

# 2011 - 2015 Iowa Transportation Improvement Program



Aviation

Transit

Railroad

Trails

RISE

Statewide  
Enhancements

ICAAP

Safe Routes  
to School

Traffic  
Safety

Highway



Dear Iowans:

The Iowa Transportation Improvement Program (Program) is published to inform Iowans of planned investments in our state's transportation system. The Iowa Transportation Commission (Commission) and Iowa Department of Transportation (Iowa DOT) are committed to programming those investments in a fiscally responsible manner.

This document reflects Iowa's multimodal transportation system by the inclusion of investments in aviation, transit, railroads, trails, and highways. A major component of this program is the highway section that documents programmed investments on the primary highway system for the next five years.

A large part of funding available for highway programming comes from the federal government. Accurately estimating future funding levels of this federal funding is dependent on having a current enacted multi-year federal transportation authorization. The most recent authorization, Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), expired September 30, 2009, and to date it has been extended five times because a new authorization has not yet been enacted. The current extension expires December 31, 2010.

While Iowa law does not require the adoption of a Program when federal transportation funding is being reauthorized, the Commission believes it is important to adopt a Program in order to continue on-going planning and project development efforts and to be well positioned when a new authorization is adopted. However, it is important to recognize that, absent a federal authorization bill, there is significant uncertainty in the forecast of federal revenues. The Commission and the Iowa DOT will continue to monitor federal revenues and will adjust future investments as needed to maintain a fiscally responsible Program.

In developing the highway section of the program, the Commission's primary investment objective remains stewardship (i.e. safety, maintenance and preservation) of Iowa's existing highway system. In fact, over \$1.2 billion is programmed in FY2011 through FY2015 for preservation of Iowa's existing highway system and for enhanced highway safety features. The highway section also includes significant investments for interstate modernization on I-29 in

Sioux City, on I-29/80/480 in Council Bluffs, and on I-74 in Bettendorf/Davenport.

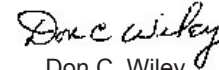
Another highway programming objective reflected in this Program is maintaining the scheduled completion of capacity and economic development projects that were identified in the previous Program. Finally, with the limited remaining funds the Commission has furthered the investment in capacity and economic development by adding a few projects to the Program.

The Iowa DOT and Commission appreciate the public's involvement in the state's transportation planning process. Comments received 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 Iowa's transportation system.

*It should be noted that this document is a planning guide. It does not represent a binding commitment or obligation of the Commission or Iowa DOT, and is subject to change.*

You are invited to visit the Iowa DOT's Web site at [iowadot.gov](http://iowadot.gov) for additional and regular updates about the department's programs and activities.

Respectfully,



Don C. Wiley  
Chair  
Mount Pleasant



Nancy J. Richardson  
Director  
Iowa Department of Transportation



Amy Reasner  
Vice Chair  
Cedar Rapids



Michael Blouin  
Commissioner  
Dubuque




Barry A. Cleaveland  
Commissioner  
Council Bluffs



Deborah Durkin  
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Loree R. Miles  
Commissioner  
West Des Moines



Wayne Sawtelle  
Commissioner  
Marshalltown

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## Caveat

The *Iowa Transportation Improvement Program* is based on estimates of funds expected to be available and 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 2011 Transportation Funding

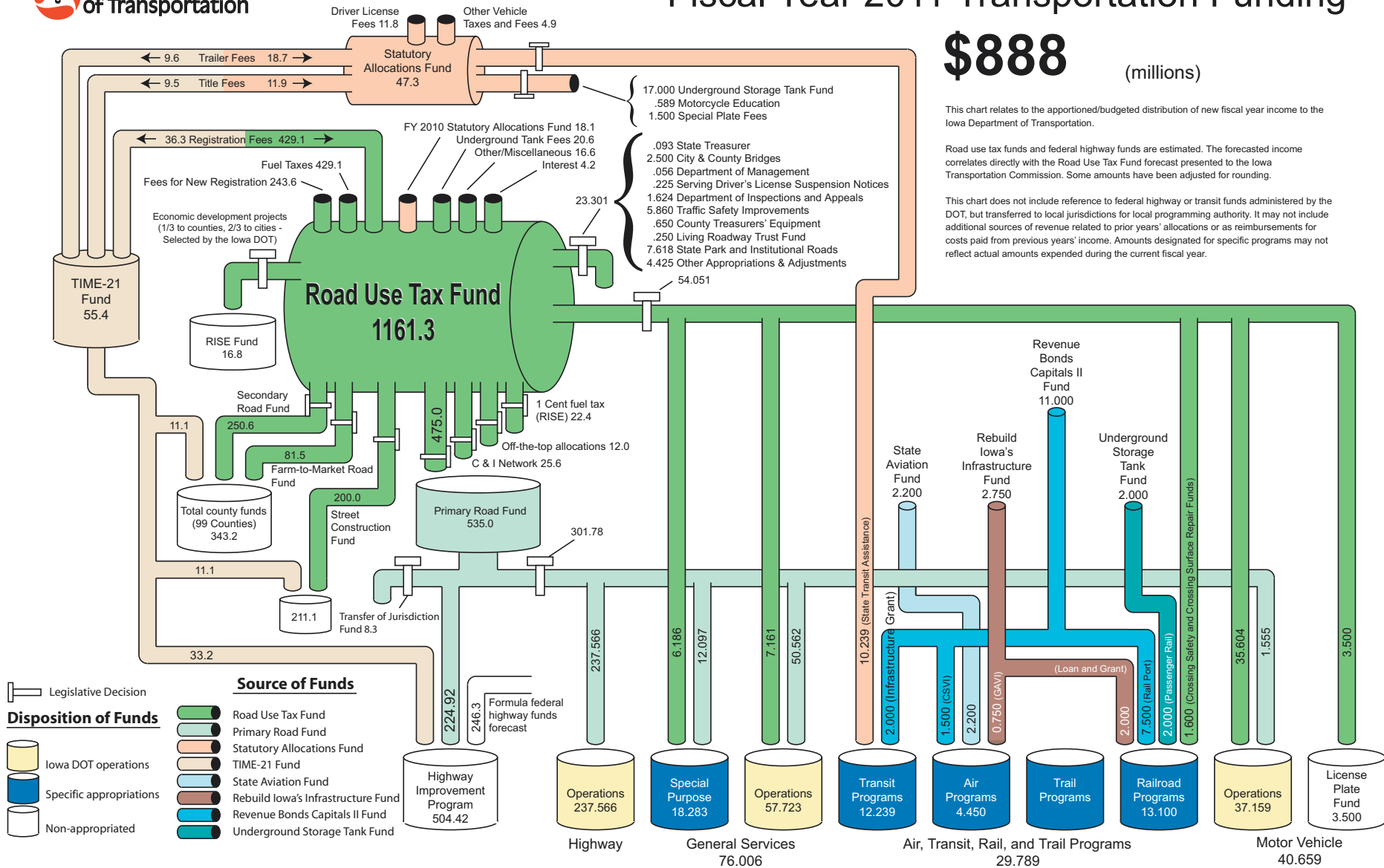
## \$888

(millions)

This chart relates to the apportioned/budgeted distribution of new fiscal year income to the Iowa Department of Transportation.

Road use tax funds and federal highway funds are estimated. The forecasted income correlates directly with the Road Use Tax Fund forecast presented to the Iowa Transportation Commission. Some amounts have been adjusted for rounding.

This chart does not include reference to federal highway or transit funds administered by the DOT, but transferred to local jurisdictions for local programming authority. It may not include additional sources of revenue related to prior years' allocations or as reimbursements for costs paid from previous years' income. Amounts designated for specific programs may not reflect actual amounts expended during the current fiscal year.



# Iowa Transportation Policy

**Goal:** The transportation goal for Iowa 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 Iowans.
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 Iowans.
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.
  - 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 Iowa.
  - Public transit systems and services.
  - Railroad transportation systems and services.
  - River transportation.
  - 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

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

# **Aviation Program**



# Aviation Program

The Iowa DOT's Office of Aviation promotes, maintains and develops Iowa's air transportation system through advocacy, planning, technical assistance and the administration of state and federal funds. The office also enhances the safety and security of the air transportation system through routine airport inspections, administration of the annual aircraft registration process, educational programs, and safety related programs. The office produces an airport directory and aeronautical chart on a biennial basis as a service to the pilot community using Iowa's air transportation system.

For additional information, see the Office of Aviation's Web site at <http://www.iowadot.gov/aviation>.

The **Airport Improvement Program (AIP)** funds aviation safety programs and aviation planning and development projects. The Commission approves annual funding allocations for various aviation safety programs and aviation planning and development projects.

**Aviation Safety** includes Emergency Operational Repairs, Pavement Maintenance, and Wildlife Mitigation programs. Airports may apply for grants on an as-needed basis while funding is available. The percentage of local match required for the projects varies by type of program.

**Automated Weather Observation Systems (AWOS)** provides a network of aviation weather reporting stations at 43 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 state 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.

Other members of the public can access AWOS information via the telephone and Internet at <http://weatherview.iowadot.gov>.

The **Runway Marking Program** provides safety critical markings 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, public-owned airports are identified by the Iowa DOT and are marked based on need and available state 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 public-use airports and hospital heliports by the Iowa DOT at no charge.

**Aviation Planning and Development** includes airport land use planning, airfield and security projects at public-owned airports, required match for federally funded statewide studies, and air service development funds for commercial service airports.

Airfield and security projects include: land acquisition; runway, apron and taxiway preservation and construction; access control; planning studies; airport lighting; fuel facilities; and installation of visual navigational and communication aids. The percentage of local match required for projects varies, depending on the type of project.

Applications are solicited each spring and are approved by the Commission when funding is available.

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

Applications are solicited each spring and are approved by the Commission when funding is available.

The **Commercial Service Vertical Infrastructure (CSVI) Program** provides funding for land side 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 Commission when funding is available.

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.

**Federal Airport Improvement Program (FAIP)** funding is available to airports that are part of the National Plan of Integrated Airports System (NPIAS). Administered by the Federal Aviation Administration (FAA), the FAIP provides funds for projects to improve infrastructure including runways, taxiways, noise control, land purchases, navigational aids, and safety. There are 78 airports in Iowa that are eligible for FAIP funding.

Iowa is a channeling state, which means that general aviation airports and small commercial service airports with fewer than 10,000 annual passenger boardings are required to submit pre-applications for the Federal Airport Improvement Program to the Iowa DOT's Office of Aviation. Pre-applications are submitted late in the year, and forwarded to the FAA in February after the Commission has approved prioritization of the pre-applications. Applications are then prioritized by the FAA and a program for the next federal fiscal year is developed.

For additional information, see the Office of Aviation's Web site at <http://www.iowadot.org/aviation>.

**Aviation Program  
Fiscal Year 2010**

<b>Commercial Service Vertical Infrastructure (CSVI) Projects</b>	<b>\$ 1,500,000</b>
<b>General Aviation Vertical Infrastructure (GAVI) Projects</b>	<b>\$ 975,069</b>
<b>Airport Improvement Program</b>	<b>\$ 2,449,338</b>
<b>Aviation Safety</b>	<b>\$ 450,000</b>
<ul style="list-style-type: none"><li>• AWOS maintenance and data link</li><li>• Runway marking</li><li>• Runway pavement maintenance</li><li>• Emergency operational repairs</li><li>• Wildlife mitigation</li><li>• Windsocks</li><li>• Education and outreach</li></ul>	
<b>Aviation Planning and Development</b>	<b>\$ 1,999,338</b>
<ul style="list-style-type: none"><li>• Airfield and security projects</li><li>• Air service development</li><li>• Land use planning</li><li>• Match for federal studies</li></ul>	
<b>TOTAL</b>	<b>\$ 4,924,407</b>

**Commercial Service Vertical Infrastructure (CSVI) Approved Projects  
Fiscal Year 2010**

<b>Airport</b>	<b>Type of Improvement</b>	<b>Total Project Cost</b>	<b>State Share</b>
Des Moines	Construct sand chemical storage building, install self-service fuel facility	\$ 674,286	\$ 566,730
Dubuque	Develop terminal design and prepare construction document	\$ 600,000	\$ 110,646
Eastern Iowa - Cedar Rapids	Renovate terminal building - airline ticket office area	\$ 550,000	\$ 319,672
Fort Dodge	Rehabilitate T-hangars, install security system, rehabilitate terminal	\$ 115,000	\$ 96,339
Mason City	Construct FBO office addition	\$ 500,000	\$ 98,021
Sioux City	Renovate terminal building - non-federal eligible portions	\$ 375,000	\$ 109,759
Southeast Iowa - Burlington	Construct aircraft hangar	\$ 464,000	\$ 94,457
Waterloo	Rehabilitate hangars A and B - replace doors	\$ 117,000	\$ 104,376
<b>TOTAL</b>		<b>\$ 3,395,286</b>	<b>\$ 1,500,000</b>



**General Aviation Vertical Infrastructure (GAVI) Approved Projects  
Fiscal Year 2010**

<b>Airport</b>	<b>Type of Improvement</b>	<b>Total Project Cost</b>	<b>State Share</b>
Atlantic Municipal Airport	Construct three unit T-hangar	\$ 174,700	\$ 148,495
Boone Municipal Airport	Construct two unit aircraft hangar	\$ 177,166	\$ 141,733
Clarion Municipal Airport	Rehabilitate hangar - Phase 1	\$ 152,000	\$ 76,706
Davenport Municipal Airport	Rehabilitate T-hangar doors	\$ 140,000	\$ 91,000
Fairfield Municipal Airport	Rehabilitate hangar	\$ 80,000	\$ 68,000
Independence Municipal Airport	Construct hangar extension	\$ 390,000	\$ 195,000
Maquoketa Airport	Rehabilitate hangar	\$ 26,053	\$ 22,145
Osceola Municipal Airport	Rehabilitate maintenance hangar	\$ 40,000	\$ 28,000
Ottumwa Industrial Airport	Rehabilitate hangar structure for new door installation	\$ 75,000	\$ 60,000
Red Oak Municipal Airport	Rehabilitate hangar roof	\$ 35,000	\$ 28,000
Shenandoah Airport	Rehabilitate hangar - construct PCC floor	\$ 29,400	\$ 24,990
Tipton Municipal Airport	Construct hangar	\$ 140,000	\$ 91,000
<b>TOTAL</b>		<b>\$ 1,459,319</b>	<b>\$ 975,069</b>

**Airfield and Security Approved Projects  
Fiscal Year 2010**

Airport	Type of Improvement	Total Project Cost	State Share
Atlantic Municipal Airport	Construct taxiway for new T-hangar	\$ 23,950	\$ 20,358
Boone Municipal Airport	Construct apron/taxiway for new hangar	\$ 33,334	\$ 26,667
Cherokee County Regional Airport	Upgrade existing fuel facility	\$ 154,000	\$ 123,200
Davenport Municipal Airport	Rehabilitate T-hangar taxiway and storm sewer	\$ 22,000	\$ 15,400
Fairfield Municipal Airport	Rehabilitate hangar taxiway - Phase 1	\$ 119,450	\$ 101,530
Fort Dodge Regional Airport	Replace airfield signs	\$ 20,000	\$ 17,000
Humboldt Airport	Relocate electrical vault	\$ 60,000	\$ 51,000
Iowa City Municipal Airport	Rehabilitate taxilane and apron pavement and improve taxilane drainage	\$ 214,300	\$ 182,155
Le Mars Municipal Airport	Rehabilitate T-hangar access	\$ 20,000	\$ 17,000
Marshalltown Municipal Airport	Conduct drainage study for future construction projects	\$ 15,000	\$ 12,750
Mason City Airport	Rehabilitate FBO apron area	\$ 73,346	\$ 62,344
Muscatine Municipal Airport	Construct hangar access road	\$ 115,915	\$ 98,528
Newton Municipal Airport	Replace wind indicator	\$ 18,200	\$ 15,470
Perry Municipal Airport	Replace fuel system	\$ 185,000	\$ 148,000
Pocahontas Airport	Rehabilitate taxiway	\$ 74,820	\$ 63,597
Red Oak Municipal Airport	Upgrade fuel facility	\$ 19,000	\$ 15,200
Shenandoah Airport	Reconstruct hangar taxiway	\$ 68,000	\$ 57,800
Sioux Gateway Airport/Col. Bud Day Field	Rehabilitate runway - friction tests and rubber build-up removal	\$ 50,000	\$ 42,500
Southeast Iowa Regional Airport - Burlington	Expand apron for hangars	\$ 61,000	\$ 51,850
Spencer Municipal Airport	Install self-fueling system with card reader	\$ 20,000	\$ 14,000
Spirit Lake Dickinson County Airport Authority	Resurface runway, taxiway and hangar approaches	\$ 201,600	\$ 171,360
Eastern Iowa Airport - Cedar Rapids	Rehabilitate runway 13/31 - fog seal - asphalt emulsion spray	\$ 95,000	\$ 80,750
Tipton Municipal Airport	Resurface ramp area	\$ 25,000	\$ 16,250
Vinton Airport	Install Jet A fuel system	\$ 185,000	\$ 148,000
Vinton Airport	Install airport entrance sign	\$ 10,000	\$ 5,000
Waverly Municipal Airport	Install Jet A fuel system	\$ 55,000	\$ 46,750
Winterset Airport	Rehabilitate fuel farm	\$ 52,800	\$ 44,880
<b>TOTAL</b>		<b>\$ 1,991,715</b>	<b>\$1,649,339</b>

# Public-Owned Airports

SIoux FALLS

ROCHESTER

LACROSSE

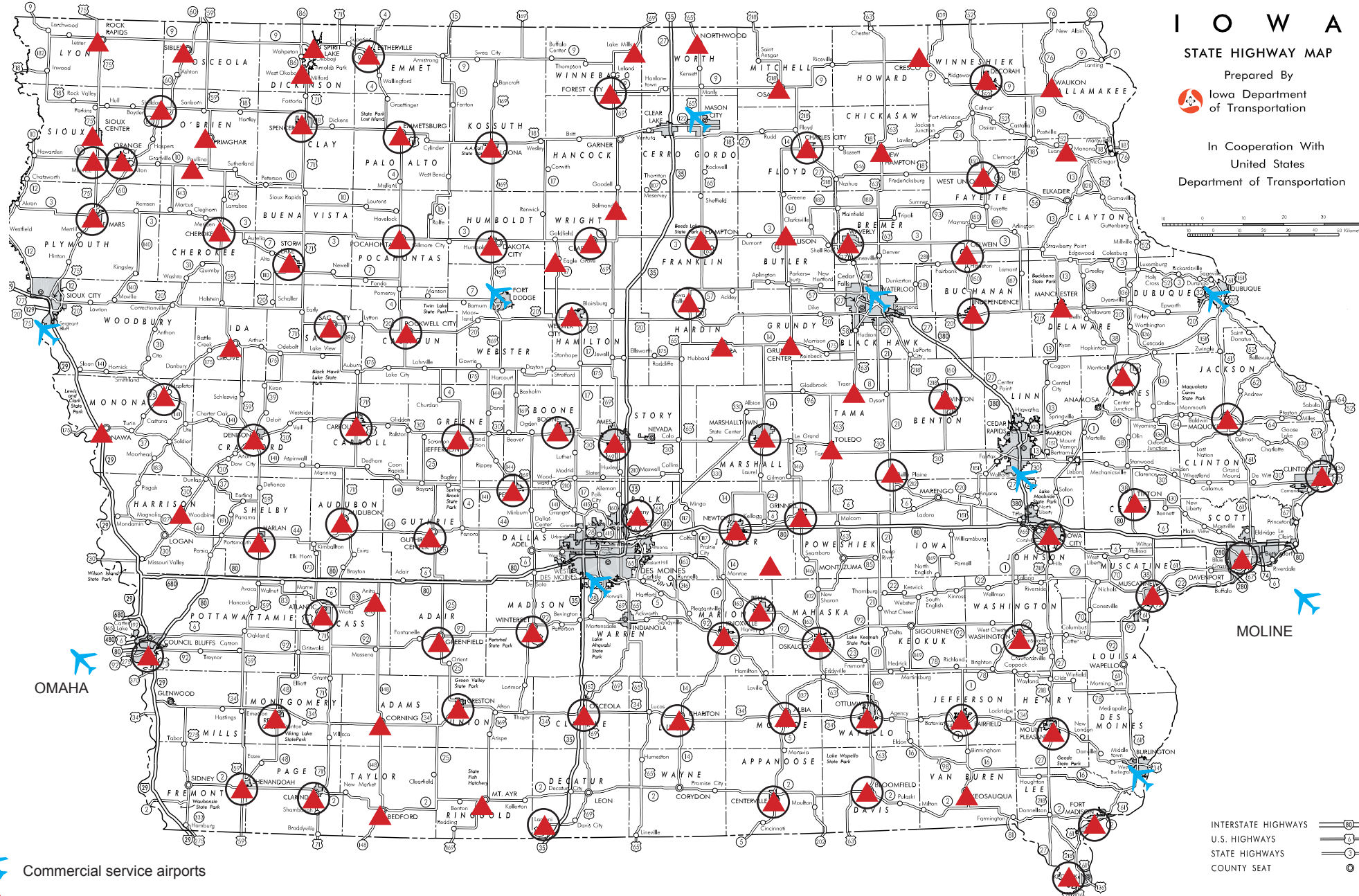
I O W A

STATE HIGHWAY MAP

Prepared By



In Cooperation With  
United States  
Department of Transportation



- Commercial service airports
- General service airports
- Eligible for federal funds

- INTERSTATE HIGHWAYS
- U.S. HIGHWAYS
- STATE HIGHWAYS
- COUNTY SEAT



# **Transit Program**



# Transit Program

The Iowa DOT's Office of Public Transit promotes a public transportation system that meets the needs of Iowans through advocacy, technical assistance, and administration of state and federal financial assistance to Iowa's 35 local public transit systems. The office is responsible for administering all of the state transit programs, plus all federal transit assistance for regional and small urban transit systems, and intercity bus carriers, and most of the federal non-formula projects for transit systems serving Iowa's urbanized areas. Planning projects are administered for the state's metropolitan planning organizations and regional planning affiliations by the department's Office of Systems Planning.

