD	GRADE AND PAVE	400					
	(62) MAHASKA							
63	3950 UP RR 1.0 MILE NORTH OF OSKALOOSA	BRIDGE REPLACEMENT RIGHT OF WAY	4476 17					
63	4620 MIDDLE CREEK 2.9 MILES SOUTH OF NEW SHARON	BRIDGE DECK OVERLAY				210		
	(63) MARION							
5	5500 KNOXVILLE BYPASS	7.4 PAVEMENT REHAB	14000					
	(64) MARSHALL							
30	5600 STORY CO TO STATE CENTER	3.3 RIGHT OF WAY GRADE PAVE EROSION CONTROL		158	2110	6110	160	
330	6490 US 30 INTERCHANGE (SB)	RIGHT OF WAY	25					

						CT ESTIM			
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011
		(65) MILLS							
29	11900	FREMONT CO TO US 34 (NB)	13.1	PAVEMENT REHAB			8245		
29	11900	DITCH 2.6 MILES NORTH OF FREMONT CO (NB & SB)		BRIDGE REPLACEMENT			1850		
29	11900	OVER US 34 (NB & SB)		BRIDGE REPLACEMENT					3041
29	11900	PONY CREEK 0.5 MILE NORTH OF SOUTH JCT US 34 (NB & SB)		BRIDGE REPLACEMENT					1707
29	11900	LOCAL RD 1.0 MILE NORTH OF SOUTH JCT US 34 (NB & SB)		BRIDGE REPLACEMENT					1409
29	16100	FULSOM LAKE OUTLET 1.7 MILES NORTH OF NORTH JCT US 34 (NB & SB)		BRIDGE REPLACEMENT					680
29	20500	REST AREA TO POTTAWATTAMIE CO (NB & SB)	5.0	PAVEMENT REHAB					5768
29	19300	ST MARY'S CREEK 0.9 MILE SOUTH OF IA 370		BRIDGE REPLACEMENT			1724		
34	1240	MISSOURI RIVER - STATE SHARE		BRIDGE REHABILITATION RIGHT OF WAY BRIDGE NEW	500	1500			17000
34	6100	CO RD H-30 EAST OF GLENWOOD		GRADE AND PAVE	200				
978	1090	BNSF RR 0.2 MILE EAST OF I-29 STATE SHARE	0.5	RIGHT OF WAY BRIDGE REPLACEMENT	50	580			
978	1090	BNSF RR 2.6 MILES EAST OF I-29 STATE SHARE		RIGHT OF WAY BRIDGE REPLACEMENT	15	2174			

			PROJE	CT ESTIN	MATED C	OSTS X	\$1000
RTE	ADT LOCATION	MILES TYPE OF WORK	2007	2008	2009	2010	2011
	(67) MONONA						
29	12300 HARRISON-MONONA-WOODBURY CO	43.2 PATCHING	700	900	900	700	700
29	11300 ABANDONED RR 0.2 MILE NORTH OF HARRISON CO (NB & SB)	BRIDGE DECK OVERLAY					268
29	11300 CLEGHORN CREEK 4.4 MILES SOUTH OF IA 175 (NB & SB)	BRIDGE REPLACEMENT					1769
29	12200 IA 175 TO WOODBURY CO (NB & SB)	14.3 PAVEMENT REHAB					12530
29	12300 ROBINSON DITCH 3.1 MILES SOUTH OF WOODBURY CO (NB & SB)	BRIDGE REPLACEMENT			850	575	
183	690 SOLDIER RIVER OVERFLOW 0.6 MILE NORTH OF HARRISON CO	BRIDGE REPLACEMENT		249			
	(68) MONROE						
5	3500 NCL LOVILIA TO IA 92 IN MARION CO	15.6 PAVE PAVEMENT REHAB RIGHT OF WAY	725 3013 12				
	(69) MONTGOMERY						
34	3270 INDIAN CREEK 0.1 MILE EAST OF MILLS CO	BRIDGE DECK OVERLAY				210	
71	1220 BNSF RR IN VILLISCA	BRIDGE DECK OVERLAY			249		
	(70) MUSCATINE						
6	5300 MUD CREEK 0.8 MILE EAST OF IA 38 SOUTH OF WILTON	BRIDGE DECK OVERLAY	257				

					PROJE	CT ESTIN	латер с	OSTS X S	51000
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011
		(70) MUSCATINE							
61	11900	) HERSHEY AVE IN MUSCATINE	1.	1 RIGHT OF WAY PAVE BRIDGE NEW GRADE LIGHTING TRAFFIC SIGNS EROSION CONTROL	30	2875 1700 325 70 30	100		
70	3310	) GOSHEN DITCH 1.9 MILES SOUTH OF WEST LIBERTY		BRIDGE REPLACEMENT	649				
92	12100	) MISSISSIPPI RIVER IN MUSCATINE - STATE SHARE		BRIDGE WASHING	25	25	25	25	25
		(71) O'BRIEN							
10		SLIDE AREAS 3.0 MILES WEST OF CLAY CO TO US 71		SLOPE IMPROVEMENT WETLAND MITIGATION RIGHT OF WAY	633 100 25				
60		IN SHELDON & O'BRIEN CO		PAVEMENT REHAB	395				
60		SHELDON BYPASS	9.8	8 EROSION CONTROL	600				
		(72) OSCEOLA							
60	4300	) SIBLEY BYPASS	9.2	2 PAVE BRIDGE NEW LIGHTING TRAFFIC SIGNS EROSION CONTROL	18696 1767 72 87	1110			
60	4310	OTTER CREEK IN SIBLEY		BRIDGE REPLACEMENT		375			
60	3710	) 120TH ST 3.0 MILES NORTH OF IA 9 TO MINNESOTA (INCLUDES BIGELOW BYPASS)	2.:	2 GRADE AND PAVE RIGHT OF WAY	4902 440				

		T LOCATION M		TVDE OF WORK		CT ESTIM			
RTE	AD I 	LOCATION	MILES	TYPE OF WORK	2007 	2008	2009 	2010	2011
		(73) PAGE							
71	2580	STREAM 0.1 MILE NORTH OF SHAMBAUGH		BRIDGE DECK OVERLAY				250	
71	1680	STREAM 2.2 MILES SOUTH OF MONTGOMERY CO		BRIDGE DECK OVERLAY				200	
		(75) PLYMOUTH							
3	850	BIG SIOUX RIVER - IOWA'S SHARE		RIGHT OF WAY BRIDGE REPLACEMENT		10	1638		
3	850	BIG SIOUX OVERFLOW 0.2 MILE WEST OF SOUTH JCT IA 12		BRIDGE DECK OVERLAY			150		
3	820	BIG SIOUX OVERFLOW 0.6 MILE WEST OF SOUTH JCT IA 12		BRIDGE DECK OVERLAY			150		
3	930	MINK CREEK 5.6 MILES WEST OF US 75		RIP RAP		20			
12	1810	DITCH 5.5 MILES SOUTH OF WESTFIELD		RIGHT OF WAY BRIDGE REPLACEMENT			9		545
60		LE MARS BYPASS	8.3	B EROSION CONTROL	500				
60	4290	STREAM 1.9 MILES NORTH OF US 75		BRIDGE DECK OVERLAY				150	
60		IN LE MARS & PLYMOUTH CO		PAVEMENT REHAB	154				
75	11400	STREAM 2.7 MILES NORTH OF WOODBURY CO		BRIDGE DECK OVERLAY				150	
75	10400	STREAM 0.1 MILE NORTH OF HINTON		BRIDGE DECK OVERLAY			150		
75	10400	DITCH 0.5 MILE NORTH OF HINTON		BRIDGE REPLACEMENT					571
75	10400	DRY CREEK 0.8 MILE SOUTH OF MERRILL		BRIDGE REPLACEMENT					571