**State Transit Assistance (STA)** - Iowa devotes four percent of the fees for new registration collected on sales of motor vehicles and accessory equipment to support public transportation. Most of this money is distributed by a formula 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 each year's STA funds are available for technical training and other projects to improve public transit in Iowa. Estimated STA receipts for FY2011 are \$10,238,656.

- *Public Transit Infrastructure Grant Program (PTIG)* - This program was established by the 2006 session of the Iowa General Assembly, but is based on annual appropriations. \$2.2 million was appropriated for FY2007, FY2008, and FY2009. \$1.25 million was appropriated in FY2010. The purpose of the program is to provide funding for improvement of the vertical infrastructure of Iowa's designated public transit systems. These funds are available on a competitive basis. Program funds may reimburse up to 80 percent of transit-related costs, with at least 20 percent of transit-related project costs derived from local sources. When this funding is combined with federal or other state resources, the project's transit-related costs may not exceed 80 percent.

The **Federal Transit Administration (FTA)** is a unit of the U.S. Department of Transportation that administers a number of programs offering financial support for local public transportation. All FTA programs providing assistance to Iowa transit systems are funded through the 2.86 cents per gallon of the federal motor fuel tax dedicated to transit. When FTA funds are used for support of operating costs, the FTA participation is limited to 50 percent of the net project cost. When used for capital improvements, the FTA participation is normally limited to 80 percent of net cost, but can go to 90 percent for specific features required for compliance with the Americans with Disabilities Act or the Clean Air Act, or a "blended" 83 percent for purchase of rolling stock equipped with such features. When used for planning, the FTA participation is limited to 80 percent.

- *Section 5303 Metropolitan Transportation Planning Program* - These FTA funds come to Iowa based on the number of individuals living in urbanized areas (over 50,000 population) compared to other states. Iowa uses these funds to support intermodal transportation planning activities in urbanized areas by metropolitan planning organizations.

- *Section 5304 Statewide Transportation Planning Program* - These FTA funds come to Iowa based on the number of individuals living in urbanized areas (over 50,000 population) compared to other states. A minimum allocation provision assures all states receive a portion of the available funds. Funds may be used to support intermodal transportation planning activities anywhere in the state. Iowa uses these funds, along with part of the non-urbanized formula funding, to support intermodal transportation planning activities in urbanized areas by regional planning affiliations.

- *Section 5307 Urbanized Area Formula Program* - These FTA funds for areas with populations between 50,000 and 200,000 are apportioned to the state on the basis of the collective population and population density of the urbanized areas. The department suballocates them using the same formula. In areas over 200,000 in population, the FTA directs allocations, using the same formula, plus additional performance-based factors. Funds may be used to support transit capital, maintenance and planning activities in all urbanized areas, and general operations in areas under 200,000 in population. Transit systems may use up to 10 percent of these funds to pay for some of the Americans with Disabilities Act paratransit costs on an 80 percent federal and 20 percent non-federal 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. Match for FTA funds must be from non-federal sources.

- *Section 5309 Capital Investment Grants - Bus and Bus Facilities* - These FTA funds are available to Iowa based on Congressional appropriations. They may be used only for transit capital improvements. Match for FTA funds must be from non-federal sources.

- *Section 5310 Special Needs Transportation Program* - These FTA funds come to Iowa on the basis of the number of persons who are elderly or who have disabilities within the state, compared to other states. These funds can be used to support the capital costs (including costs of contracted services) of transit services that predominantly serve elderly persons or persons with disabilities. In Iowa, 70 percent of the funds are distributed among transit systems serving urbanized areas for use on such projects, while 30 percent of the funds are administered in conjunction with the non-urbanized (5311) program funds. Match for the FTA funding may come from non-DOT federal funds as well as from non-federal sources.



- *Section 5311 Non-Urbanized Area Formula Program* - These FTA funds come to Iowa on the basis of the number of Iowans who live outside urbanized areas, compared to other states. The funds may be used to support the cost of transit operations or capital or planning activities in non-urbanized areas. Match for the FTA funding may come from non-DOT federal funds, as well as from non-federal sources. Federal law requires that 15 percent of the funds be used for support of intercity bus projects.

- *Section 5316 Job Access Reverse Commute Program (JARC)* - These FTA funds are distributed at the national level based on the number of low-income persons. Separate apportionments are made to each urbanized area with a population of 200,000 or more, and two separate apportionments to each state (one for non-urbanized areas and one for urbanized areas of less than 200,000 population). Each apportionment must be made available locally on a competitive basis. These funds may be used to provide transportation services to assist welfare recipients and low-income individuals to access employment opportunities and related services. Funding can be used to support operating or capital costs. Match for the FTA funding may come from non-DOT federal funds, as well as from non-federal sources.

- *Section 5317 New Freedom Program* - These FTA funds are distributed at the national level based on the number of persons with disabilities. Separate apportionments are made to each urbanized area with a population of 200,000 or more, and two separate apportionments to each state (one for non-urbanized areas and one for urbanized areas of less than 200,000 population). Each apportionment must be made available locally on a competitive basis. This program may be used to support operating or capital projects that address the transportation needs of persons with disabilities that are new since passage of SAFETEA-LU, and that go beyond the minimum requirements of the Americans with Disabilities Act (ADA). Match for the FTA funding may come from non-DOT federal funds, as well as from non-federal sources.

**Federal Flexible Transportation Funding** - These federal funds may be “flexed” to fund public transit projects, or roadway or bicycle/pedestrian projects. When programmed for transit projects, these funds are transferred to the FTA and administered under the rules of one of the FTA programs, except that the matching requirements remain as legislated for the specific flex-funding program.

- *Surface Transportation Program (STP)* - These are federal funds that may be “flexed” to fund public transit capital projects, roadway or trail projects with an 80 percent federal participation limit, and match required to come from non-federal sources. In Iowa, about half of these funds are

programmed by local governments acting through metropolitan or regional planning agencies. When programmed for transit projects, these funds are transferred to the FTA and administered the same as Section 5307 or 5311 funds, depending on whether an urbanized or non-urbanized transit system is the project sponsor.

- *Iowa’s Clean Air Attainment Program (ICAAP)* - This is a state program which commits federal funds to address the federal congestion mitigation and air quality program. This program allows “flexing” of funds to transit, roadways or trails. Iowa receives a minimum allocation of these funds because it does not have any areas in violation of federal air-quality standards. These funds can be used for any purpose that STP funds can be used for, plus certain start-up operating costs for transit and rideshare projects. Federal participation is limited to 80 percent (including for net start-up operating costs), and match must be from non-federal sources. In Iowa, funds are programmed based on a statewide application process that selects projects based on their anticipated air quality or congestion relief benefits. When programmed for transit projects, these funds are transferred to the FTA and administered through statewide grant by the Office of Public Transit, using the rules of either the 5307 or 5311 program, depending on whether an urbanized or non-urbanized transit system is the project sponsor.

Additional information and assistance can be found on the Office of Public Transit Web site at <http://www.iatransit.com>.



# Public Transit Infrastructure Grant Program

Fiscal Year 2010

Applicant	Project Description	State Infrastructure Funding
Ames	Replace exterior insulation and finish surfacing on west wall of Cy-Ride maintenance facility	\$ 160,000
Coralville	Facility relocation - Phase II	\$ 494,323 *
Des Moines	Rehabilitate masonry and update energy system upgrade	\$ 80,000
Region 2 (Mason City)	Facility expansion	\$ 140,800
Region 5 (Fort Dodge)	Hamilton County satellite maintenance facility	\$ 574,320
Region 9 (Davenport)	Replace bus wash system	\$ 104,000
Region 15 (Ottumwa)	Maintenance shop expansion	\$ 188,000
Region 16 (Burlington)	Transit administration building	\$ 237,000
<b>TOTAL</b>		<b>\$ 1,978,443</b>

\* Up to \$800,000, if additional funds become available through closeout of earlier projects

For additional information, see the Office of Public Transit Web site at <http://www.iatransit.com>

**Job Access/Reverse Commute Projects for Iowa's Small Urbanized Areas  
Fiscal Year 2010**

<b>Transit System</b>	<b>Cont. or New</b>	<b>Project Description</b>	<b>Federal Funding</b>
Ames	Continuation	Mid-day South Duff service	\$ 7,628
Ames	Continuation	Brown route weeknight service	\$ 16,565
Ames	Continuation	Brown route summer service	\$ 14,743
Cedar Rapids	Continuation	Cab service subsidy	\$ 50,022
Cedar Rapids	Continuation	Neighborhood Transportation service	\$ 133,625
Coralville	Continuation	Express Route - expanded hours	\$ 37,352
Dubuque	New	Expanded service hours	\$ 29,700
Iowa City	Continuation/New	Manvill Heights/North Dodge/Cross Park route	\$ 162,712
Sioux City	New	After hours subscription ride service	\$ 36,240
Waterloo	Continuation	Route 9 Cedar Falls Loop	\$ 81,334
Waterloo	Continuation	Prime Time service	\$ 81,001
<b>TOTAL</b>			<b>\$ 650,922</b>

**Job Access/Reverse Commute Projects for Iowa's Non-Urbanized Areas  
Fiscal Year 2010**

<b>Transit System</b>	<b>Cont. or New</b>	<b>Project Description</b>	<b>Federal Funding</b>
Muscatine	Continuation	Evening service expansion	\$ 42,000
Ottumwa	Continuation	Employment site transportation	\$ 55,000
Region 1 (Decorah)	Continuation	Continue service expansion G & G	\$ 35,000
Region 3 (Spencer)	Continuation	Night dial-a-ride - Dickinson County	\$ 60,000
Region 3 (Spencer)	Continuation	Night dial-a-ride - Buena Vista County	\$ 15,000
Region 5 (Fort Dodge)	New	Electrolux employee shuttle	\$ 11,131
Region 8 (Dubuque)	Continuation	Service continuation	\$ 99,246
Region 12 (Carroll)	Continuation	Partnership 4 Families school-to-work	\$ 28,000
Region 13 (Atlantic)	Continuation	Expanded service hours	\$ 12,500
Region 15 (Ottumwa)	New	Vermeer project	\$ 25,000
Region 16 (Burlington)	Continuation	Tyson - one MD bus	\$ 68,060
Region 16 (Burlington)	Continuation	East-West staffing - operating	\$ 16,044
Region 16 (Burlington)	Continuation	East-West staffing - one MD bus	\$ 68,060
<b>TOTAL</b>			<b>\$ 535,041</b>

**New Freedom Projects for Iowa's Small Urbanized Areas  
Fiscal Year 2010**

<b>Transit System</b>	<b>Cont. or New</b>	<b>Project Description</b>	<b>Federal Funding</b>
Ames	New	One 40' HD bus with oversized lift	\$ 318,720
Cedar Rapids	Continuation	Personal use portion of the CABS Program	\$ 34,014
Sioux City	Continuation	Voucher program	\$ 50,250
<b>TOTAL</b>			<b>\$ 402,984</b>

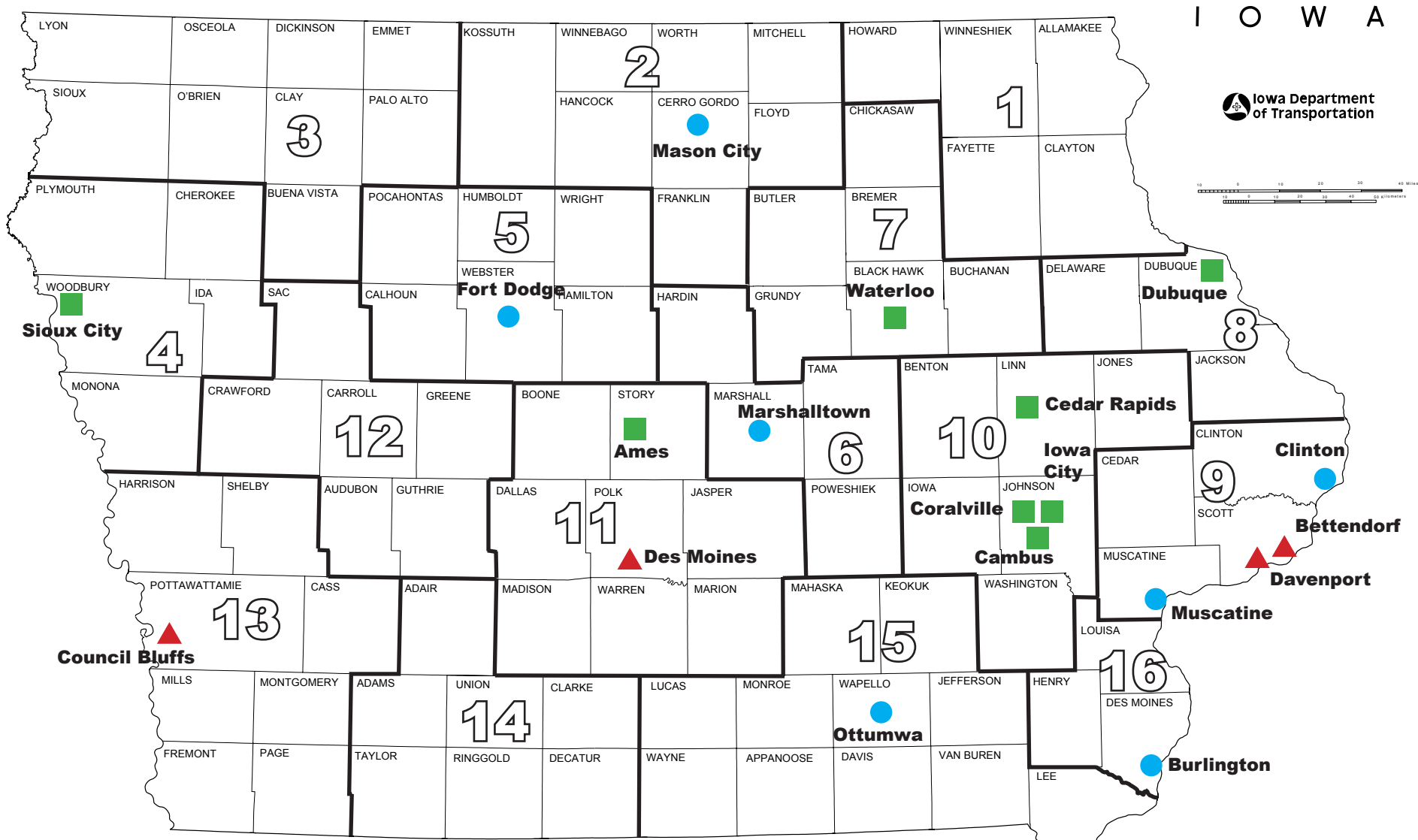
**New Freedom Projects for Iowa's Non-Urbanized Areas  
Fiscal Year 2010**

<b>Transit System</b>	<b>Cont. or New</b>	<b>Project Description</b>	<b>Federal Funding</b>
Fort Dodge	Continuation	Paratransit hours expanded	\$ 4,383
Muscatine	Continuation	Expanded evening transportation services	\$ 7,887
Ottumwa	Continuation	Additional hours on Sundays	\$ 7,402
Region 1 (Decorah)	Continuation	Veteran Medical Facility Transportation	\$ 16,903
Region 3 (Spencer)	Continuation	Sheldon night service	\$ 13,000
Region 4 (Sioux City)	New	Bus stop benches for new routes in Le Mars	\$ 11,280
Region 5 (Fort Dodge)	Continuation	Demand-response service into Fort Dodge	\$ 11,432
Region 6 (Marshalltown)	Continuation	Iowa City medical services expansion	\$ 4,205
Region 7 (Waterloo)	Continuation	Expanded weekday service in Independence	\$ 10,520
Region 8 (Dubuque)	Continuation	Six separate county projects	\$ 8,346
Region 8 (Dubuque)	Continuation	Dialysis route - Maquoketa to Dubuque	\$ 16,000
Region 11 (Des Moines)	New	Boone to Des Moines medical transportation	\$ 15,600
Region 11 (Des Moines)	Continuation	Ames to Iowa City medical transportation	\$ 11,482
Region 12 (Carroll)	Continuation	Genesis Development transportation from Churdan to Jefferson five days/week	\$ 15,607
Region 13 (Atlantic)	Continuation	Discount voucher program - Atlantic	\$ 8,115
Region 13 (Atlantic)	Continuation	Expanded service hours in Harlan	\$ 4,600
Region 15 (Ottumwa)	Continuation	Expanded service	\$ 22,562
Statewide	New	Mobility Manager Program	\$ 300,000
<b>TOTAL</b>			<b>\$ 489,324</b>

**Intercity Bus Assistance Program  
Calendar Year 2010**

<b>Transit System</b>	<b>Project Description</b>	<b>Federal Funding</b>
Burlington Trailways	Support for existing service	\$ 190,185
Burlington Trailways	New service - Des Moines - Grinnell - Iowa City - Davenport	\$ 65,884
Burlington Trailways	Marketing - existing service	\$ 7,500
Burlington Trailways	Marketing - new service	\$ 12,000
Burlington Trailways	Purchase new intercity coach	\$ 410,905
Burlington Trailways	Purchase training simulator	<u>\$ 310,000</u>
	<b>Subtotal</b>	<b>\$ 996,474</b>
Fort Dodge DART	Marketing - existing route Fort Dodge - Boondocks	<u>\$ 7,500</u>
	<b>Subtotal</b>	<b>\$ 7,500</b>
Greyhound Lines	Support for existing service	<u>\$ 108,799</u>
	<b>Subtotal</b>	<b>\$ 108,799</b>
Jefferson Lines	Support for existing service	\$ 163,831
Jefferson Lines	Premium new service	\$ 83,950
Jefferson Lines	New service - Mason City - Waterloo	\$ 37,960
Jefferson Lines	Marketing - existing	\$ 7,500
Jefferson Lines	Marketing - premium service	\$ 12,000
Jefferson Lines	Marketing - new service	\$ 12,000
Jefferson Lines	Marketing - Iowa Travel Information Center	\$ 39,680
Jefferson Lines	Purchase new intercity coach	\$ 424,000
Jefferson Lines	Purchase new medium-duty bus	<u>\$ 96,000</u>
	<b>Subtotal</b>	<b>\$ 876,921</b>
Royal Charters	New service - Le Mars - Sioux City - Orange City - Sioux Center	\$ 59,359
Royal Charters	New service - Fort Dodge - Sioux City	\$ 82,560
Royal Charters	Marketing - Le Mars new service	\$ 12,000
Royal Charters	Marketing - Fort Dodge new service	<u>\$ 12,000</u>
	<b>Subtotal</b>	<b>\$ 165,919</b>
<b>TOTAL</b>		<b>\$ 2,155,613</b>

# Large Urban, Small Urban and Regional Transit Systems



- ▲ Four transit systems in urbanized areas >200,000 population
- Eight transit systems in urbanized areas 50,000 to 200,000 population
- Seven transit systems in small urban areas <50,000 population
- 16 regional transit systems





# **Railroad Program**



# Railroad Program

The Iowa DOT's Office of Rail Transportation encourages and assists with 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.
- Promote the rail transportation system as a component of a balanced, statewide transportation system.

More information about the Office of Rail Transportation, program application forms and other rail activities is available at <http://www.iowadot.gov/iowarail>

The **Federal-Aid Highway/Rail Crossing Safety 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 crossbucks and yield signs, 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 project 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 automatic warning devices.

Projects funded for 2010 and 2011 are shown on pages 21-24. For more information call 515-239-1549.

The **Iowa Grade Crossing Surface Repair Program** promotes public safety at highway-rail crossings throughout the state. The program participates in the cost of surface replacement at public highway-railroad grade crossings. The annual allocation of \$900,000 from the Road Use Tax Fund pays 60 percent of the cost of the replacement, with the roadway jurisdiction and railroad each paying 20 percent. Applications must be submitted jointly by railroads and highway authorities to be considered for funding. Eligible projects are programmed in the order applications are received by the Iowa DOT.

An annual allocation of \$1 million in federal-aid safety funding is used to rebuild public highway-railroad crossings 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.

An allocation from Iowa's Primary Road Fund is used annually to rebuild highway-railroad crossing surfaces on the Primary Road System. This allows federal and state surface repair funds to be utilized on city and county projects.

State and federal highway-railroad grade crossing surface repair projects programmed for FY2010-2011 are shown on pages 25-26. For more information call 515-239-1108.

The **Railroad Revolving Loan and Grant Program** assists business and industry to improve rail infrastructure. The program helps finance, through loans and grants, construction or expansion of rail connections (e.g., sidings, switches, etc.) and railroad rehabilitation or expansion. Rail loan repayments and state appropriations fund the program. FY2009 funding was concentrated on flood recovery activities with seven loans totaling nearly \$4 million awarded to Class II and III railroads adversely impacted by flooding during the spring and summer of 2008. All projects funded in FY2009 and FY2010 are shown on page 27. For more information call 515-239-1066.



## Federal-Aid Highway/Rail Crossing Safety Program 2010 Construction Program

Federal ID#	Applicant*	Railroad	Highway Jurisdiction	Road Location	Present Warning Device	Type of Improvement	B/C Ratio	Federal Funds
191103A	RR	UP	Pottawattamie County	Joslin Avenue	Signals	Signals w/Gate Arms	5.2	\$ 180,000
307110M	RR	CC	Waterloo	North Evans Road	Crossbucks	Signals w/Gate Arms	3.2	\$ 175,000
307177U	RR	CC	Waterloo	Wagner Road	Signals	Signals w/Gate Arms	2.8	\$ 140,000
385521E	HA	ICE	Ventura	McIntosh Road	Crossbucks	Signals	2.8	\$ 160,000
307112B	RR	CC	Waterloo	Osage Road	Crossbucks	Signals w/Gate Arms	2.6	\$ 175,000
095276C	RR/HA	BNSF	Mills County	262nd Street	Crossbucks	Signals w/Gate Arms	2.3	\$ 180,000
876128R	RR	UP	Hardin County	140th Street	Crossbucks	Signals w/Gate Arms	2.3	\$ 200,000
608601T	RR	UP	Winnebago County	20th Avenue	Signals	Signals w/Gate Arms	2.3	\$ 180,000
185856S	HA	UP	Osceola County	260th Street	Crossbucks	Signals w/Gate Arms	2.2	\$ 200,000
191084X	RR	UP	Pottawattamie County	Desoto Avenue	Signals	Signals w/Gate Arms	2.1	\$ 180,000
876184X	RR/HA	UP	Cerro Gordo County	130th Street	Crossbucks	Signals w/Gate Arms	2.0	\$ 190,000
876082E	RR	UP	Story County	210th Street	Crossbucks	Signals w/Gate Arms	1.9	\$ 220,000
378243Y	HA	IAIS	Council Bluffs	South 17th Street	Crossbucks	Signals w/Gate Arms	1.9	\$ 175,000
876083L	RR	UP	Story County	200th Street	Crossbucks	Signals w/Gate Arms	1.9	\$ 220,000
191348R	RR/HA	UP	Sioux City	Donner Avenue	Crossbucks	Signals w/Gate Arms	1.9	\$ 195,000
876113B	RR	UP	Hardin County	220th Street	Crossbucks	Signals w/Gate Arms	1.9	\$ 220,000
307510F	HA	CC	Storm Lake	Ontario Street	Crossbucks	Signals w/Gate Arms	1.8	\$ 175,000
307185L	RR	CC	Cedar Falls	Main Street East	Signals	Signals w/Gate Arms	1.8	\$ 175,000
						Crossing Closures Statewide		\$ 22,500
						Yield Sign Pilot Project		\$ 40,000
<b>TOTAL</b>								<b>\$ 3,402,500</b>

\* HA = Highway Authority

## Federal-Aid Highway/Rail Crossing Safety Program 2011 Accomplishment Program Candidates

Federal ID#	Applicant*	Railroad	Highway Jurisdiction	Road Location	Present Warning Device	Type of Improvement	B/C Ratio	Federal Funds
190625U	RR	UP	Marshalltown	South Sixth Street	Signals	Raised Medians	10.8	\$ 25,000
307657F	RR	CC/UP	Merrill	Main Street	Signals	Signals w/Gate Arms	6.2	\$ 125,000
307836W	RR	CC	Cedar Rapids	Blairs Ferry Road @ I-380	Signals	Signals w/Gate Arms	5.4	\$ 128,000
385724J	HA	DME	Clay County	180th Avenue	Crossbucks	Signals w/Gate Arms	4.8	\$ 125,000
191309A	RR	UP	Sergeant Bluff	Eighth Street	Signals	Signals w/Gate Arms	4.2	\$ 155,000
307823V	RR	CC	Linn County	County Home Road	Signals	Signals w/Gate Arms	4.0	\$ 130,000
876163E	RR	UP	Franklin County	Olive Avenue	Signals	Signals w/Gate Arms	3.3	\$ 165,000
875930A	RR	UP	DOT	Iowa 17	Signals	Signals w/Gate Arms	3.2	\$ 160,000
190394N	HA	UP	Clinton County	243rd Street	Crossbucks	Signals w/Gate Arms	3.1	\$ 145,000
191052S	RR	UP	Harrison County	Parker Trail	Crossbucks	Signals w/Gate Arms	3.1	\$ 145,000
875889K	RR	UP	Bode	Humboldt Avenue	Signals	Signals w/Gate Arms	3.0	\$ 130,000
382037T	HA	BNSF	Sioux City	Court Street	Crossbucks	Signals w/Gate Arms	3.0	\$ 165,000
196543H	RR	UP	Fort Dodge	Fifth Avenue South	Signals	Signals w/Gate Arms	2.8	\$ 155,000
196271X	RR	UP	Fort Dodge	Fifth Avenue South	Signals	Signals w/Gate Arms	2.0	\$ 145,000
385253W	HA	DME	Winneshiek County	295th Avenue	Crossbucks	Signals w/Gate Arms	2.8	\$ 145,000
195406X	RR	UP	Lake Mills	South Fourth Avenue West	Crossbucks	Signals w/Gate Arms	2.8	\$ 170,000
875881F	RR	UP	Humboldt County	110th Street	Signals	Signals w/Gate Arms	2.7	\$ 175,000
307539D	HA	CC	Aurelia	Main Street	Signals	Signals w/Gate Arms	2.7	\$ 145,000
380019N	HA	DME	Cerro Gordo County	305th Street (County Road B-20)	Crossbucks	Signals w/Gate Arms	2.5	\$ 125,000
876200E	RR	UP	Cerro Gordo County	240th Street	Crossbucks	Signals w/Gate Arms	2.5	\$ 165,000
196532V	RR	UP	Webster County	170th Street	Signals	Signals w/Gate Arms	2.5	\$ 180,000
192915J	HA	UP	DOT	U.S. 30	Signals	Signals w/Gate Arms	2.5	\$ 180,000
195996W	HA	UP	Worth County	Fir Avenue	Crossbucks	Signals w/Gate Arms	2.4	\$ 170,000
191045G	RR	UP	Woodbine	Rawlins Avenue	Crossbucks	Signals w/Gate Arms	2.4	\$ 160,000
196591X	RR	UP	Wright County	Hancock Avenue	Crossbucks	Signals w/Gate Arms	2.4	\$ 145,000
307607C	RR/HA	CC	Plymouth County	Tamarack Avenue (Co Rd L-22)	Crossbucks	Signals	2.4	\$ 120,000
602484E	RR	UP	Des Moines	East Market Street	Signals	Signals w/Gate Arms	2.4	\$ 155,000
195943X	RR	UP	DOT	Iowa 3	Signals	Signals w/Gate Arms	2.4	\$ 85,000
						Crossing Closures Statewide		\$ 15,000

**TOTAL** **\$ 4,033,000**

\* HA = Highway Authority

## 2010 Federal-Aid Highway/Rail Crossing Safety Program Surface Repair Projects

County	Federal ID#	Railroad	Highway Jurisdiction	Road Location	Federal Safety Funds (60%)
Linn	190500U	UP	Cedar Rapids	9th Avenue Southeast & 4th Street	\$ 98,521
Lee	078050W	BNSF	Lee County	Ortho Road	\$ 38,651
Lee	078040R	BNSF	Lee County	245th Avenue	\$ 65,045
Lee	078041X	BNSF	Lee County	245th Avenue	\$ 38,038
Lee	078276H	BNSF	Lee County	180th Street	\$ 67,000
Linn	190499C	UP	Cedar Rapids	10th Avenue Southeast - 400 Block	\$ 57,788
Des Moines	078061J	BNSF	Des Moines County	120th Avenue	\$ 51,116
<b>TOTAL</b>					<b>\$ 416,159</b>

The above projects received Iowa DOT Commission approval on 11/01/2005, but were delayed until 2010.

Muscatine	606835P	IAIS	Muscatine County	County Road X-54	\$ 36,000
Woodbury	382070T	BNSF	Sioux City	Hamilton Boulevard	\$ 73,490
Woodbury	064026E	BNSF	Sioux City	18th Street	\$ 144,448
Muscatine	607215E	ICE	Muscatine	Sampson Avenue	\$ 186,975
Buchanan	307085G	CC	Jesup	Main Street	\$ 71,919
Cerro Gordo	385471D	ICE	Cerro Gordo County	Thrush Avenue	\$ 42,452
<b>TOTAL</b>					<b>\$ 555,284</b>

## 2011 Federal-Aid Highway/Rail Crossing Safety Program Surface Repair Projects

County	Federal ID#	Railroad	Highway Jurisdiction	Road Location	Federal Safety Funds (60%)
Washington	607322U	DME	Washington	North 4th Avenue	\$ 77,601
Muscatine	607211C	DME	Muscatine	Oregon Street	\$ 157,800
Woodbury	064029A	BNSF	Sioux City	11th Street	\$ 164,651
Woodbury	382039G	BNSF	Sioux City	Jackson Street	\$ 75,600
Scott	865631R	DME	Riverdale	Fenno Road	\$ 41,190
Clay	385717Y	DME	Spencer	Fourth Avenue West	\$ 142,557
Clay	385708A	DME	Spencer	10th Avenue East	\$ 96,747
Clay	385719M	DME	Spencer	11th Avenue West	\$ 53,621
Scott	865635T	DME	Riverdale	South Bellingham	\$ 44,959
Cerro Gordo	385471D	NICO	Cerro Gordo County	Thrush (County Road S-56)	\$ 37,692
Pottawattamie	191171B	UP	Council Bluffs	South 24th Street	\$ 40,515
O'Brien	385775U	DME	Sheldon	Washington Avenue	\$ 43,476
<b>TOTAL</b>					<b>\$ 976,409</b>

The above projects received Iowa DOT Commission approval on 11/09/09, but were delayed until 2012.

Linn	307834H	CC	Hiawatha	North Center Point Road	\$ 39,360
Buchanan	307087V	CC	Jesup	Fifth Street	\$ 42,731
Clayton	376148W	ICE	Guttenberg	Goethe Street	\$ 39,382
Linn	307835P	CC	Hiawatha	Emmons Street Northeast	\$ 35,220
Linn	376749F	CIC	Walford	First Street North	\$ 42,883
Sioux	381559M	DAIR	Hawarden	10th Street	\$ 32,836
O'Brien	385776B	DME	Sheldon	10th Avenue	\$ 34,927
O'Brien	385779W	DME	Sheldon	Third Avenue	\$ 45,802
Scott	606805X	IAIS	Walcott	Main Street	\$ 90,000
<b>TOTAL</b>					<b>\$403,141</b>



## 2010 Iowa Grade Crossing Surface Repair Program

County	Federal ID#	Railroad	Highway Jurisdiction	Road Location	State Surface Repair Fund (60%)
Black Hawk	307119Y	CC	Waterloo	Glenwood Street	\$ 91,200
Mills	074388T	BNSF	Mills County	Allis Road	\$ 21,000
Mills	074379U	BNSF	Mills County	Hanna Road	\$ 21,000
Clay	385690S	DME	Clay County	320th Avenue	\$ 60,510
Clay	385693M	DME	Clay County	300th Avenue	\$ 60,510
Clay	385699D	DME	Clay County	270th Avenue	\$ 60,510
Clay	385702J	DME	Clay County	260th Avenue	\$ 60,510
Buena Vista	307528R	CC	Buena Vista County	County Road M-31/West Highway	\$ 37,980
Buena Vista	307475U	CC	Buena Vista County	County Road M-54/Rogers Road	\$ 37,980

The above projects received Iowa DOT Commission approval on 11/4/08.

Buena Vista	307533M	CC	Buena Vista County	County Road M-27	\$ 37,980
Woodbury	064033P	BNSF	Sioux City	Division Street	\$ 24,000
Clayton	376182D	DME	Marquette	Public Access Road	\$ 28,080
Linn	376723D	CIC	Cedar Rapids	Fourth Street Southwest 900 Block	\$ 51,327
Calhoun	307424J	CC	Manson	Main Street	\$ 84,300
Jasper	193074Y	UP	Jasper County	County Road F-17 East	\$ 28,800
Jasper	607983M	IAIS	Jasper County	County Road T-12 North	\$ 44,976
Muscatine	606773U	DME	Muscatine	Fifth Street	\$ 88,874
Muscatine	606774B	DME	Muscatine	Ninth Street	\$ 29,902

The above projects received Iowa DOT Commission approval on 11/10/09.

<b>TOTAL</b>	<b>\$ 869,439</b>
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## 2011 Iowa Grade Crossing Surface Repair Program

County	Federal ID#	Railroad	Highway Jurisdiction	Road Location	State Surface Repair Fund (60%)
Muscatine	607204S	DME	Muscatine	Cedar Street	\$ 37,320
Muscatine	607206F	DME	Muscatine	Iowa Street	\$ 43,800
Muscatine	607213R	DME	Muscatine	Musser Street	\$ 69,502
Muscatine	607212J	DME	Muscatine	Day Street	\$ 50,700
Muscatine	375953B	DME	Muscatine	Houser Street	\$ 35,640
Muscatine	606729G	DME	Muscatine	59th Avenue	\$ 27,583
Muscatine	606758S	DME	Muscatine	Dewey Avenue	\$ 25,523
Muscatine	606759Y	DME	Muscatine	Nebraska Street	\$ 25,523
Muscatine	606762G	DME	Muscatine	Mississippi Drive	\$ 36,480
Muscatine	606756D	DME	Muscatine	Baker Street	\$ 36,720
Muscatine	606757K	DME	Muscatine	Benham Street	\$ 36,720
Muscatine	606755W	DME	Muscatine	Earl Street	\$ 27,103
Benton	607671E	IANR	Benton County	53rd Street (County Road D-65)	\$ 24,000
Cerro Gordo	606100G	IANR	Cerro Gordo County	Thrush Avenue	\$ 27,000
Cerro Gordo	606096U	IANR	Cerro Gordo County	Vine Avenue (County Road S-62)	\$ 24,000
Cerro Gordo	606103C	IANR	Cerro Gordo County	330th Street (County Road B-15)	\$ 27,000
Floyd	607710T	IANR	Floyd	Hickory Avenue	\$ 33,000
Floyd	607719E	IANR	Floyd	Ninth Street Road	\$ 27,000
Butler	607687B	IANR	Greene	South Street	\$ 24,000
Butler	607425U	IANR	Butler County	Packard Avenue (County Road T-47)	\$ 33,000
Butler	607399G	IANR	Butler County	220th Street	\$ 24,000
Floyd	607721F	IANR	Rockford	First Street	\$ 24,000
Floyd	607722M	IANR	Rockford	Second Street Southwest	\$ 24,000
Floyd	607723U	IANR	Rockford	Third Street Southwest	\$ 24,000
Floyd	607720Y	IANR	Rockford	Second Street Southeast	\$ 24,000
Black Hawk	607627S	IANR	Black Hawk County	Winslow Road (County Road C-55)	\$ 24,000
Cerro Gordo	858791M	IATR	Mason City	South Coolidge	\$ 29,130
Cerro Gordo	874103N	IATR	Mason City	South Wilson Avenue	\$ 29,130
<b>TOTAL</b>					<b>\$ 873,874</b>

## Railroad Revolving Loan and Grant Program

### FY2009 Flood Recovery Awards

Applicant	Award Grant	Award Loan	Award Total
Burlington Junction	-	\$ 71,000	\$ 71,000
Cedar Rapids and Iowa City Railroad	-	\$ 320,000	\$ 320,000
Keokuk Junction Railway Company	-	\$ 554,000	\$ 554,000
Iowa Chicago and Eastern Railroad	-	\$1,417,000	\$1,417,000
Iowa Interstate Railroad	-	\$ 772,000	\$ 772,000
Iowa Northern Railway	-	\$ 681,000	\$ 681,000
Iowa River Railroad	-	\$ 184,000	\$ 184,000
<b>TOTAL</b>		<b>\$3,999,000</b>	<b>\$ 3,999,000</b>

### FY2010 Awards

Applicant	Project Location	Award Grant	Award Loan	Award Total
Burlington Junction Railway Industrial Park Line Rehabilitation	Mount Pleasant	\$ 25,000	\$ 30,400	\$ 55,400
Schau Recycling Industrial Spur Construction	Denison	\$ 30,000	\$ 195,000	\$ 225,000
Shine Brothers Industrial Track Rehabilitation	Spencer	\$ 105,000	\$ 206,071	\$ 311,071
Waterloo for Secor Specialty	Waterloo	\$ 126,000	\$ 0	\$ 126,000
Webster County Supervisors Industrial Park	Fort Dodge	\$ 300,000	\$ 600,000	\$ 900,000
CRANDIC Railway Walford Bridge Replacement	Walford	\$ 0	\$ 700,000	\$ 700,000
UP/IANR - Waterloo Bridge Reconstruction	Waterloo	\$ 1,000,000	\$ 0	\$ 1,000,000
<b>TOTAL</b>		<b>\$ 1,586,000</b>	<b>\$ 1,731,471</b>	<b>\$ 3,317,471</b>



# **State and Federal Trails Programs**



# State Recreational Trails Program

The State Recreational Trails Program provides funds to establish transportation and recreation trails in Iowa 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 cannot include grants from other state agencies or provisions of in-kind services.