					PROJE	CT ESTIN	латер С	 ATED COSTS X \$1000		
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011	
		(75) PLYMOUTH								
140	1260	DRAINAGE DITCH 3.8 MILES NORTH OF KINGSLEY		RIGHT OF WAY BRIDGE REPLACEMENT	9	345				
		(77) POLK								
6	19800	MLK DRIVE TO 6TH AVE IN DES MOINES STATE SHARE	1.:	2 PAVEMENT REHAB	217					
6	23000	DES MOINES RIVER 3.5 MILES WEST OF I-235	0.	3 BRIDGE DECK OVERLAY			700			
35	44800	RR, EP TRUE PKWY AND CREEK IN WEST DES MOINES (NB & SB)		BRIDGE REPLACEMENT			4400	7650		
35	2460	) MEREDITH DRIVE IN URBANDALE - STATE SHARE		BRIDGE WIDENING	700					
35	48300	) WEST OF MERLE HAY ROAD TO I-80 EAST INTERCHANGE IN DES MOINES		FENCING		600				
35	61200	EAST I-80 INTERCHANGE IN DES MOINES		BRIDGE REPLACEMENT GRADE AND PAVE EROSION CONTROL PAVEMENT REHAB	26106	4755 3449 150	4969 3636	7303		
35	34400	) 1ST STREET IN ANKENY TO 3.0 MILES SOUTH OF STORY CO (SB)	6.	1 PAVEMENT REHAB		2430				
35	34400	) 1ST STREET IN ANKENY TO 0.9 MILE NORTH OF IA 210 (NB)	9.	9 PAVEMENT REHAB		3980				
35	28700	) POLK-STORY-HAMILTON CO	56.	0 PATCHING	600	800	700	600	600	
44	10990	) IN GRIMES	1.	5 PAVE GRADE		2550 1250				

			PROJE	CT ESTIN	/ATED C	OSTS X	\$1000
RTE	ADT LOCATION	MILES TYPE OF WORK	2007	2008	2009	2010	2011
<b></b>	(77) POLK		<b>-</b>	<b></b>		<b></b>	<b></b>
69	44100 DES MOINES RIVER TO GARFIELD AVE IN DES MOINES	1.8 PAVEMENT REHAB	381				
80	36500 POLK-JASPER-POWESHIEK CO	PATCHING	400	600	600	400	400
80	49900 WALNUT CREEK 0.3 MILE WEST OF US 6 (EB)	BRIDGE DECK OVERLAY			800		
80	REST AREA 2 MILES WEST OF MITCHELLVILLE (EB)	REST AREA IMPROVEMENT					2100
141	18600 BEAVER CREEK 2.6 MILES NORTH OF IA 44 (WB)	BRIDGE REPLACEMENT	1840				
141	8900 IAIS RR 0.2 MILE NORTH OF I-80 (SB)	BRIDGE REHABILITATION		404			
163	12200 MUD CREEK 2.2 MILES WEST OF CO RD S-27 (EB & WB)	BRIDGE REHABILITATION		1273			
163	19100 EAST FOUR MILE CREEK IN PLEASANT HILL	BRIDGE DECK OVERLAY			350		
163	11900 CAMP CREEK 0.1 MILE EAST OF CO RD S-27 (EB & WB)	BRIDGE REPLACEMENT		2695			
235	111000 WEST I-35/I-80 INTERCHANGE TO EAST I-35/I-80 INTERCHANGE	14.3 GRADE AND PAVE	53661				
235	111000 IN DES MOINES	BRIDGE PAINTING		300			
415	15160 I-35/I-80 TO IA 160 IN ANKENY	3.7 PAVE	1000				
415	2560 SAYLORVILLE RESERVOIR	BRIDGE REHABILITATION					1227
	(78) POTTAWATTAMIE						
6	34600 BROADWAY ST VIADUCT IN COUNCIL BLUFFS	0.9 BRIDGE REPLACEMENT				18000	11000
6	3560 KEG CREEK 5.9 MILES EAST OF COUNCIL BLUFFS	RIGHT OF WAY BRIDGE REPLACEMENT				4	1500