The deadline for applications is July 1 of each year, depending on funding availability.

Applications are evaluated primarily using the following criteria.

- Need, in terms of 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)
- Special facilities for disabled users (5 points)

Forty-nine applications were received by the July 1, 2009, deadline. The applications represented total project costs of \$51,725,469, with \$18,482,164 requested from the State Recreational Trails Program. Eleven projects were approved by the Commission and two projects were appropriated funding by the Legislature for a total state commitment of \$4,487,240. The total cost for the approved projects is estimated to be \$23,869,561.

Additional information and assistance can be found on the Office of Systems Planning Web Site at [http://www.iowadot.gov/systems\\_planning/fedstate\\_rectrails.htm](http://www.iowadot.gov/systems_planning/fedstate_rectrails.htm), or by calling 515-239-1664.

**State Recreational Trails Projects  
Approved Projects for State Fiscal Year 2010**

<b>Sponsor</b>	<b>Project Title</b>	<b>Awarded Amount</b>
Allamakee County and Allamakee County Economic Development	Allamakee County Mississippi River Bike Trail	\$ 750,000
Black Hawk County Conservation Board	Cedar Valley Nature Trail Bridge at McFarlane Park	\$ 250,000
Des Moines	Des Moines River Regional Trail - Phase 1	\$ 73,474
Iowa Department of Natural Resources (Iowa DNR)	AmeriCorps Trail Crew	\$ 262,500
Iowa City	Iowa River Corridor Trail Connection - Sand Lake	\$ 281,000
Sioux City and Iowa DOT	Lewis and Clark Historic Riverfront Trail	\$ 128,000
Linn County Conservation Board *	Pinicon Ridge Trail	\$ 500,000
Des Moines *	Principal Riverwalk Recreational Trail	\$ 750,000
Dallas County Conservation Board	Raccoon River Valley Trail Addition - Herndon to Waukee	\$ 484,995
Dickinson County Trails Board	Railbanking Purchase of IANW Railroad	\$ 525,000
Warren County Conservation Board	Summerset Trail Flood Repairs	\$ 107,271
Decorah and Winneshiek County Conservation Board	Trout Run Trail - Box Culverts and Bridge Project	\$ 300,000
Northeast Iowa Resource Conservation and Development, Inc. and Iowa DNR's Fisheries	Trout Run Trail - Decorah Fish Hatchery's Interpretive Rest-room Facility	\$ 75,000
<b>TOTAL</b>		<b>\$ 4,487,240</b>

\* Per direct legislation appropriation



# State Recreational Trails Projects

## Fiscal Year 2010

I O W A

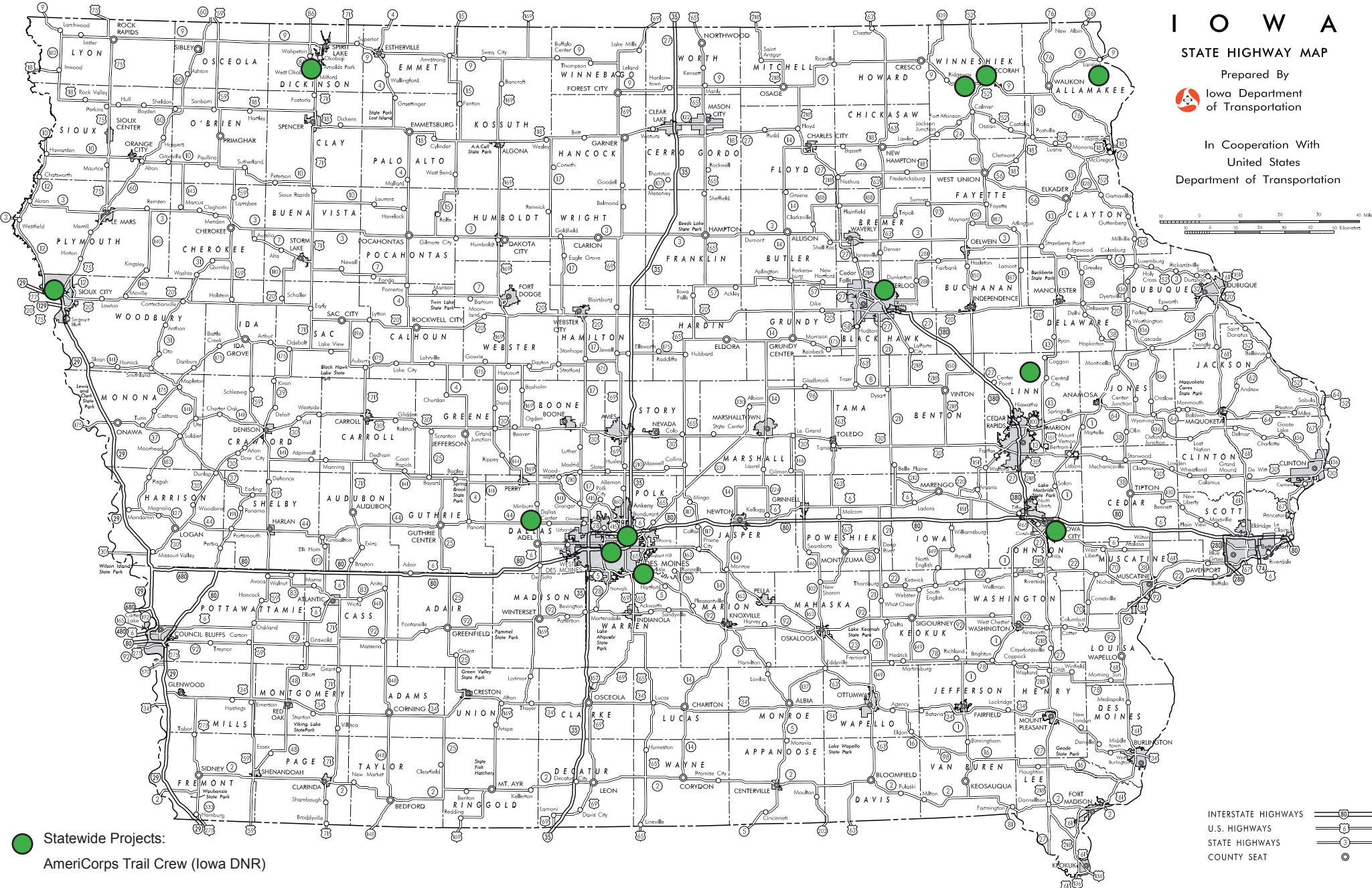
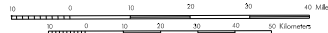
STATE HIGHWAY MAP

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Department of Transportation



Statewide Projects:  
AmeriCorps Trail Crew (Iowa DNR)

INTERSTATE HIGHWAYS   
U.S. HIGHWAYS   
STATE HIGHWAYS   
COUNTY SEAT



# Federal Recreational Trails Program

The Federal Recreational Trails Program is a program of the U.S. Department of Transportation's Federal Highway Administration that 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 October 1.

States may use up to seven percent of their funds for administrative costs and up to five percent of their funds for education. The remaining funds are for projects from the following categories.

- 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
- Constructing new trails

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

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 may come from federal, state, local or private funding sources. Other select federal funding sources may be used as matching funds. In-kind materials and services may also be permitted toward the project match.

Thirty applications were received by the October 1, 2009, deadline. The applications represented total project costs of \$26,025,561 with \$10,499,388 requested from the Federal Recreational Trails Program. Four projects were

approved by the Commission for a total funding award of \$1,218,093 and total project cost of \$1,582,418.

Additional information and assistance can be found on the Office of Systems Planning Web Site at [http://www.iowadot.gov/systems\\_planning/fedstate\\_rectrails.htm](http://www.iowadot.gov/systems_planning/fedstate_rectrails.htm), or by calling 515-239-1664.

**Federal Recreational Trails Projects  
Approved Projects for Federal Fiscal Year 2011**

<b>Sponsor</b>	<b>Project Title</b>	<b>Awarded Amount</b>
Iowa City	Court Hill Trail - Phase 3	\$ 416,159
Iowa Department of Natural Resources and Iowa Off-Highway Vehicle Association	Iowa Designated Off-Highway Vehicle Park Maintenance and Development Projects	\$ 231,880
Franklin County Conservation Board	Rolling Prairie Trail - Beeds Lake State Park to Hampton Segment	\$ 330,054
Iowa Department of Natural Resources and Iowa State Snowmobile Association	Snowmobile Grooming and Equipment Replacement Project	\$ 240,000
<b>TOTAL</b>		<b>\$ 1,218,093</b>

# Federal Recreational Trails Projects

## Federal Fiscal Year 2011

I O W A

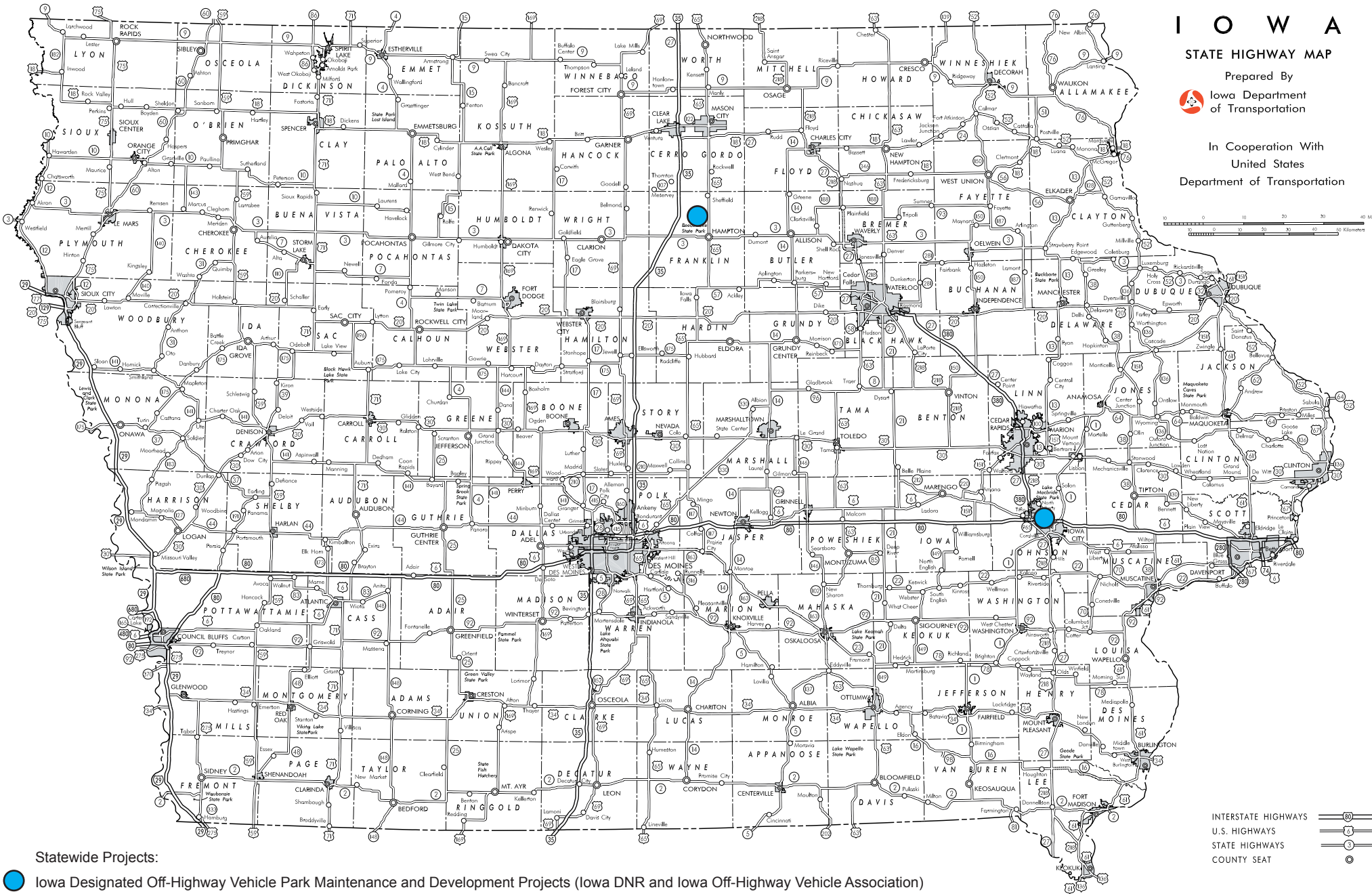
STATE HIGHWAY MAP

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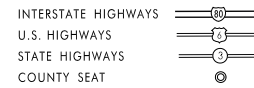
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Statewide Projects:

-  Iowa Designated Off-Highway Vehicle Park Maintenance and Development Projects (Iowa DNR and Iowa Off-Highway Vehicle Association)
-  Snowmobile Grooming Equipment Replacement Project (Iowa DNR and Iowa State Snowmobile Association)





**Revitalize  
Iowa's  
Sound Economy  
(RISE)**





# Revitalize Iowa's Sound Economy (RISE)

The RISE Fund was created in 1985 to promote economic development in Iowa through construction or improvement of roads and streets. 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. RISE currently receives approximately \$39 million annually. City and county governments can apply for the city and secondary road RISE funds. Primary road RISE funds are deposited in the Primary Road Fund for use on the Commercial and Industrial Network.

When the RISE Fund was established, an amount equal to one cent per gallon of taxable fuel was designated for RISE improvements on the primary road system. An equal amount, split evenly, with ½ cent each for city streets and secondary roads was also allocated to the RISE Program. However, over the last 25 years, the legislature has on two occasions modified how the RISE revenues for secondary roads are allocated. Currently, half of the secondary road RISE revenues are directly allocated to the Secondary Road Fund and the remaining half are allocated to secondary road RISE projects.

RISE funding assists the efforts of local communities to attract industries to Iowa, as well as expand existing ones. Since its beginning, RISE has assisted in creating or retaining more than 51,518 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, economic impact to the state, quality of jobs to be assisted, and a business record of law violations.

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

**Immediate Opportunity Projects** - This category is reserved for projects 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 a job location or retention decision.

Applications are presented to the 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 meet the threshold set for immediate opportunity projects. These projects are selected through a competitive evaluation process conducted semi-annually. Deadlines for submittal of applications are February 1 and September 1 of each year.

**RISE Overview** - A summary of the 21 projects awarded funding during FY2009 is included on pages 38 and 39.

**Annual Report** - This summary also serves as the annual report required by 761 Iowa Administrative Code section 163.3(4). The following table documents the amount of RISE funding awarded/programmed in FY2009, compared with the amount of revenue distributed to the RISE Fund that year. It is possible that more funding is awarded/programmed in a year than is generated due to the timing of fund obligation, project construction and fund expenditure.

## Summary of FY2009 RISE Funding

	Amount Awarded/ Programmed	Annual Revenue	Percent of Annual Revenue Awarded/ Programmed
Primary Roads	\$22,437,794	\$22,437,794	100%
City Streets	\$10,139,252	\$11,218,897	90%
Secondary Roads	\$ 528,331	\$ 5,609,449	9%

Additional information and assistance can be found on the Office of Systems Planning Web Site at [http://www.iowadot.gov/systems\\_planning/rise.htm](http://www.iowadot.gov/systems_planning/rise.htm), or by calling 515-239-1664.

## RISE Fund Immediate Opportunity Projects Fiscal Year 2009

<b>Applicant Name</b>	<b>Business Type Involved</b>	<b>RISE Funds Approved</b>	<b>Total Road Project Cost</b>	<b>Percent of Non-RISE Participation</b>	<b>Jobs Assisted</b>	<b>Total Capital Investment (Non-RISE)</b>	<b>Date of Commission Approval</b>
Independence	Corn Processing Facility	\$ 282,000	\$ 597,730	53%	47	\$ 103,540,000	7/15/2008
Fairfield	Industrial Manufacturing	\$ 81,089	\$ 101,361	20%	20	\$ 1,555,110	12/9/2008
Ottumwa	Industrial Area	\$ 369,494	\$ 461,868	20%	130		2/10/2009
Story City	Industrial Manufacturing	\$ 138,000	\$ 181,059	24%	23	\$ 34,565,715	3/10/2009
<b>Totals -- 4 Approved Projects</b>		\$ 870,583	\$ 1,342,018		220	\$ 139,660,825	
<b>Averages -- 4 Approved Projects</b>		\$ 217,646	\$ 335,505		55	\$ 34,915,206	

## RISE Fund Local Development Projects Fiscal Year 2009

<b>Applicant Name</b>	<b>Cycle</b>	<b>Business Type Involved</b>	<b>RISE Funds Approved</b>	<b>Total Road Project Cost</b>	<b>Percent of Non-RISE Participation</b>	<b>Jobs Assisted</b>	<b>Total Capital Investment (Non-RISE)</b>	<b>Date of Commission Approval</b>
Stacyville	September 2008	Commercial/Office/Industrial	\$ 251,566	\$ 503,132	50%	10	\$ 1,035,500	10/14/2008
Strawberry Point	September 2008	Industrial Area	\$ 118,750	\$ 237,500	50%	27	\$ 258,700	10/14/2008
Boone County	September 2008	Tourism	\$ 384,331	\$ 768,662	50%	0	\$ 8,925,431	11/4/2008
West Des Moines	September 2008	Business Park	\$ 3,413,053	\$ 6,826,105	50%	25	\$ 594,147,204	12/9/2008
Sioux Center	September 2008	Industrial/Manufacturing	\$ 163,585	\$ 327,170	50%	25	\$ 7,441,000	1/13/2009
Waukee	September 2008	Business Park	\$ 469,210	\$ 938,420	50%	9	\$ 165,568,345	1/13/2009
Sioux Center	September 2008	Business Park	\$ 106,865	\$ 213,730	50%	8	\$ 3,176,100	1/13/2009
Denison	September 2008	Office Park	\$ 443,532	\$ 887,064	50%	25	\$ 37,000,000	2/10/2009
Dubuque	February 2009	Industrial Area	\$ 285,002	\$ 570,004	50%	0	\$ 4,791,410	3/10/2009
Iowa City	February 2009	Industrial Area	\$ 1,243,801	\$ 2,487,602	50%	906	\$ 613,428,500	3/10/2009
Spencer	February 2009	Industrial Area	\$ 422,500	\$ 845,000	50%	0	\$ 3,335,000	3/10/2009
Shell Rock	February 2009	Industrial Area	\$ 288,888	\$ 577,776	50%	0	\$ 432,414	4/14/2009
Marion	February 2009	Manufacturing	\$ 1,313,031	\$ 2,626,061	50%	4512	\$ 602,227,348	4/14/2009
Dyersville	February 2009	Industrial Area	\$ 225,811	\$ 451,622	50%	0	\$ 2,751,276	4/14/2009
Waterloo	February 2009	Industrial/Manufacturing	\$ 107,168	\$ 214,335	50%	25	\$ 3,466,915	5/12/2009
Sioux Center	February 2009	Research Park	\$ 295,719	\$ 591,438	50%	10	\$ 2,459,800	5/12/2009
Perry	February 2009	Industrial/Manufacturing	\$ 120,188	240,375	50%	6	\$ 299,860	6/9/2009
<b>Totals -- 17 Approved Projects</b>			<b>\$ 9,653,000</b>	<b>\$19,305,996</b>		<b>5588</b>	<b>\$2,050,744,803</b>	
<b>Averages -- 17 Approved Projects</b>			<b>\$ 567,824</b>	<b>\$ 1,135,647</b>		<b>329</b>	<b>\$ 120,632,047</b>	

Footnotes:

1. Job creation or retention is not a criteria for project 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. The total "RISE Funds Approved" includes both grant and loan funding.