				PROJECT ESTIMATED COSTS X				
RTE	ADT LOCATION		MILES TYPE OF WORK	2007	2008	2009	2010	2011
	(78) POTTAWATTAMIE							
29	21400 NORTH OF COUNCIL BLUFFS TO AT VARIOUS LOCATIONS (NB & S		14.8 PAVEMENT REHAB		4990			
29	NORTH OF I-29 ON SOUTH 24TH A IN COUNCIL BLUFFS - STATE SHA		GRADE AND PAVE	430				
29	21000 HONEY CREEK 4.4 MILES SOUTH (NB & SB)	OF NORTH JCT I-680	BRIDGE REPLACEMENT		2220			
80	21500 MISSOURI RIVER BRIDGE TO CAS	ss co	PATCHING	250	400	400	250	250
80	72500 MISSOURI RIVER EB BRIDGE IN C STATE SHARE	OUNCIL BLUFFS	BRIDGE WASHING	17	17	17	17	17
80	72500 I-80/I-29/I-480 INTERSTATE RECOI COUNCIL BLUFFS	NSTRUCTION IN	4.0 RIGHT OF WAY GRADE AND PAVE TRAFFIC SIGNS BRIDGE REPLACEMENT LIGHTING TRAFFIC SIGNALS WETLAND MITIGATION BRIDGE WIDENING	1500	3236 12049 2640 27897 182 313	5300 1966 2239	25297 28962 1269 10482 514 685	1000 21798 1326 20750 537
80	REST AREA 1.0 MILE NORTH OF 0	O RD G-30 (EB)	REST AREA IMPROVEMENT	2200				
80	18000 MAHOGANY RD 8.5 MILES SW OF	I-680	BRIDGE DECK OVERLAY		385			
80	16800 OVER CO RD G-18 AT NEOLA		BRIDGE DECK OVERLAY		579			
80	20100 WEST OF US 59 TO WEST OF CO	RD M-47 (WB)	5.9 PAVEMENT REHAB		2350			
92	VALLEY VIEW DR NEAR COUNCIL	BLUFFS	GRADE AND PAVE	200				
92	4880 KEG CREEK 2.7 MILES WEST OF	TREYNOR	BRIDGE REPLACEMENT					939

					PROJE	CT ESTI	MATED C	OSTS X S	\$1000
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011
		(78) POTTAWATTAMIE							
92	5800	MIDDLE SILVER CREEK 0.1 MILE WEST OF TREYNOR		BRIDGE REPLACEMENT			1581		
275	8700	) MISSOURI RIVER IN COUNCIL BLUFFS TO I-29	5.2	2 GRADE AND PAVE TRAFFIC SIGNALS BRIDGE NEW BRIDGE REHABILITATION RIGHT OF WAY LIGHTING EROSION CONTROL	9886 1193 2208 150 1050	5897 1000 70	312		
275	8700	) MISSOURI RIVER & RR BRIDGE IN COUNCIL BLUFFS STATE SHARE		RIGHT OF WAY BRIDGE REPLACEMENT WETLAND MITIGATION	100	17000 464	25000		
480	58500	MISSOURI RIVER & RR BRIDGE IN COUNCIL BLUFFS STATE SHARE		BRIDGE WASHING	8	8	8	8	8
480	14500	RAMP OVER US 6 IN COUNCIL BLUFFS		BRIDGE DECK OVERLAY			400		
680	8900	MISSOURI RIVER TO I-80		PATCHING	100	100	100	100	100
680	18300	MISSOURI RIVER BRIDGE & CITY ST - STATE SHARE (WB)		BRIDGE WASHING	7	7	7	7	7
680	18300	MISSOURI RIVER BRIDGE & CITY ST - STATE SHARE (EB)		BRIDGE WASHING	7	7	7	7	7
680	6900	OLD BOYER RIVER CHANNEL 0.5 MILE EAST OF I-29 (EB)		BRIDGE DECK OVERLAY					187
		(79) POWESHIEK							
6	1590	BEAR CREEK 3.9 MILES EAST OF US 63		BRIDGE REPLACEMENT			1100		
6	1360	1.5 MILES EAST OF CO RD V-18 TO CO RD V-36	5.7	PAVEMENT REHAB	1650				
80	27200	EAST OF IA 146 TO EAST OF US 63 INTERCHANGE (WB)	9.2	2 PAVEMENT REHAB	2300				

						OSTS X \$	
RTE	ADT LOCATION	MILES TYPE OF WORK	2007	2008 	2009	2010 	2011
	(79) POWESHIEK						
80	24800 WB OVER US 63	BRIDGE DECK OVERLAY					182
	(80) RINGGOLD						
169	1220 DRAINAGE DITCH 0.8 MILE SOUTH OF UNION CO	CULVERT REPAIR RIGHT OF WAY	66 5				
	(81) SAC						
20	2750 NORTH JCT US 71 TO CALHOUN CO	16.8 RIGHT OF WAY		2282			
71	2240 CC RR 4.1 MILES NW OF AUBURN	BRIDGE REMOVAL		1768			
175	2010 IDA CO TO WEST JCT US 71 - STATE SHARE	9.3 PAVEMENT REHAB	3183				
	(82) SCOTT						
6	18940 KIMBERLY RD FROM DIVISION ST TO ELMORE AVE IN DAVENPORT	1.2 PAVE BRIDGE REPLACEMENT GRADE		2550 1050 200			
61	18600 SOUTH OF CO RD F-33 TO SOUTH OF DE WITT IN CLINTON CO	5.4 PAVEMENT REHAB	2600				
67	14900 MISSISSIPPI RIVER BRIDGE IN DAVENPORT STATE SHARE	BRIDGE WASHING	25	25	25	25	25
67	8300 MC CARTY CREEK NORTH OF LE CLAIRE	BRIDGE DECK OVERLAY			205		
74	1120 EAST 67TH ST IN DAVENPORT - STATE SHARE	BRIDGE REPLACEMENT			1200		
74	40600 I-74/I-280 IN DAVENPORT AND BETTENDORF	5.3 PATCHING	250	300	300	250	250
74	70800 MISSISSIPPI RIVER-RR & US 67 BRIDGE IN BETTENDOR IOWA BOUND (NB) - STATE SHARE	F BRIDGE WASHING	25	25	25	25	25

		DT LOCATION I			PROJECT ESTIMATED COSTS X \$100					
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011	
		(82) SCOTT								
74	70800	MISSISSIPPI RIVER-RR & US 67 BRIDGE IN BETTENDORF ILLINOIS BOUND (SB) - STATE SHARE		BRIDGE WASHING	25	25	25	25	25	
74	27700	53RD ST INTERCHANGE IN DAVENPORT		GRADE AND PAVE					20800	
80	29800	IA 130 INTERCHANGE		GRADE AND PAVE RIGHT OF WAY			2500 500			
80	28300	US 67 INTERCHANGE		LIGHTING	300					
80	33700	MISSISSIPPI RIVER & RR BRIDGE IN LE CLAIRE		BRIDGE WASHING	25	25	25	25	25	
		STATE SHARE		LIGHTING BRIDGE REHABILITATION	150			75	75	
130		I-80 INTERCHANGE IN DAVENPORT		PAVEMENT REHAB	700					
280	21400	MISSISSIPPI RIVER BRIDGE IN DAVENPORT STATE SHARE		BRIDGE WASHING	20	20	20	20	20	
		(84) SIOUX								
10	4360	ALBANY AVE TO JAY AVE IN ORANGE CITY STATE SHARE	1.0	PAVEMENT WIDENING	500					
10	1920	WILLOW CREEK 3.7 MILES EAST OF IA 60 WEST OF GRANVILLE		BRIDGE REPLACEMENT		710				
12	1190	SIX MILE CREEK 0.5 MILE NORTH OF CHATSWORTH		BRIDGE DECK OVERLAY			125			
18	2020	DRY RUN CREEK 3.3 MILES WEST OF ROCK VALLEY		BRIDGE REPLACEMENT	1864					
75	7200	IN SIOUX CENTER	2.8	PAVEMENT REHAB	1708					
75	2300	US 18 TO ROCK RAPIDS IN LYON CO	15.6	PAVEMENT WIDENING	1800					