# RISE Fund Projects Fiscal Year 2009

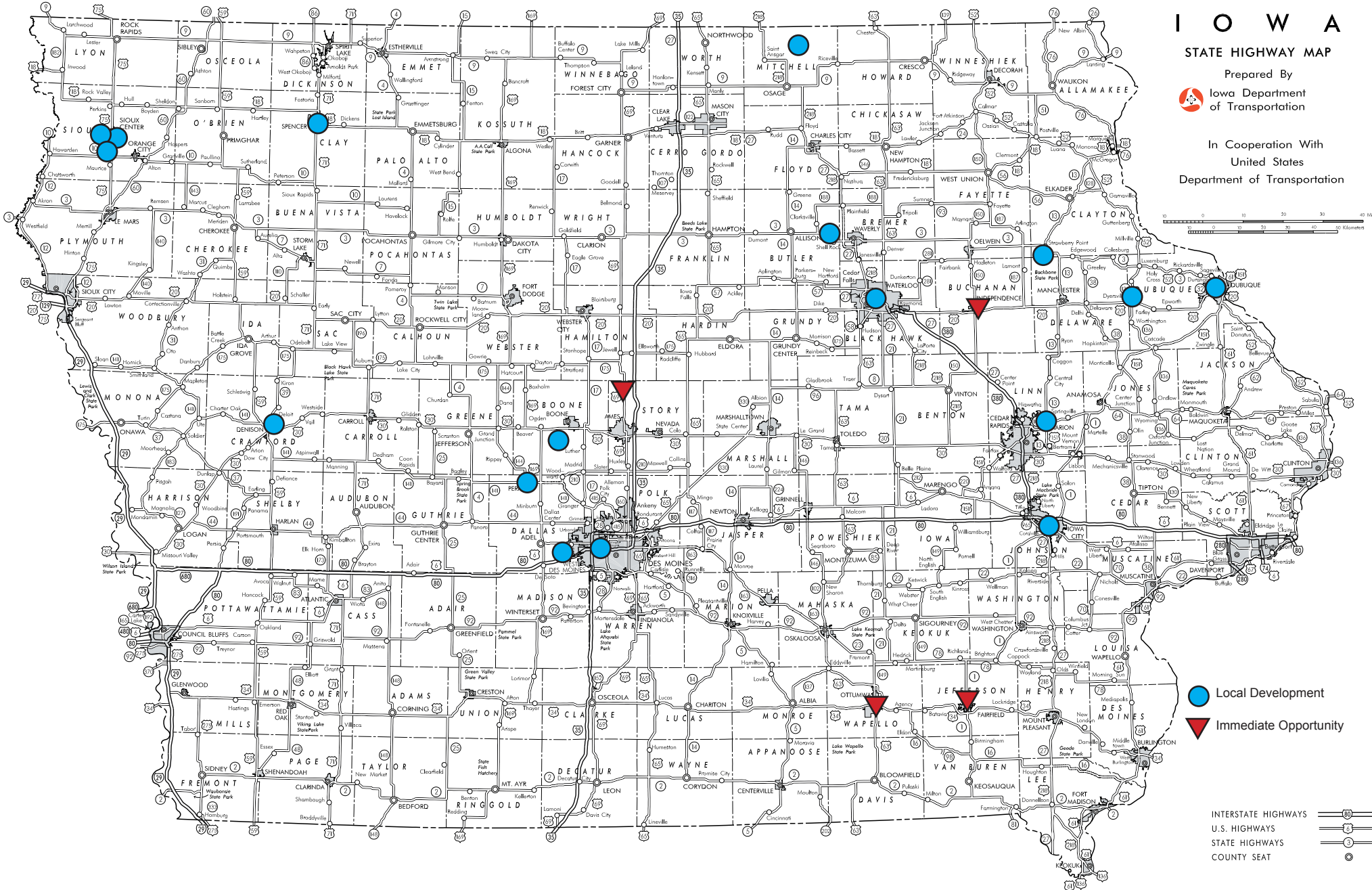
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STATE HIGHWAY MAP

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**Iowa  
Statewide  
Transportation  
Enhancements**



# Iowa Statewide Transportation Enhancements

Transportation enhancement projects are intended to go beyond the normal mitigation of a transportation improvement project. 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, including 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
- Inventory, control and removal of 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
- Establishment of transportation museums

Activities already required under the SAFTEA-LU 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.

In addition to meeting eligibility requirements, statewide transportation enhancement projects should have a statewide significance. 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
- Statewide planning

Statewide enhancement funding is requested by submitting a project application. Forms are available from the Iowa DOT's Web site at [iowadot.gov](http://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.
- 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.
- Inventory, control and removal of outdoor advertising.
- 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.

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.

Twenty-four Trail and Bicycle Facility applications totaling \$24,342,109 and requesting \$10,452,530 plus ten Scenic and Environmental applications totaling \$4,846,747 and requesting \$2,708,188 plus eight Historic and Archaeological applications totaling \$5,121,242, and requesting \$3,574,099 were received by the October 1, 2009, deadline. Six Trail and Bicycle Facility projects for \$2,280,945, four Scenic and Environmental projects for \$1,241,938 and three Historic and Archaeological projects for \$1,392,402 were approved by the Commission.

Additional information and assistance can be found on the Office of Systems Planning Web Site at: [http://www.iowadot.gov/systems\\_planning/trans\\_enhance.htm](http://www.iowadot.gov/systems_planning/trans_enhance.htm), or by calling 515-239-1664.



**Statewide Transportation Enhancement Projects  
Federal Fiscal Year 2011**

<b>Sponsor</b>	<b>Project Title</b>	<b>Awarded Amount</b>
<b>Trail and Bicycle Facility</b>		
Linn County Conservation Board	Cedar Valley Nature Trail Reconstruction and Surfacing - Phase 3	\$ 750,000
Des Moines County and Burlington	Flint River Trail	\$ 474,345
Story County Conservation Board	Heart of Iowa Nature Trail Phase VII and VIII - Surfacing and Bridge Completion	\$ 381,600
Guthrie County and Creating Great Places	Khrushchev in Iowa Trail	\$ 365,000
Butler County Conservation Board	Rolling Prairie Trail Bridge	\$ 210,000
Iowa DOT	Urban Youth Corps	<u>\$ 100,000</u>
	<b>Subtotal</b>	<b>\$ 2,280,945</b>
 <b>Scenic and Environmental</b>		
Boone and Polk County Conservation Boards	Des Moines River Greenbelt Scenic Overlook on the High Trestle Trail	\$ 140,000
Trees Forever and Iowa DOT	Iowa's Living Roadways Project Program	\$ 400,000
Integrated Roadside Vegetation Management, UNI & Iowa DOT	Roadside Beautification/Maintenance Reduction - County Highways	\$ 225,000
Waterloo	U.S. 63 Streetscapes Enhancements	<u>\$ 476,938</u>
	<b>Subtotal</b>	<b>\$ 1,241,938</b>
 <b>Historic and Archaeological</b>		
Golden Hills RC&D	Archaeological Survey of the Glenwood Resource Center	\$ 292,402
Siouxland Historical Railroad Association and Sioux City	Milwaukee Railroad Shops Historic District - Alternative Transportation Project	\$ 750,000
Stuart	Stuart Rock Island Depot Restoration	<u>\$ 350,000</u>
	<b>Subtotal</b>	<b>\$ 1,392,402</b>
 <b>TOTAL</b>		 <b>\$ 4,915,285</b>

# Statewide Transportation Enhancement Projects

## Federal Fiscal Year 2011

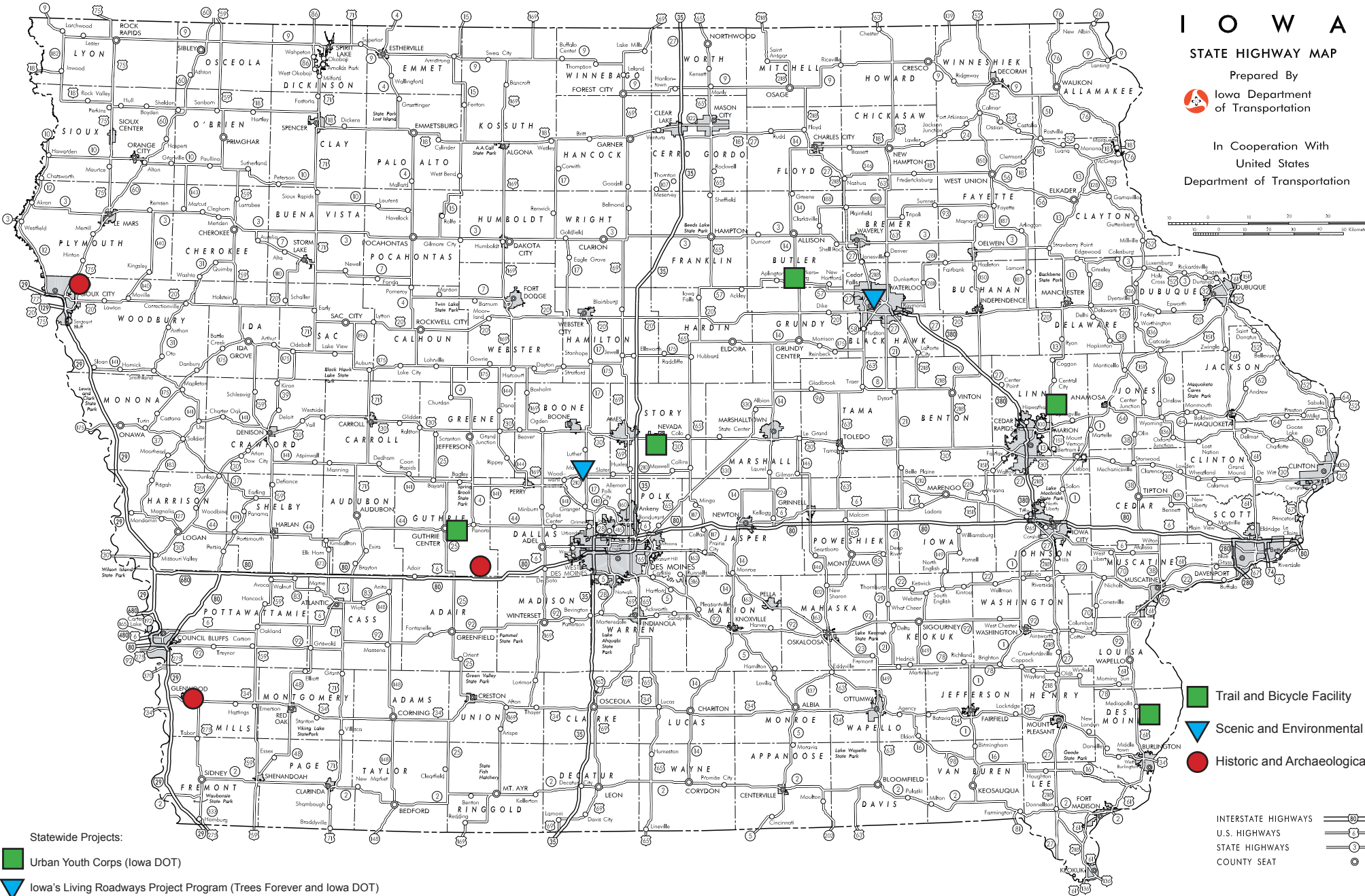
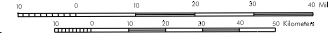
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- Statewide Projects:
- Urban Youth Corps (Iowa DOT)
  - ▲ Iowa's Living Roadways Project Program (Trees Forever and Iowa DOT)
  - ▲ Roadside Beautification/Maintenance Reduction: County Highways (Integrated Roadside Vegetation Management, UNI & Iowa DOT)

- Trail and Bicycle Facility
- ▲ Scenic and Environmental
- Historic and Archaeological

- INTERSTATE HIGHWAYS
- U.S. HIGHWAYS
- STATE HIGHWAYS
- COUNTY SEAT

**Iowa's  
Clean Air  
Attainment  
Program  
(ICAAP)**



# Iowa's Clean Air Attainment Program (ICAAP)

ICAAP projects are intended to maximize vehicle 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 Iowa DOT, 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 processes or long-range transportation plans. The state may use its funds for any eligible project under the Congestion Mitigation and Air Quality Improvement Program or Surface Transportation Program. Should Iowa become a nonattainment state, transportation control measures or other projects that are documented as improving air quality in Iowa's State Implementation Plan (SIP) will receive the highest priority for funding.

The following types of projects are priorities for funding in Iowa'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
- 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 SAFTEA-LU, 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 Iowa 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*

- Pedestrian and bicycle 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 Environmental Protection Agency criteria

## *Other Projects and Programs*

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

*Transportation Control Measures*

- 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 previous categories listed.)

*Transportation Activities in the State Implementation Plan*

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

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

Nineteen applications were received by the October 1, 2009, deadline. The applications represented total project costs of \$21,351,871 with \$7,567,645 requested for Iowa's Clean Air Attainment Program. Fifteen projects were approved by the Commission for a total funding award of \$4,536,571 and total project cost of \$6,362,371.

Request 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.

**Iowa's Clean Air Attainment Program (ICAAP) Projects  
Federal Fiscal Year 2011**

<b>Sponsor</b>	<b>Project Title</b>	<b>Awarded Amount</b>
Windsor Heights	73rd Street/Hickman Road Intersection Improvements	\$ 388,000
Urbandale	86th Street and Douglas Avenue Intersection Improvements	\$ 480,000
Cedar Rapids	A Avenue Northeast from 7th Street to 10th Street Traffic Signal Interconnect and Detection Upgrade	\$ 74,850
Bi-State Regional Commission	Bi-State Clean Air Partnership (CAP) "Make Outdoor Air Quality Visible"	\$ 40,000
Des Moines	Citywide Fixed-Time Signal Upgrade	\$ 320,000
Cedar Rapids	Cottage Grove Avenue SE and Forest Drive SE Traffic Control and Capacity Improvements	\$ 514,160
Des Moines	Des Moines River Trail - Phase 1	\$ 426,526
Sioux City	Gordon Drive (Iowa 12) Traffic Signal Coordination	\$ 545,995
Dubuque	Keyline Transit Medical Loop	\$ 300,160
Cedar Rapids	Kirkwood Boulevard SW and 76th Avenue SW Traffic Control and Capacity Improvements	\$ 239,200
DART	Route No. 7 Fort Des Moines/Hubbell Service Improvements	\$ 224,250
DART	Route No. 11 Jordan Creek/Mills Civic Parkway Service Improvements	\$ 42,011
West Des Moines	Traffic-Adaptive Signal Control System, Jordan Creek Parkway	\$ 216,000
Mount Vernon	U.S. 30/Iowa 1 Intersection Improvements	\$ 373,419
Linn County and Iowa DOT	U.S. 151/Iowa 13 and Mount Vernon Road (Linn County Road E-48) Signalization	\$ 352,000
<b>TOTAL</b>		<b>\$4,536,571</b>

DART: Des Moines Area Regional Transit Authority



# Iowa's Clean Air Attainment Program (ICAAP) Projects

## Federal Fiscal Year 2011

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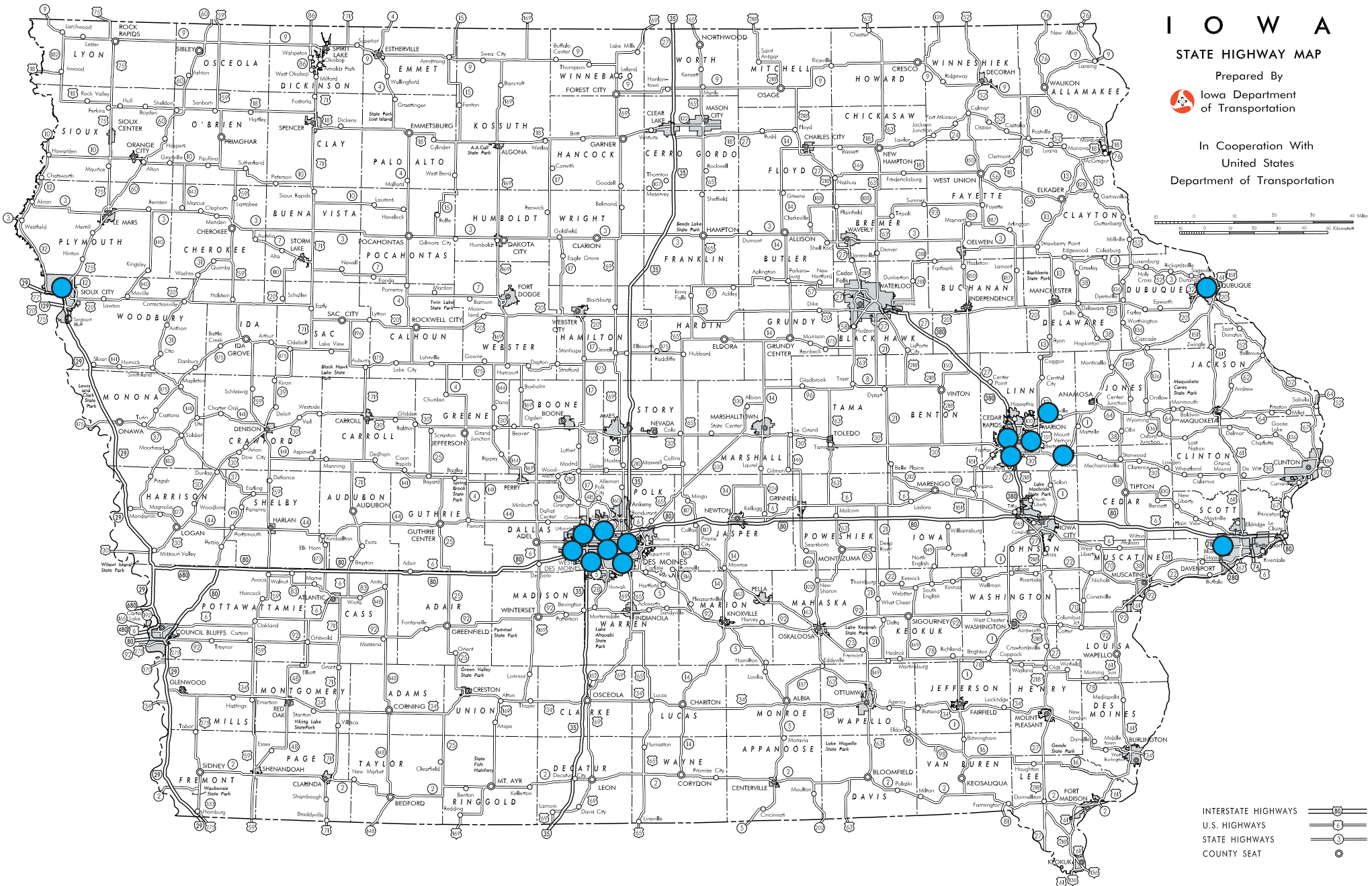
STATE HIGHWAY MAP

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**Safe Routes to  
School (SRTS)  
Program**



# Safe Routes to School Program

The Safe Routes to School (SRTS) program resulted from enactment of the federal transportation bill SAFETEA-LU. The purposes of SRTS are to enable and encourage children, including those with disabilities, to walk and bicycle to school; make walking and bicycling to school safe and more appealing; and facilitate the planning, development and implementation of projects that will improve safety, and reduce traffic, fuel consumption, and air pollution in the vicinity of schools.