			PROJECT ESTI				
RTE	ADT LOCATION	MILES TYPE OF WORK	2007	2008	2009	2010	2011
	(85) STORY						
	STATEWIDE SCOUR CRITICAL COUNTERMEASURES	RIP RAP	359	500	1000	1000	
30	14100 I-35 TO NEVADA	8.2 PAVE	1800				
30	5700 COLO TO MARSHALL CO	4.2 RIGHT OF WAY GRADE PAVE EROSION CONTROL		105	2890	7890	220
35	34200 POLK CO TO IA 210	GUARDRAIL	500				
35	31800 3.8 MILES NORTH OF IA 210 TO US 30 (NB & SB)	6.0 PAVEMENT REHAB					5493
35	31800 BALLARD CREEK 1.3 MILES NORTH OF IA 210	RIGHT OF WAY RIP RAP	6	100			
35	STATEWIDE INTERSTATE LIGHTING	LIGHTING		500	500	500	500
35	STATEWIDE INTERSTATE SIGNING	TRAFFIC SIGNS		1000	1000	1000	1000
35	REST AREA 3.0 MILES NORTH OF CO RD E-29 (SB)	REST AREA IMPROVEMENT		2100			
35	22400 CREEK 0.4 MILE SOUTH OF STORY CITY (NB & SB)	BRIDGE DECK OVERLAY		328			
210	1990 SKUNK RIVER 3.3 MILES EAST OF I-35	RIP RAP		316			
210	2080 ECL MAXWELL TO JCT US 65	4.2 PAVEMENT REHAB RIGHT OF WAY	1270 9				

					PROJECT ESTIMATED COSTS X \$1					
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011	
		(86) TAMA								
30		TAMA BYPASS	7.	BRIGHT OF WAY BRIDGE NEW GRADE AND PAVE CULVERT NEW GRADE WETLAND MITIGATION PAVE LIGHTING TRAFFIC SIGNALS TRAFFIC SIGNS PAVEMENT REHAB BRIDGE REPLACEMENT EROSION CONTROL	2800	2000 2325 1772	7637 1324 23987 819	21672 150 300 213	1317 1683 750	
		(87) TAYLOR								
148	880	0 STREAM 1.0 MILE NE OF CO RD J-55		BRIDGE REPLACEMENT	359					
		(88) UNION								
34	3330	O ADAMS CO TO CRESTON	7.	8 PAVE	1200					
34	3480	O IN CRESTON FROM WCL TO CEDAR ST	1.	8 GRADE AND PAVE RIGHT OF WAY	3877 178					
169	1540	O SLIDE REPAIRS 1.1 & 1.5 MILES SOUTH OF AFTON		RIP RAP	50					
		(89) VAN BUREN								
2	2840	D DES MOINES RIVER 0.2 MILE WEST OF FARMINGTON		RIGHT OF WAY GRADE AND PAVE BRIDGE REPLACEMENT WETLAND MITIGATION	160	1956 2933 250				

			PROJECT ESTIMATED COSTS X \$1000					
RTE	ADT LOCATION	MILES TYPE OF WORK	2007	2008	2009	2010	2011	
	(90) WAPELLO							
34	9800 CHURCH ST IN OTTUMWA	BRIDGE DECK OVERLAY			200			
34	9800 IN OTTUMWA & WAPELLO CO	PAVEMENT REHAB	1417					
34	9800 BARDELL ST IN OTTUMWA	BRIDGE DECK OVERLAY			200			
34	9800 110TH ST IN OTTUMWA TO OLD AGENCY ROAD	2.2 EROSION CONTROL	240					
34	12900 DES MOINES RIVER IN OTTUMWA (EB)	BRIDGE REPLACEMENT					3658	
34	AGENCY BYPASS	5.2 EROSION CONTROL	475					
63	NE OTTUMWA BYPASS FROM IA 149 TO 110TH ST IN OTTUMWA	6.8 PAVE BRIDGE NEW LIGHTING TRAFFIC SIGNS EROSION CONTROL	14438 3421 782 195	600				
63	18700 WAPELLO ST VIADUCT IN OTTUMWA	BRIDGE REHABILITATION	4247					
	(91) WARREN							
35	18900 CLARK CO TO 2.0 MILES SOUTH OF IA 92 (NB & SE	3) 11.6 PAVEMENT REHAB					11976	
35	21300 2.0 MILES SOUTH OF IA 92 TO CO RD G-14 (NB)	10.5 PAVEMENT REHAB					5406	
35	18800 MIDDLE RIVER 0.4 MILE SOUTH OF IA 92 (NB & SB	BRIDGE REPLACEMENT					3800	
35	21200 NORTH RIVER 3.8 MILES NORTH OF IA 92 (NB & SI	B) BRIDGE REPLACEMENT					3709	
35	22300 0.5 MILE SOUTH OF CO RD G-14 INTERCHANGE TO IA 5 (SB)	3.8 RIGHT OF WAY GRADE AND PAVE BRIDGE REPLACEMENT LIGHTING TRAFFIC SIGNS				948	5679 3250 55 66	

				PROJECT ESTIMATED COSTS X \$1				
RTE	ADT LOCATION	MILES TYPE OF WORK	2007	2008	2009	2010	2011	
	(91) WARREN							
35	23800 CO RD G-14 TO I-80	6.5 PAVEMENT REHAB	5000					
65	5800 SOUTH RIVER OVERFLOW 1.2 MILES SOUTH OF INDIANOLA	RIGHT OF WAY WETLAND MITIGATION BRIDGE REPLACEMENT			2	75	537	
	(92) WASHINGTON							
218	7500 CROOKED CREEK 1.1 MILES NORTH OF HENRY CO	RIGHT OF WAY BRIDGE REPLACEMENT			2		1290	
218	11500 IA 92 TO IA 22	13.7 PAVE	2900					
218	CO RD G-36 3.3 MILES NORTH OF IA 92	GRADE AND PAVE BRIDGE NEW LIGHTING TRAFFIC SIGNS RIGHT OF WAY		3439 771 25 25 140				
	(94) WEBSTER							
7	2900 NORTH LIZARD CREEK 0.5 MILE WEST OF US 169	RIP RAP		253				
20	3280 CALHOUN CO TO MOORLAND	6.5 RIGHT OF WAY CULVERT NEW GRADE WETLAND MITIGATION BRIDGE NEW PAVE LIGHTING TRAFFIC SIGNS PAVEMENT REHAB EROSION CONTROL	2217	1152 8900 500	5121	12663 163 156	1041 798	

						CT ESTIN			\$1000
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011
		(94) WEBSTER							
169	7300	IA 926 IN FORT DODGE (NB & SB)		RIGHT OF WAY BRIDGE REPLACEMENT			3	1400	1463
169	9000	CC RR AT NCL FORT DODGE (NB & SB)		RIGHT OF WAY BRIDGE REPLACEMENT			3	800	836
169	9000	LIZARD CREEK 0.3 MILE NORTH OF FORT DODGE (NB & SB)		RIGHT OF WAY BRIDGE REPLACEMENT			4	1600	1672
169	5600	DITCH #96 6.0 MILES SOUTH OF HUMBOLDT CO		BRIDGE DECK OVERLAY				200	
175	5600	CO RD P-33 TO HARCOURT	5.2	2 PAVEMENT REHAB	720				
926	13300	11TH STREET & CC RR IN FORT DODGE (EB)		BRIDGE REHABILITATION	603				
926	9100	KARL KING VIADUCT IN FORT DODGE (DES MOINES RIVER)		BRIDGE DECK OVERLAY		2836			
		(96) WINNESHIEK							
9	4200	IN DECORAH AT BLUE GRASS DR - STATE SHARE		PAVEMENT WIDENING	50				
24	3280	TURKEY RIVER IN FORT ATKINSON		BRIDGE REPLACEMENT	1443				
24	3280	TURKEY RIVER OVERFLOW 0.3 MILE NE OF FORT ATKINSON		BRIDGE REPLACEMENT	954				
24	3280	STREAM 0.7 MILE NE OF FORT ATKINSON		BRIDGE REPLACEMENT	547				
		(97) WOODBURY							
12	24800	GORDON DRIVE VIADUCT IN SIOUX CITY		BRIDGE REHABILITATION	5135				
20	12700	BIG WHISKEY CREEK 3.9 MILES WEST OF LAWTON (EB & WB)		BRIDGE REPLACEMENT		2431			