**Funding Distribution** – Each state administers its own program and establishes its own procedures to solicit and select projects for funding. Iowa requires that applications for funding assistance be submitted by October 1.

Funding is available for both infrastructure and noninfrastructure projects. States are required to use at least 10 percent, but no more than 30 percent, of their total funding for noninfrastructure projects. All projects must address the “5 Es”—engineering, education, encouragement, enforcement, and evaluation. Some of the eligible uses of funds include, but are not limited to:

- Planning, design and construction of projects that will improve the ability of students to walk and bicycle to school.
- Sidewalk improvements.
- Traffic calming and speed reduction improvements.
- Pedestrian and bicycle crossing improvements.
- On-street bicycle facilities.
- Off-street bicycle and pedestrian facilities.
- Traffic diversion improvements within two miles of the school.
- Public awareness campaigns and educational materials.
- Traffic education and enforcement in the vicinity of a school.
- Student sessions on bicycle and pedestrian safety, health and environment.
- Development of school studies or plans to examine safety issues and identify walking and biking routes.
- Training, including SRTS training workshops that target school and community audiences.

Eligible applicants for infrastructure projects are state and local governments. Eligible applicants for noninfrastructure projects include state and local governments, non-profit organizations, schools (both public and private), parent teacher associations, etc.

Iowa has established an infrastructure grant amount minimum of \$25,000 and a maximum award of \$250,000 per jurisdiction each funding cycle. The noninfrastructure grant amount minimum is \$3,500. The federal share of funding for each project is 100 percent. No local matching funds are required.

Twelve noninfrastructure applications totaling \$696,857, and requesting \$686,317 plus 29 infrastructure applications totaling \$4,982,814 and requesting \$4,131,474 were received by the October 1, 2009, deadline. Five noninfrastructure projects for \$453,211 and 11 infrastructure projects for \$1,280,825 were approved by the Commission.

Additional information and assistance can be found on the Office of Systems Planning Web Site at [http://www.iowadot.gov/systems\\_planning/saferoutes.htm](http://www.iowadot.gov/systems_planning/saferoutes.htm), or by calling 515-239-1664.

**SAFE ROUTES TO SCHOOL PROJECTS**  
**Federal Fiscal Year 2010**

Sponsor	Project Title	Noninfrastructure	Infrastructure	Total
<b>Noninfrastructure</b>				
East Central Intergovernmental Association	Clinton County School District Safe Routes to School Plan	\$ 50,000	\$ 0	\$ 50,000
East Central Intergovernmental Association	Delaware County School District Safe Routes to School Plan	\$ 50,000	\$ 0	\$ 50,000
Iowa Bicycle Coalition	Iowa Safe Routes to School	\$ 136,295	\$ 0	\$ 136,295
Pleasant Valley Community School District	Pleasant Valley Community School District Safe Routes to School Study and Plan	\$ 7,000	\$ 0	\$ 7,000
Iowa Department of Public Health	Safe Routes to School - I-WALK Model	<u>\$ 209,916</u>	<u>\$ 0</u>	<u>\$ 209,916</u>
	<b>Subtotal</b>	<b>\$ 453,211</b>	<b>\$ 0</b>	<b>\$ 453,211</b>
<b>Infrastructure</b>				
Anita	Anita Chestnut Street Safe Route to School	\$ 0	\$ 151,200	\$ 151,200
Belmond	Belmond Sidewalk Program	\$ 0	\$ 43,812	\$ 43,812
Cedar Falls	Cedar Heights Elementary Safe Routes to School Project	\$ 0	\$ 76,450	\$ 76,450
Cedar Rapids	Harrison Elementary Sidewalks	\$ 1,000	\$ 131,353	\$ 132,353
Des Moines	Hubbell Elementary School Enhanced School Crossings	\$ 0	\$ 120,000	\$ 120,000
Waterloo	Lincoln Elementary School Safe Routes to School Project	\$ 0	\$ 154,620	\$ 154,620
Cedar Rapids	Polk Elementary Sidewalks	\$ 1,000	\$ 116,220	\$ 117,220
Fort Madison	Richardson Elementary School Priority Improvements Project	\$ 0	\$ 77,356	\$ 77,356
Sioux Center	Sioux Center Schools Sidewalk Improvement Project	\$ 5,000	\$ 136,530	\$ 141,530
Spencer	Spencer School Sidewalk Improvement Program	\$ 0	\$ 79,475	\$ 79,475
Burlington	Sunnyside Sidewalk Extension to Aldo Leopold Middle School	<u>\$ 0</u>	<u>\$ 186,809</u>	<u>\$ 186,809</u>
	<b>Subtotal</b>	<b>\$ 7,000</b>	<b>\$ 1,273,825</b>	<b>\$ 1,280,825</b>
<b>TOTAL</b>		<b>\$ 460,211</b>	<b>\$ 1,273,825</b>	<b>\$ 1,734,036</b>

# Safe Routes to School Projects

## Federal Fiscal Year 2010

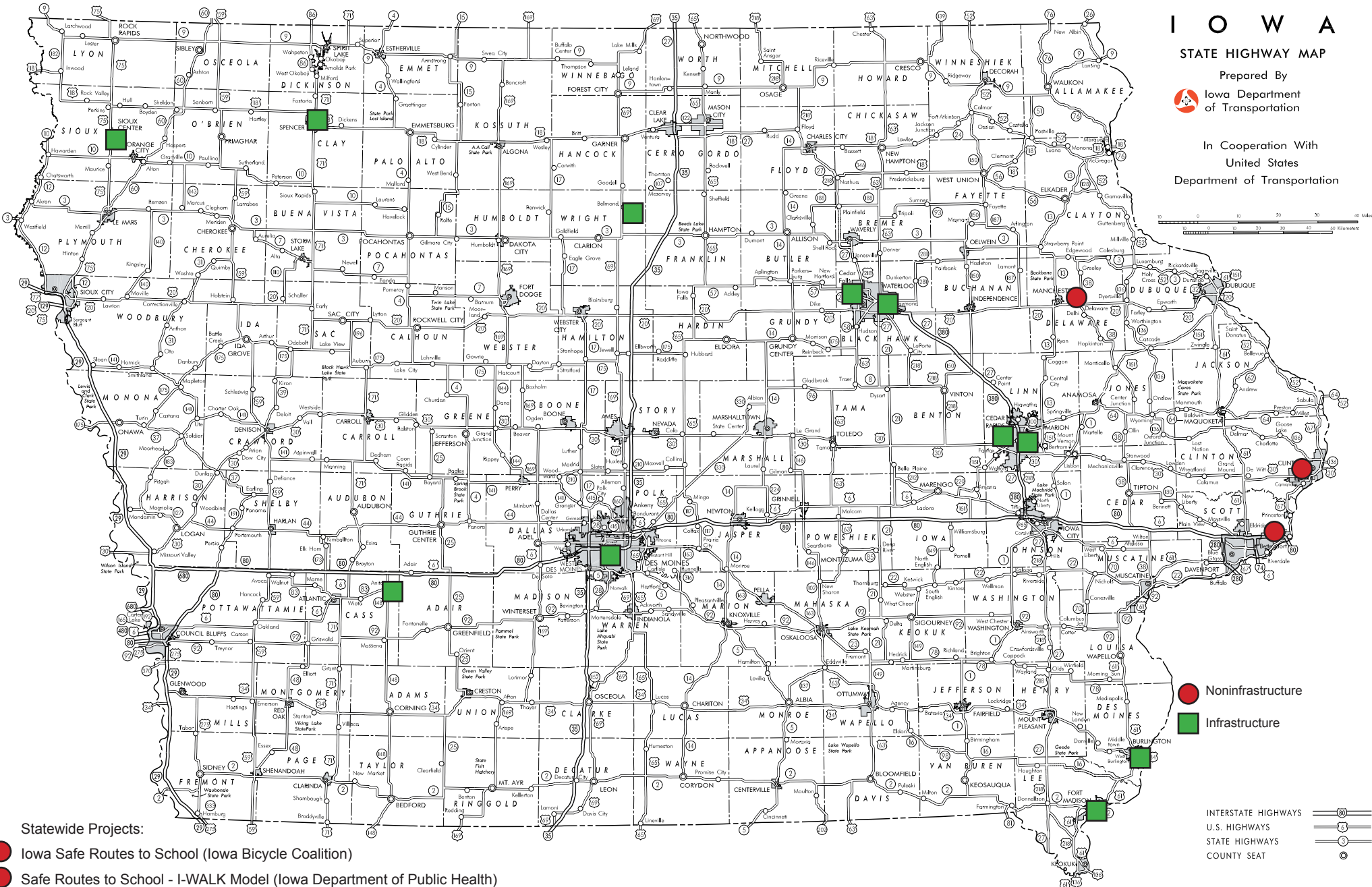
I O W A

STATE HIGHWAY MAP

Prepared By



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# **Traffic Safety Improvement Program**





# Traffic Safety Improvement Program

Traffic Safety Improvement Program 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 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
- 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** - Costs 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.
- 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 FY2011 funding consideration were due June 15, 2009. Seventy-six applications were submitted requesting \$9,733,974 in safety funding. Twenty-eight of the applications requested site-specific funding, 24 requested traffic control device funding, and 24 requested funding for studies and public information initiatives. In December 2009, the Commission approved funding for 54 projects totaling \$5,765,657 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 for FY2012 will be due by June 15, 2010. Application forms or further information concerning the Traffic Safety Improvement Program 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, or at <http://www.dot.iowa.gov/tsip.htm>.

## Traffic Safety Improvement Program Projects Fiscal Year 2011

Applicant	Location/Description	Funding Category	Approved Amount
Iowa DOT - District 4	Iowa 25 from WCL Creston to 130th Street	Sites	\$ 95,000
Iowa DOT - District 2	Iowa 150 at curve near Maple Road in Fayette County	Sites	\$ 55,000
Iowa County	County Road F46 1.75 miles east of Williamsburg	Sites	\$ 1,500
Iowa DOT - District 5	U.S. 61 Northbound from Iowa 38 to Muscatine/Scott County line	Sites	\$ 500,000
Buchanan County	County Road V62 at intersection with County Road C57	Sites	\$ 350,000
Marshall County	County Roads E35 & T29 from ECL Marshalltown to Three Bridges Road	Sites	\$ 491,129
Washington County	County Road W55 from SCL Washington south 6.8 miles	Sites	\$ 500,000
Plymouth County	County Road C60 from County Road K49 west 4.5 miles	Sites	\$ 500,000
Iowa DOT - District 2	U.S. 18 at curve in Roundhouse addition of Marquette	Sites	\$ 121,500
Iowa DOT - District 2	Iowa 9 at curve from Millenium Road to Oilwell Road in Winneshiek County	Sites	\$ 76,800
City of Des Moines	Euclid Avenue (U.S. 6) at intersection with Cornell Street	Sites	\$ 485,000
Iowa DOT - District 2	U.S. 52 at curve near Conover Road in Winneshiek County	Sites	\$ 93,200
Iowa DOT - District 1	I-235 from 31st Street to Hull Avenue	Sites	\$ 107,800
City of Des Moines	Euclid Avenue (U.S. 6) between Cambridge Street and 2nd Avenue, and intersection with Oxford Street	Sites	\$ 300,000
Iowa DOT - District 6	I-380 from 15th Avenue SW to H Avenue NE	Sites	\$ 104,200
City of Carroll	U.S. 30 at intersection with Griffin Road	Sites	\$ 250,000
City of Des Moines	Euclid Avenue (U.S. 6) at intersection with 12th Street	Sites	\$ 270,000
City of Cedar Rapids	Edgewood Road at intersection with Edgewood Parkway SW	Sites	\$ 150,000
Mahaska County	County Road G77 (340th Street) at 4 curves near Plymouth Avenue and Queens Avenue	Sites	\$ 8,000
Marion County	County Road G71 at "Y" intersection/curve with Story Street	Sites	\$ 181,017
Marshall County	County Roads E35 & T29 - upgrade, and misc. signing and flashing red lights	Traffic Control Devices	\$ 12,687
Dallas County	Iowa 141 at intersection County Road F31 - replace traffic signal bulbs with LED bulbs	Traffic Control Devices	\$ 6,760
Jasper County	County Roads S74 & F48 - replace Chevron signs	Traffic Control Devices	\$ 2,453
Dubuque County	Old Highway Road at intersection Seippel Road - install larger signs, add flashing beacons	Traffic Control Devices	\$ 12,380
Mahaska County	County Road G77 (340th Street) near Eddyville School - add flashing beacons	Traffic Control Devices	\$ 5,360
City of Solon	Iowa 1 near Solon Middle School - signalized mid-block pedestrian crossing and sidewalk	Traffic Control Devices	\$ 43,315
Louisa County	County Road X37 - upgrade Chevron signs	Traffic Control Devices	\$ 1,761
City of Iowa City	Benton Street/Rohnet Road near elementary schools - install signs	Traffic Control Devices	\$ 12,595

## Traffic Safety Improvement Program Projects Fiscal Year 2011 (continued)

Applicant	Location/Description	Funding Category	Approved Amount
City of Cedar Rapids	I-380 at Collins Road NE - add misc detection devices	Traffic Control Devices	\$ 50,000
City of Ames	Grand Avenue (U.S. 69) at intersection with 28th Street - upgrade traffic signals	Traffic Control Devices	\$ 155,000
Dallas County	County Roads P58 & F90 - replace regulatory and warning signs	Traffic Control Devices	\$ 1,700
Jasper County	Various Routes - install speed advisory plates	Traffic Control Devices	\$ 10,000
Jasper County	Various Routes - replace signs	Traffic Control Devices	\$ 26,000
Woodbury County	County Road D25 - upgrade signs	Traffic Control Devices	\$ 22,000
City of Keokuk	Main Street (U.S. 218) at intersection with 7th Street (U.S. 136) - upgrade traffic signals	Traffic Control Devices	\$ 200,000
DOT - Traffic & Safety	Statewide - improved signing	Traffic Control Devices	\$ 63,500
Iowa DOT	Iowa Traffic Safety Data Service (ITSDS)	Studies	\$ 20,000
Iowa DOT	Intersection Magic/Diagram Magic statewide license renewal	Studies	\$ 13,000
Iowa DOT	Work Zone Safety training	Studies	\$ 45,000
Iowa DOT	Traffic Safety Liaison Program	Studies	\$ 50,000
Iowa DOT	Evaluation of Dynamic Warning Signs at High Crash Rural Curves - Phase II	Studies	\$ 40,000
Iowa DOT	Impact study of yield signs at RR crossings	Studies	\$ 10,000
Iowa DOT	Evaluating Red Light Running Camera Enforcement (RLRCE) and developing guidelines	Studies	\$ 15,000
Iowa DOT	Guidance for effective traffic calming and traffic control in small rural communities	Studies	\$ 35,000
Iowa DOT	Identifying High Crash Curves - Phase II	Studies	\$ 25,000
Iowa DOT	Winter crash analysis and safety audit	Studies	\$ 15,000
Iowa DOT	Safety Circuit Rider support	Studies	\$ 20,000
Iowa DOT	Traffic and Safety Engineering Forum - training and peer exchange	Studies	\$ 20,000
Iowa DOT	OWI Recidivism Study	Studies	\$ 20,000
Iowa DOT	Traffic Data Collection & Reduction Using Video Detection Equipment	Studies	\$ 28,500
Iowa DOT	Iowa Traffic Safety Alliance "Change the Culture"	Studies	\$ 50,000
Iowa DOT	Systematic Identification of Optimal Roundabout Sites	Studies	\$ 35,000
Iowa DOT	Comprehensive Highway Safety Plan Implementation	Studies	\$ 8,500
Iowa DOT	Development of Geometric Design Guides of Roundabouts	Studies	\$ 50,000
<b>TOTAL</b>	<b>54 Projects</b>		<b>\$ 5,765,657</b>

# Traffic Safety Improvement Program Projects

## Fiscal Year 2011

I O W A

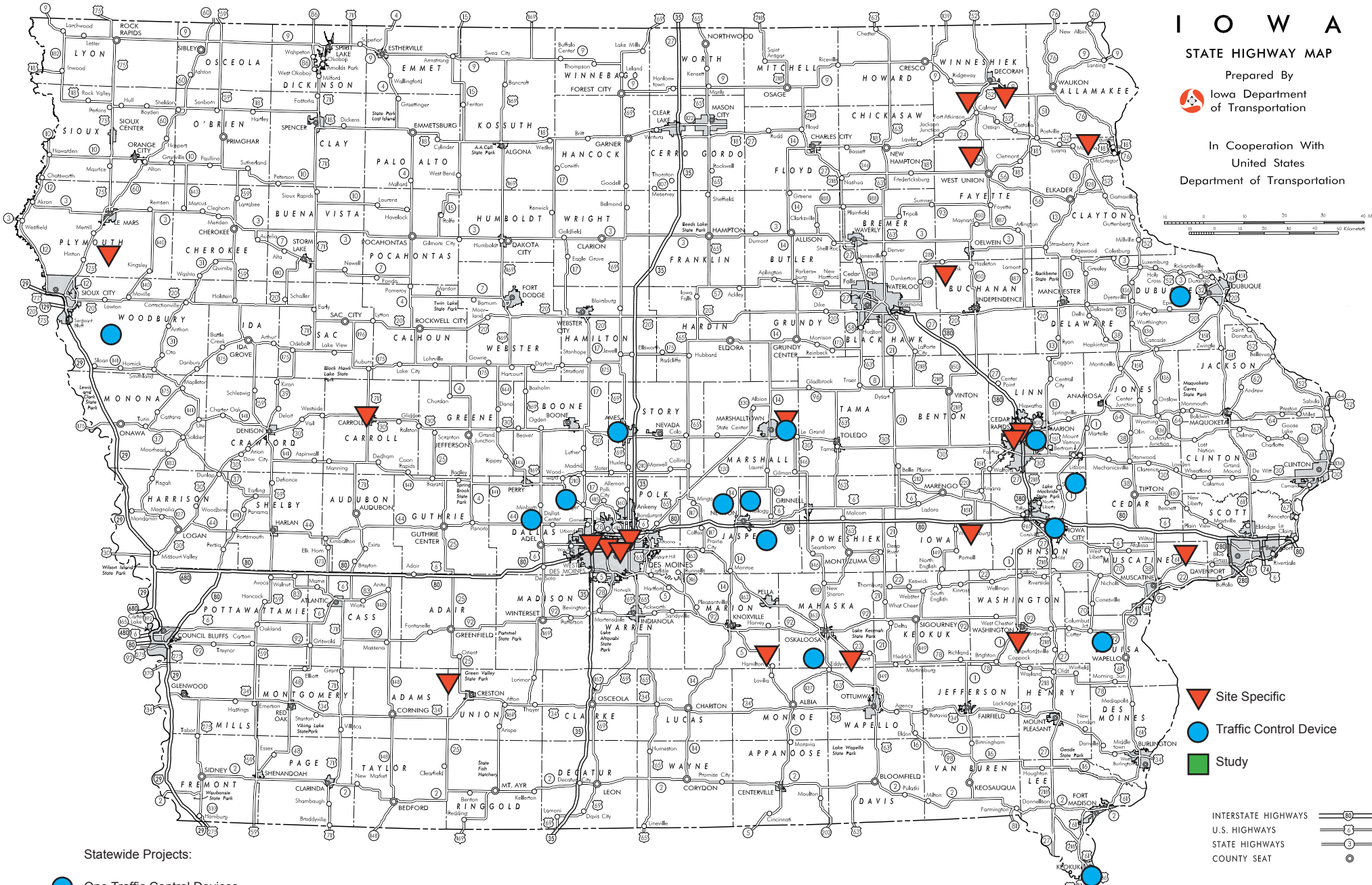
STATE HIGHWAY MAP

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Department of Transportation



Statewide Projects:

- One Traffic Control Devices
- Eighteen Statewide Studies

- ▲ Site Specific
- Traffic Control Device
- Study

- INTERSTATE HIGHWAYS
- U.S. HIGHWAYS
- STATE HIGHWAYS
- COUNTY SEAT

# Highway Program





# Highway Program

The highway section of the Iowa Transportation Improvement Program (Program) contains the primary and interstate highway construction-related investments planned for FY2011 through 2015. In general, contracts awarded during a fiscal year are constructed during the corresponding calendar year. The highway section is arranged by county and route. A map showing the location of each 2011 project is located in the highway section of this report.