PROJECT ESTIMA				1ATED C	OSTS X	\$1000			
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011
		(97) WOODBURY							
20		CO RD K-42 WEST OF LAWTON		GRADE AND PAVE	200				
20	12700	ELLIOT CREEK IN LAWTON (WB)		BRIDGE REPLACEMENT	1052				
20	3550	END OF 4-LANE AT MOVILLE TO IA 31	11.5	5 PAVEMENT REHAB	5300				
29	15800	) MONONA CO TO US 20 (NB)	17.0	PAVEMENT REHAB		7735			
29	15800	O CO RD D-51 OVER I-29 9.2 MILES NORTH OF MONONA CO		BRIDGE REPLACEMENT					1389
29	37500	RECONSTRUCTION IN SIOUX CITY		GRADE AND PAVE			9000	25000	20000
77	29200	MISSOURI RIVER BRIDGE IN SIOUX CITY STATE SHARE		BRIDGE WASHING BRIDGE DECK OVERLAY	24	24 1500	24	24	24
129	20000	MISSOURI RIVER BRIDGE IN SIOUX CITY STATE SHARE		BRIDGE WASHING	32	32	32	32	32
376	9200	NORTH 3RD ST TO TAFT ST IN SIOUX CITY	5.0	PAVEMENT REHAB	1550				
		(98) WORTH							
9	2050	STREAM 4.9 MILES EAST OF US 65		BRIDGE DECK OVERLAY	270				
		(99) WRIGHT							
35	14500	) WRIGHT-FRANKLIN-CERRO GORDO-WORTH CO	68.5	5 PATCHING	350	500	600	350	350
35	14500	HAMILTON CO TO CO RD C-47 IN FRANKLIN CO (NB & SB)	8.9	PAVEMENT REHAB	4108	6416			

						CT ESTI	MATED C	OSTS X	\$1000
RTE	ADT	LOCATION	MILES	TYPE OF WORK	2007	2008	2009	2010	2011
		STATEWIDE							
		STATEWIDE RAILROAD CROSSINGS		MISCELLANEOUS	500	500	500	500	500
		CONSTRUCTION INDUSTRY TRAINING PROGRAM		MISCELLANEOUS	500	500	500	500	500
		NON-INTERSTATE PAVEMENT PRESERVATION		PAVEMENT REHAB		90000	90000	90000	90000
		STATEWIDE SAFETY PROJECTS		PAVE		10600	15000	15000	15000
		POST LETTING PROJECT COST		MISCELLANEOUS	22400	22400	22400	22400	22400
		STATEWIDE CONSULTANT SERVICES		OUTSIDE SERV. ENGINEER	25000	25000	25000	25000	25000
		EMERGENCY & CONTINGENCY - U-STEP/C-STEP		MISCELLANEOUS	6000	6000	6000	6000	6000
		COOPERATIVE CITY/COUNTY/STATE HIGHWAY RESEARCH		MISCELLANEOUS	1500	1500	1500	1500	1500
		STATEWIDE TRAFFIC CONTROL DEVICES		TRAFFIC SIGNS	7000	7000	7000	7000	7000
		STATEWIDE CONTRACT MAINTENANCE		MISCELLANEOUS	16000	16000	16000	16000	16000
		STATEWIDE ROADSIDE IMPROVEMENT		LANDSCAPING	3500	3500	3500	3500	3500
		CORRIDOR PRESERVATION		CORRIDOR PRESERVATION	500	500	500	500	500
		SCENIC BYWAY PROGRAM		MISCELLANEOUS	250	250	250	250	250
		PREVOCATIONAL TRAINING		MISCELLANEOUS	200	200	200	200	200