## Highway Program Objectives

The highway section was developed to achieve several objectives. The Iowa Transportation Commission's (Commission) primary investment objective is the maintenance and preservation of Iowa's existing highway system, and its operational and safety features. Funding exceeding \$1.2 billion is programmed in FY2011 through 2015 for preservation of Iowa's existing highway system and for enhanced highway safety features. The highway section also includes interstate modernization investments of \$268 million on I-29 in Sioux City, \$302 million on I-29/80/480 in Council Bluffs, and \$31 million on I-74 in Bettendorf/Davenport.

Another objective involves maintaining the scheduled completion of capacity/economic development projects that were identified in the previous Program. These projects include U.S. 63 in Bremer County, Fort Madison bypass, U.S. 20 in Sac and Calhoun Counties, U.S. 34 relocation in Mills County, U.S. 30 in Benton County, U.S. 61 in Louisa County, U.S. 63 in Black Hawk County (Waterloo), U.S. 218 in Bremer County, U.S. 30 in Clinton County, Ia. 4 in Greene County, Ia. 330 in Marshall County, U.S. 75 in Plymouth County, Ia. 92 in Warren County, and U.S. 20 in Dubuque County.

As an investment goal for capacity and economic development, the Commission has added projects that include U.S. 20 in Woodbury County, Ia. 86 in Dickinson County, U.S. 30 in Boone and Story Counties and right of way investments for the extension of Ia. 100 in Linn County.

Construction improvements are partially funded through congressional extensions to the federal transportation act, Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). The act expired September 30, 2009 and to date has been extended five times. The current extension expires December 31, 2010. There is significant uncertainty in the forecast of federal revenues without a long-term federal transportation act, but the Commission and Iowa DOT remain committed to providing adequate, safe and efficient transportation services to the public. The Commission and the Iowa DOT will continue to monitor federal revenues and will adjust future investments as needed for a fiscally responsible Program.

## Public Participation

Throughout the year Iowa DOT staff meet with individuals, local agencies and organizations to discuss potential projects and transportation issues. During the 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 2009, the 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 West Des Moines, Cedar Falls, Council Bluffs, and Bettendorf. Approximately 36 delegations presented their views.

## Highway Program Information and Services

On a periodic basis, the Commission considers adjustments to the highway section. Information regarding these changes can be accessed on the Iowa DOT's Web site at <http://www.iowadot.gov>.

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

In 1977 a special purpose safety program was established by the Commission as a means of reducing crashes and improving operations on the urban extensions of the State 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 January 1, 1983, the 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 Iowa DOT's 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 Iowa DOT and are available to local governments, as requested 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 State 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 State Jurisdiction Retained				Cooperative Improvement Transfer to Local Jurisdiction			
Rehabilitation		Reconstruction		Rehabilitation		Reconstruction	
State Share(%)	Limit (\$/Mi.)	State Share(%)	Limit (\$/Mi.)	State Share(%)	Limit (\$/Mi.)	State Share(%)	Limit (\$/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 - State Traffic Engineering Program (U-STEP)

### A. Spot Improvements - Safety or Operational

For cooperative safety or operational improvements on municipal extensions of the State 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 State 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 Legislature 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 county conservation board. The application deadline is June 1 of each year. All applications received are reviewed by the IRVM technical advisory committee. This committee is appointed by the director of the 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
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 in the same proportions as the Road Use Tax Fund distribution formula.

Since the beginning of this program, more than \$12.7 million have been approved for more than 1,200 projects around the state. These funds supported 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 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 Iowa DOT garages for use on interstate rest areas and public school grounds. These projects will enhance aesthetics, provide identification and management training, and provide 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 Iowa's native vegetation is available on request.

Over 100 applications for FY2010 funding were submitted by cities, counties and the state. The total amount of funding requested was \$1.8 million. Sixty-nine projects were awarded a total of \$956,106.

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](http://iowalivingroadway.com).

**Living Roadway Trust Fund Projects  
Fiscal Year 2010**

<b>State Projects</b>	<b>County</b>	<b>Approved Funding</b>
Hawkeye Community College, Demonstration Sustainability	Black Hawk	\$ 12,500
University of Northern Iowa, Ecotype Project	Black Hawk	\$ 46,643
University of Northern Iowa, Research	Black Hawk	\$ 23,116
University of Northern Iowa, Research	Black Hawk	\$ 21,928
University of Northern Iowa, Research	Black Hawk	\$ 22,900
University of Northern Iowa, Teacher Training	Black Hawk	\$ 49,993
University of Northern Iowa, Research	Black Hawk	\$ 25,000
University of Northern Iowa, Prairie Restoration	Black Hawk	\$ 4,644
Des Moines County GIS Commission, Roadside Maintenance	Des Moines	\$ 3,000
Iowa Valley Resource Conservation & Development, Research & Development	Iowa	\$ 15,000
Iowa Valley Resource Conservation & Development, Inventory	Iowa	\$ 4,500
Iowa Valley Resource Conservation & Development, Inventory	Iowa	\$ 4,500
Iowa Valley Resource Conservation & Development, Inventory	Iowa	\$ 4,500
Maharishi University of Management, Outdoor Classroom	Jefferson	\$ 17,890
Iowa DNR State Parks, Roadside Plantings	Polk	\$ 30,000
Iowa DOT, Research, Inventory, Demonstration, Public Awareness & Publications	Story	\$ 50,000
Maria Urice, Program Assistance	Story	\$ 52,800
Bonestroo, Inc., Field Guide	Story	\$ 14,250
Jennifer L. Hopwood, Research	Story	\$ 11,819
Iowa Association of Naturalists, Public Awareness	Story	\$ 1,500
Iowa State University, Brian Wilsey, Research	Story	\$ 10,675
Luther College, Research	Winneshiek	\$ 9,253
<b>Subtotal</b>		<b>\$ 436,411</b>

**Living Roadway Trust Fund Projects  
Fiscal Year 2010**

<b>City Projects</b>	<b>County</b>	<b>Approved Funding</b>
Cedar Falls, Trail Planting	Black Hawk	\$ 4,000
Trees Forever, SAFETEA-LU Enhancement Funds Match	Linn	\$ 65,000
Trees Forever, Stewards of the Beautiful Land	Linn	\$ 28,600
Trees Forever, Commmunity & LRTF Assistance Program	Linn	\$ 90,500
 <b>Subtotal</b>		 <b>\$ 188,100</b>
 <b>County Projects</b>		
Adair County, Equipment	Adair	\$ 6,000
Black Hawk County Secondary Roads, Inventory	Black Hawk	\$ 4,500
Black Hawk County Conservation Board, Equipment	Black Hawk	\$ 3,266
University of Northern Iowa, Legislated Funding	Black Hawk	\$ 75,000
University of Northern Iowa, Roadside Program	Black Hawk	\$ 20,000
University of Northern Iowa, Roadside Conference	Black Hawk	\$ 12,000
University of Northern Iowa, Professional Development Workshops	Black Hawk	\$ 6,000
Buchanan County IRVM, Equipment	Buchanan	\$ 1,600
Chickasaw County, Equipment	Chickasaw	\$ 6,788
Clinton County Conservation, Equipment	Clinton	\$ 3,423
Clinton County Conservation, Equipment	Clinton	\$ 4,785
Dallas County IRVM, Equipment	Dallas	\$ 371
Des Moines County Roadsides, Equipment	Des Moines	\$ 1,614
Des Moines County Roadsides, Inventory Transcription to GIS	Des Moines	\$ 2,500
Jasper County Highway Department, Seed, Mulch & Fertilizer	Jasper	\$ 1,090
Jasper County Highway Department, Equipment	Jasper	\$ 2,800
Johnson County IRVM, Equipment	Johnson	\$ 3,494
Jones County, Equipment	Jones	\$ 2,846
Jones County, Equipment	Jones	\$ 820
Jones County Conservation Board, Park Planting	Jones	\$ 8,000
Linn County Secondary Road Department, Research, Demonstration & Education	Linn	\$ 1,921
Linn County Secondary Road Department, Seed	Linn	\$ 2,000
Linn County Secondary Road Department, Equipment	Linn	\$ 2,831
Linn County Secondary Road Department, Equipment	Linn	\$ 5,000

**Living Roadway Trust Fund Projects  
Fiscal Year 2010**

<b>County Projects (continued)</b>	<b>County</b>	<b>Approved Funding</b>
Linn County Secondary Road Department, Equipment	Linn	\$ 10,000
Mahaska County IRVM, Storage Building/Seed & Equipment	Mahaska	\$ 13,000
Mahaska County IRVM, Equipment	Mahaska	\$ 1,732
Mitchell County, Equipment	Mitchell	\$ 2,943
Montgomery County Roadside Department, Equipment	Montgomery	\$ 2,167
Montgomery County Roadside Department, Storage Building	Montgomery	\$ 1,172
Montgomery County Roadside Department, Equipment	Montgomery	\$ 8,000
Montgomery County Roadside Department, Equipment	Montgomery	\$ 10,000
Page County Secondary Roads, Equipment	Page	\$ 5,000
Palo Alto County, Equipment	Palo Alto	\$ 4,183
Pottawattamie County, Tree Removal	Pottawattamie	\$ 19,750
Poweshiek County, Equipment	Poweshiek	\$ 20,276
Shelby County Roadside Management, Equipment	Shelby	\$ 3,976
Story County Conservation IRVM, Land Purchase	Story	\$ 22,000
Story County Conservation IRVM, Equipment	Story	\$ 6,000
Webster County IRVM, Equipment	Webster	\$ 733
Winnebago County Conservation Board, Equipment	Winnebago	\$ 2,832
Winneshiek County Secondary Roads Department, Seed, Trail Planting	Winneshiek	\$ 9,181
Winneshiek County Secondary Roads Department, Equipment	Winneshiek	\$ 10,000
 <b>Subtotal</b>		 <b>\$ 331,595</b>
 <b>TOTAL</b>		 <b>\$ 956,106</b>

# Living Roadway Trust Fund Projects

## Fiscal Year 2010

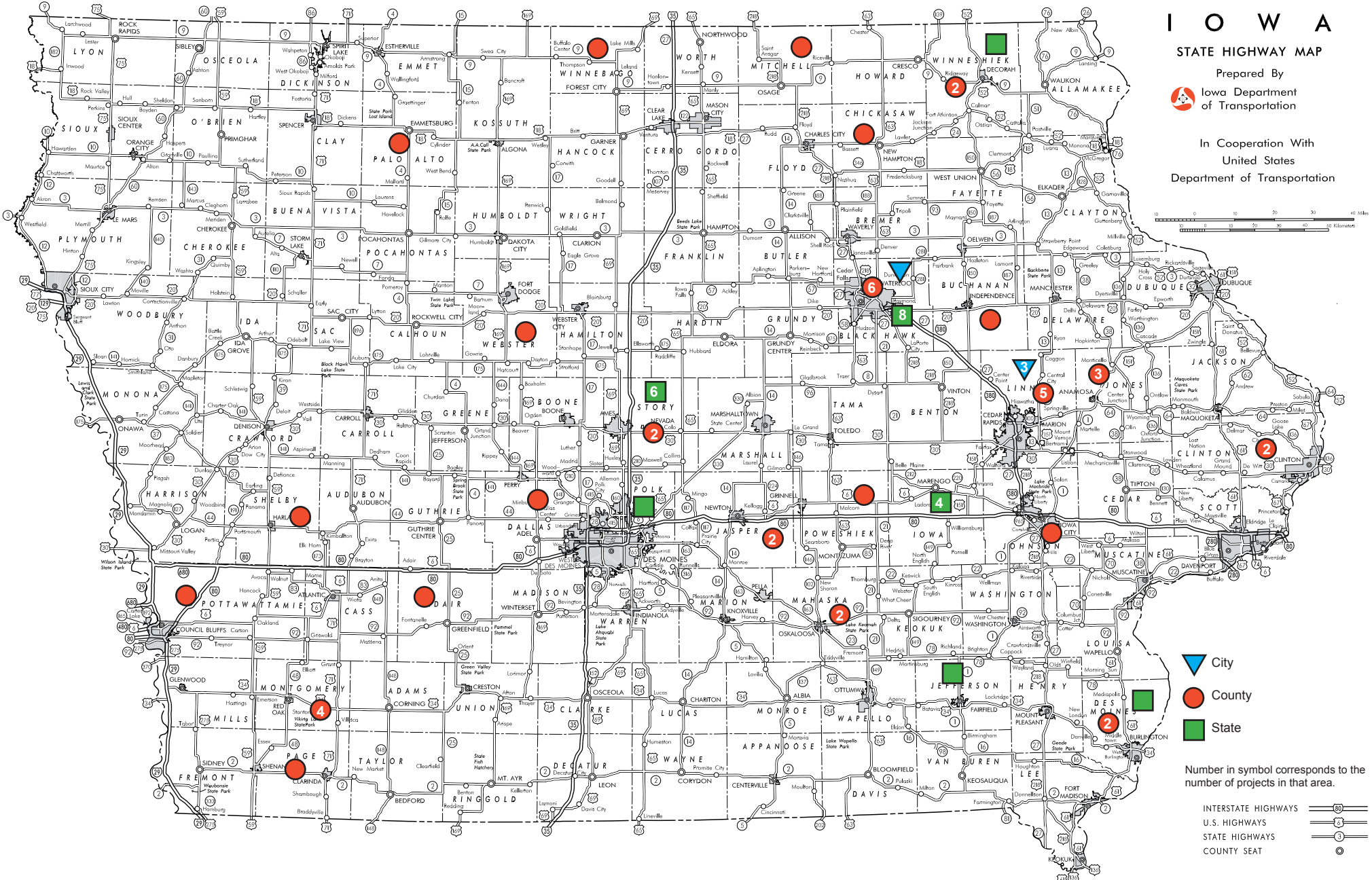
I O W A

STATE HIGHWAY MAP

Prepared By



In Cooperation With  
United States  
Department of Transportation





# 2011 Highway Program

I O W A

STATE HIGHWAY MAP

Prepared By

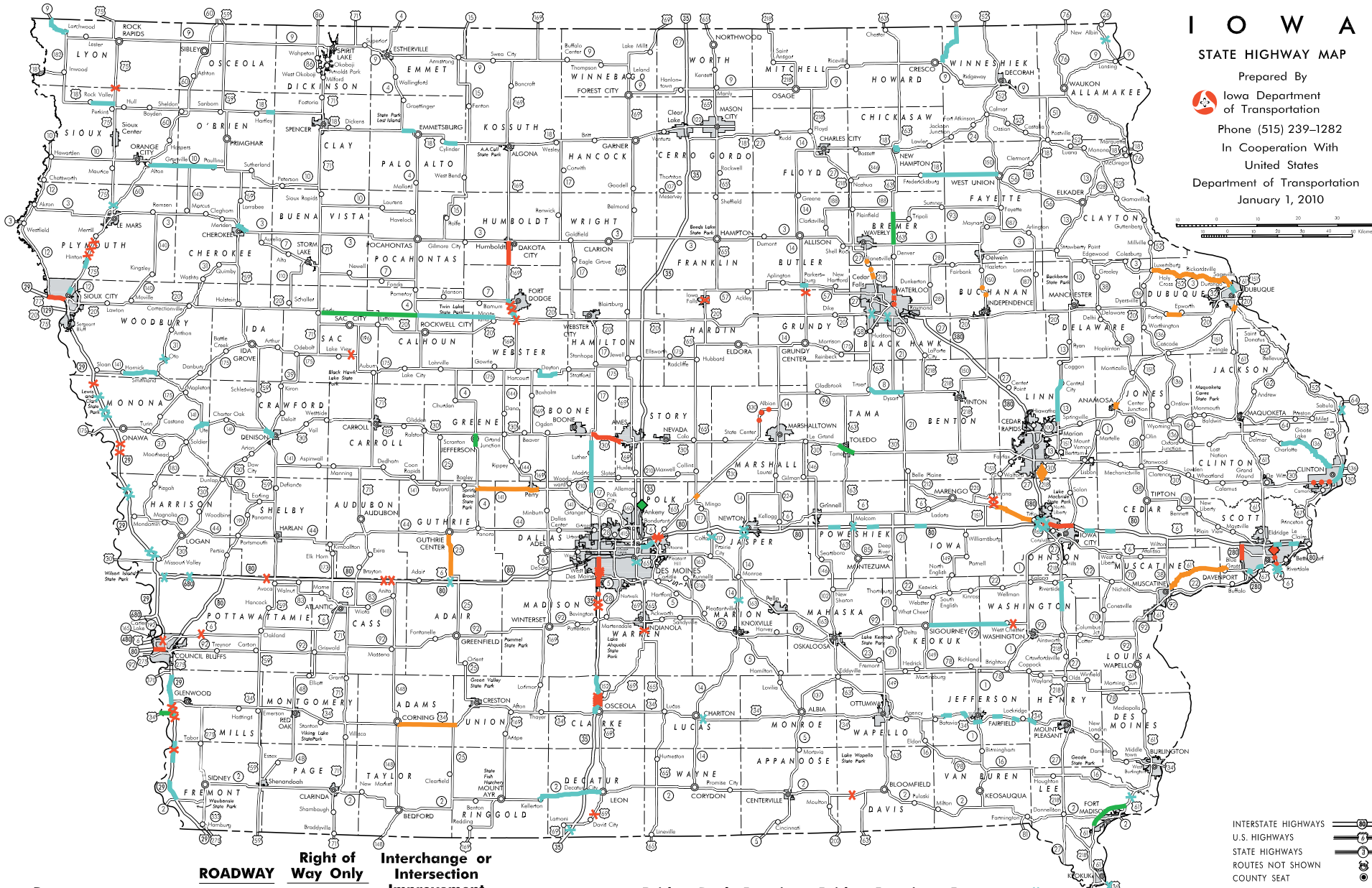


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January 1, 2010



Preserve

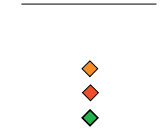
Resurface / Repair  
Intermittent Repair

Modernize  
Rebuild Existing  
Construct New

ROADWAY

Right of Way Only

Interchange or Intersection Improvement



Bridge Deck Repair or Bridge Repairs – Preserve X

Bridge or Culvert – Replacement or Rebuild X

Rest Area Modernization or Rehabilitation ◆



# HIGHWAY PROGRAM KEY

(1) RTE	(2) ADT	(3) LOCATION	(4) MILES	(5) TYPE OF WORK	(6) PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
(78) POTTAWATTAMIE									
80	82500	I-80/I-29/I-480 INTERSTATES IN COUNCIL BLUFFS	4.0	GRADE AND PAVE	20085	9264	38246	30510	54172
				RIGHT OF WAY	13500	4274	1000	25151	1000
				WETLAND MITIGATION	850		700		
				TRAFFIC SIGNS	220		700		
				BRIDGE NEW	24781				
				BRIDGE WIDENING	4646				
				LIGHTING	799				
				BRIDGE REPLACEMENT		24393	10926	20306	15688
				TRAFFIC SIGNALS		114			
				EROSION CONTROL			500		650

Explanation of columns using the example above

- (1) Project is on I-80
- (2) Average daily traffic on this section is 82,500 vehicles
- (3) The project is in Pottawattamie County, on I-80/I-29/I-480 in Council Bluffs
- (4) The project is 4.0 miles long
- (5) Type of work programmed is as listed
- (6) Project costs programmed for each year

## Abbreviations

EB - eastbound	DR - drive
WB - westbound	I - Interstate
NB - northbound	JCT - junction
SB - southbound	PKWY - parkway
NE - northeast	RD - road
NW - northwest	REHAB - rehabilitation
SE - southeast	RR - railroad
SW - southwest	ST - street
WCL, ECL, NCL, SCL	CO - county
= direction city limit	IA - Iowa





2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
(01) ADAIR									
80	20300	MIDDLE RIVER 1.4 MILES WEST OF IA 25 (WB)		BRIDGE REHABILITATION	2095				
80	20300	MIDDLE RIVER 1.4 MILES WEST OF IA 25 (EB)		BRIDGE REHABILITATION			1688		
80	270	CO RD OVER I-80 2.0 MILES EAST OF IA 25		BRIDGE DECK OVERLAY				248	
(02) ADAMS									
34	2340	EAST OF CORNING TO 1.0 MILE WEST OF CO RD P17	12.3	PAVEMENT WIDENING	4400				
34	2260	PLATTE RIVER 1.3 MILES WEST OF IA 25		RIGHT OF WAY BRIDGE REPLACEMENT			17	1942	
(03) ALLAMAKEE									
9	2290	MISSISSIPPI RIVER AT LANSING - STATE SHARE		BRIDGE WASHING BRIDGE PAINTING	20	20	20 3250	20	20
26	1310	UPPER IOWA RIVER 1.9 MILES SOUTH OF NEW ALBIN		RIP RAP	580				
51	1820	BRANCH YELLOW RIVER 5.0 MILES NORTH OF US 18		BRIDGE DECK OVERLAY		256			
51	1820	NORTH FORK YELLOW RIVER 3.5 MILES SOUTH OF IA 9		BRIDGE DECK OVERLAY		262			
(04) APPANOOSE									
5	2980	ICE RR 1.0 MILE SOUTH OF CO RD J18		BRIDGE DECK OVERLAY		390			
(06) BENTON									
30	5800	IA 21 TO WEST JCT US 218	13.9	RIGHT OF WAY				6100	6300
30	5600	PRAIRIE CREEK 1.7 MILES EAST OF CO RD V44		BRIDGE DECK OVERLAY			326		

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(06) BENTON										
30	5600	BRANCH PRAIRIE CREEK 1.2 MILES WEST OF CO RD V66		BRIDGE DECK OVERLAY			205			
30	4510	STREAM 1.5 MILES EAST OF CO RD V66		RIGHT OF WAY CULVERT REPLACEMENT			15		500	
30	9400	DITCH 0.5 MILE WEST OF CO RD W26 (WB)		RIGHT OF WAY CULVERT REPLACEMENT			15		220	
218	4190	HINKLE CREEK 1.1 MILES SOUTH OF CO RD V61		BRIDGE DECK OVERLAY						185
(07) BLACK HAWK										
20	23900	VARIOUS LOCATIONS ON US 20 AND I-380		BRIDGE RAIL RETROFIT	3550					
57	18700	CEDAR RIVER OVERFLOW NEAR US 218 IN CEDAR FALLS (EB)		BRIDGE DECK OVERLAY			956			
57	18700	CEDAR RIVER OVERFLOW NEAR US 218 IN CEDAR FALLS (WB)		BRIDGE DECK OVERLAY			956			
63	8350	IN WATERLOO FROM JEFFERSON ST TO FRANKLIN ST STATE SHARE	0.6	GRADE AND PAVE			2705			
63	9050	IN WATERLOO FROM FRANKLIN ST TO NEWELL ST STATE SHARE	0.7	RIGHT OF WAY GRADE AND PAVE	250		6000			
63	12300	IN WATERLOO FROM NEWELL ST TO DONALD ST STATE SHARE	1.0	GRADE AND PAVE	3800					
218	3840	WOLF CREEK IN LA PORTE CITY		BRIDGE REPLACEMENT			2272			
218		CO RD C57 INTERSECTION	0.4	GRADE AND PAVE	1000					
281	3060	POYNER CREEK 2.3 MILES NORTH OF CO RD D20		BRIDGE REPLACEMENT						1271

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
(07) BLACK HAWK									
380	23900	RIVER FOREST RD TO MITCHELL AVE IN WATERLOO (EB)	2.5	PAVEMENT REHAB					6106
380	23900	RIVER FOREST RD TO MITCHELL AVE IN WATERLOO (WB)	2.5	PAVEMENT REHAB			5591		
(08) BOONE									
30	3770	MIDDLE BEAVER CREEK 0.4 MILE WEST OF US 169		BRIDGE REPLACEMENT					466
30	14900	230TH ST TO EAST OF UNIVERSITY BLVD IN AMES (EB & WB)	8.0	GRADE AND PAVE	21700				
(09) BREMER									
63	4620	IA 3 TO 1.5 MILES SOUTH OF IA 188	8.7	BRIDGE NEW	1353				
				PAVE		14993			
				CULVERT NEW		1414			
				LIGHTING		45			
				TRAFFIC SIGNS		365			
				EROSION CONTROL				950	
218	16130	CO RD C50 IN JANESVILLE	0.4	RIGHT OF WAY	634				
				GRADE AND PAVE		12384			
				BRIDGE NEW		1400			
				CULVERT NEW		400			
				GRADE		2500			
				LIGHTING		75			
				TRAFFIC SIGNS		75			
				EROSION CONTROL				200	
(10) BUCHANAN									
150	5100	BEAR CREEK 0.9 MILE NORTH OF CO RD D47		RIGHT OF WAY			17		
				BRIDGE REPLACEMENT				2097	

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(10) BUCHANAN										
150	4560	170TH ST 4.5 MILES NORTH OF INDEPENDENCE	1.0	RIGHT OF WAY GRADE AND PAVE WETLAND MITIGATION	523	4913				
(12) BUTLER										
14	1980	STREAM 0.6 MILE SOUTH OF IA 57		BRIDGE REPLACEMENT WETLAND MITIGATION RIGHT OF WAY	948	10	15			
14	2090	IN PARKERSBURG	0.5	PAVEMENT REHAB	500					
57	3230	DITCH 4.8 MILES EAST OF IA 14		BRIDGE DECK OVERLAY						203
(13) CALHOUN										
20		SAC CO TO IA 4	9.0	BRIDGE NEW PAVE LIGHTING TRAFFIC SIGNS PAVEMENT REHAB EROSION CONTROL	1491	26841	64	78	1163	1218
20		IA 4 TO WEBSTER CO	13.2	PAVEMENT REHAB EROSION CONTROL	2011	1870				
(14) CARROLL										
141	1870	STREAM 6.6 MILES EAST OF CO RD N33		BRIDGE REPLACEMENT						730
(15) CASS										
71	1560	SEVEN MILE CREEK 0.6 MILE SOUTH OF IA 92		BRIDGE DECK OVERLAY		271				
71	2670	LONE TREE CREEK 0.1 MILE SOUTH OF CO RD G35		BRIDGE DECK OVERLAY		250				

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(15) CASS										
71	2670	TURKEY CREEK 0.1 MILE NORTH OF CO RD G35		BRIDGE DECK OVERLAY		250				
80	23900	CASS-ADAIR-MADISON-DALLAS CO		PATCHING	450	450	450	450	450	
80	19900	INDIAN CREEK 1.2 MILES WEST OF CO RD M56 (EB)		BRIDGE REPLACEMENT			3143			
80	19900	INDIAN CREEK 1.2 MILES WEST OF CO RD M56 (WB)		BRIDGE REPLACEMENT			2871			
80	240	CO RD M56 OVER I-80		BRIDGE DECK OVERLAY				160		
80	19300	CROOKED CREEK 1.6 MILES WEST OF IA 148 (EB)		BRIDGE REPLACEMENT	1794					
80	19300	CROOKED CREEK 1.6 MILES WEST OF IA 148 (WB)		BRIDGE REPLACEMENT	1218					
92	1210	STREAM 1.0 MILE WEST OF IA 148		BRIDGE REPLACEMENT				850		
(16) CEDAR										
6	4080	SUGAR CREEK 2.2 MILES SOUTH OF I-80		BRIDGE DECK OVERLAY						100
38	2470	STREAM 3.0 MILES NORTH OF I-80		CULVERT REPLACEMENT						140
80		EB REST AREA PARKING LOT		PAVEMENT REHAB				1869		
130	1930	SUGAR CREEK 1.9 MILES EAST OF TIPTON		RIGHT OF WAY BRIDGE REPLACEMENT		15	1153			
(17) CERRO GORDO										
35	18300	CLEAR LAKE TO CO RD B20 (NB)	3.0	PAVEMENT REHAB				1720		
35	18300	CLEAR LAKE TO CO RD B20 (SB)	3.0	PAVEMENT REHAB				1719		

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(18) CHEROKEE										
3	3560	US 59 TO CO RD C38	2.7	PAVEMENT REHAB	1031					
(19) CHICKASAW										
18	2010	FREDERICKSBURG TO WEST UNION	19.0	PAVEMENT REHAB	12256					
24	1470	DITCH 2.3 MILES EAST OF CO RD V56		BRIDGE REPLACEMENT RIGHT OF WAY		696 15				
(20) CLARKE										
35	15100	DECATUR CO TO US 34 (NB)	8.7	EROSION CONTROL	250					
35	16900	US 34 TO WARREN CO (NB)	9.2	PAVEMENT REHAB	7389					
35	16900	US 34 TO WARREN CO (SB)	9.2	PAVEMENT REHAB			8069			
35	950	IA 152 OVER I-35		BRIDGE REPLACEMENT					1700	
35	16300	SOUTH SQUAW CREEK 0.7 MILE NORTH OF IA 152 (NB)		BRIDGE REPLACEMENT	1500					
35	16300	SOUTH SQUAW CREEK 0.7 MILE NORTH OF IA 152 (SB)		BRIDGE REPLACEMENT	1500					
35	16300	SQUAW CREEK 2.5 MILES NORTH OF IA 152 (SB)		BRIDGE REPLACEMENT	1500					
35	16300	SQUAW CREEK 2.5 MILES NORTH OF IA 152 (NB)		BRIDGE REPLACEMENT	1500					
(22) CLAYTON										
18	7500	MISSISSIPPI RIVER IN MARQUETTE - STATE SHARE		BRIDGE WASHING	20	20	20	20	20	20
(23) CLINTON										
30	12200	SOUTH 14TH ST TO SOUTH 4TH ST IN CLINTON STAGE 2 LIBERTY SQUARE	1.7	RIGHT OF WAY GRADE AND PAVE	2300	9977				

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(23) CLINTON										
30	10000	MISSISSIPPI RIVER IN CLINTON - STATE SHARE		BRIDGE WASHING	20	20	20	20	20	
67	11690	IN CLINTON FROM US 30 TO IA 136 - STATE SHARE	2.8	PAVEMENT REHAB	696					
136	9800	MISSISSIPPI RIVER IN CLINTON - STATE SHARE		BRIDGE WASHING BRIDGE PAINTING	25	25	25	25	25	25
								2000		
136	1220	WCL CLINTON TO CHARLOTTE	16.3	PAVEMENT REHAB	4700					
(24) CRAWFORD										
30	3120	DITCH 0.5 MILE NORTH OF IA 37		RIGHT OF WAY BRIDGE REPLACEMENT			15		960	
30	4220	WILLOW CREEK 1.4 MILES EAST OF ARION		BRIDGE DECK OVERLAY						155
30	3420	UP RR 2.0 MILES EAST OF VAIL		BRIDGE DECK OVERLAY		414				
59	2990	ABANDONED RR 0.5 MILE NORTH OF SOUTH JCT IA 141		BRIDGE DECK OVERLAY			313			
59	3010	US 30 TO IA 141	3.8	PAVEMENT REHAB	4221					
59	2570	NORTH & SOUTH OF DENISON	0.2	RIGHT OF WAY CULVERT REPLACEMENT	15		634			
(25) DALLAS										
6	4770	SOUTH RACCOON RIVER 1.1 MILES NORTH OF I-80		BRIDGE REPLACEMENT						3200
141		GREENE CO LONG TRACT SITE	0.1	WETLAND MITIGATION	160					
169	2590	STREAM 2.9 MILES SOUTH OF IA 141		CULVERT REPLACEMENT						500

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(26) DAVIS										
2	1890	FOX CREEK 1.7 MILES EAST OF APPANOOSE CO		BRIDGE REPLACEMENT RIGHT OF WAY	1173 9					
63	5600	SOAP CREEK 0.9 MILE SOUTH OF WAPELLO CO		BRIDGE DECK OVERLAY			465			
(27) DECATUR										
35	16300	DECATUR-CLARKE-WARREN CO		PATCHING	650	650	650	650	650	
35	16300	DECATUR-CLARKE-WARREN-POLK CO		WETLAND MITIGATION	40					
35	740	ABANDONED RR 0.6 MILE SOUTH OF US 69 (NB)		BRIDGE REHABILITATION	150					
69	740	GRAND RIVER 0.6 MILE NORTH OF CO RD J66		BRIDGE REPLACEMENT RIGHT OF WAY	2021 15					
(28) DELAWARE										
20	7600	CC RR 0.9 MILE EAST OF IA 13 (EB)		BRIDGE DECK OVERLAY						316
20	7600	CC RR 0.9 MILE EAST OF IA 13 (WB)		BRIDGE DECK OVERLAY						316
(29) DES MOINES										
34	9800	MISSISSIPPI RIVER IN BURLINGTON - STATE SHARE		BRIDGE WASHING	25	25	25	25	25	
61	9780	SPRING CREEK 3.7 MILES NORTH OF LEE CO		BRIDGE REHABILITATION		770				
(30) DICKINSON										
86	2370	IA 9 TO 0.5 MILE SOUTH OF MINNESOTA	4.4	RIGHT OF WAY GRADE AND PAVE		485		10200		
86	2270	0.5 MILE SOUTH OF MINNESOTA - STATE SHARE	0.5	RIGHT OF WAY GRADE AND PAVE		325			2700	



2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(31) DUBUQUE										
20	13400	WEST OF FARLEY TO EPWORTH	6.0	PAVEMENT WIDENING	1400					
20	15900	US 20 INTERCHANGE WITH SEIPPEL RD - STATE SHARE	0.4	GRADE PAVE			5460		12300	
20	26800	MISSISSIPPI RIVER IN DUBUQUE - STATE SHARE		BRIDGE WASHING BRIDGE PAINTING	30	30	30		30	30
52	21500	US 61/151 TO GRANDVIEW AVE IN DUBUQUE (CATFISH CREEK)	1.3	GRADE AND PAVE BRIDGE REPLACEMENT WETLAND MITIGATION LIGHTING		10025 4900 50 52				
52	6100	GRANDVIEW AVE IN DUBUQUE		BRIDGE REHABILITATION				100		
52	6300	21ST ST TO 32ND ST IN DUBUQUE - STATE SHARE	1.3	PAVEMENT REHAB	600					
52	2340	IA 32 TO LUXEMBURG	22.3	PAVEMENT WIDENING	1000					
52	2440	GILLESPIE HILL NORTH OF DUBUQUE		GUARDRAIL	553					
61	16900	LAKE ELEANOR RD INTERSECTION IN DUBUQUE	0.3	PAVEMENT WIDENING	57					
61	18400	MISSISSIPPI RIVER IN DUBUQUE - STATE SHARE		BRIDGE WASHING BRIDGE PAINTING	20	20	20		20	20
151	5400	BRANCH PRAIRIE CREEK 8.4 MILES NORTH OF CASCADE		BRIDGE DECK OVERLAY				251		
(32) EMMET										
4	1950	DITCH 2.5 MILES NORTH OF CO RD B14		BRIDGE REPLACEMENT						500
4	1950	DITCH 4.0 MILES NORTH OF CO RD A34		BRIDGE REPLACEMENT						500

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(33) FAYETTE										
187	1880	MAQUOKETA RIVER 2.1 MILES NORTH OF IA 3		RIGHT OF WAY BRIDGE REPLACEMENT WETLAND MITIGATION			15		1283	50
(34) FLOYD										
218	1750	DITCH 1.4 MILES SOUTH OF CO RD B17		BRIDGE DECK OVERLAY		180				
(35) FRANKLIN										
35	14600	IA 3 TO NORTH OF CO RD C25 (NB)	5.5	PAVEMENT REHAB					4411	
35	14600	IA 3 TO NORTH OF CO RD C25 (SB)	5.5	PAVEMENT REHAB					4412	
(36) FREMONT										
2	7500	MISSOURI RIVER - STATE SHARE		BRIDGE WASHING	8	8	8	8	8	
2	7500	HORSE CREEK 1.0 MILE WEST OF I-29		BRIDGE DECK OVERLAY						289
29	19300	FREMONT-MILLS-POTTAWATTAMIE CO		PATCHING	1100	1100	1100	1100	1100	
29	11300	IA 2 TO 1.5 MILES NORTH OF CO RD J26 (NB)	6.9	PAVEMENT REHAB	6270					
29	11300	IA 2 TO MILLS CO REST AREA (NB & SB)	6.9	EROSION CONTROL		150				
29	10900	HORSE CREEK 1.9 MILES NORTH OF IA 2 (NB)		BRIDGE DECK OVERLAY					251	
29	10900	HORSE CREEK 1.9 MILES NORTH OF IA 2 (SB)		BRIDGE DECK OVERLAY					251	
29	11400	1.5 MILES NORTH OF CO RD J24 TO MILLS CO (NB)	4.0	PAVEMENT REHAB	4808					
29	11400	WAUBONSIE DITCH 1.6 MILES SOUTH OF MILLS CO (NB)		BRIDGE REPLACEMENT	1267					

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
(37) GREENE									
4	7400	UP RR IN JEFFERSON - STATE SHARE		GRADE AND PAVE RIGHT OF WAY BRIDGE NEW	2000 1100	2600 2500			
30	3740	HARDIN CREEK 1.1 MILES EAST OF JEFFERSON		BRIDGE DECK OVERLAY					198
(39) GUTHRIE									
25	780	CO RD F65 TO GUTHRIE CENTER	12.8	PAVEMENT WIDENING	4000				
25	1430	MASON CREEK 1.0 MILE SOUTH OF IA 44		RIGHT OF WAY BRIDGE REPLACEMENT			15		2029
141	2300	MIDDLE RACCOON RIVER 0.4 MILE EAST OF CARROLL CO		RIGHT OF WAY BRIDGE REPLACEMENT			15		2037
141	2090	WILLOW CREEK 1.6 MILES WEST OF BAYARD		RIGHT OF WAY BRIDGE REPLACEMENT			15		2023
141	1610	MOSQUITO CREEK 1.2 MILES WEST OF CO RD P18		RIGHT OF WAY BRIDGE REPLACEMENT			15		642
141	2190	IA 4 TO PERRY	13.8	PAVEMENT WIDENING	3800				
(40) HAMILTON									
35	23700	1.1 MILES NORTH OF IA 175 TO 2.5 MILES SOUTH OF US 20 (SB)	6.2	GRADE AND PAVE					8092
69	1150	OVER US 20		BRIDGE DECK OVERLAY					294
(41) HANCOCK									
69	1880	SOUTH OF KLEMME		RIGHT OF WAY CULVERT REPLACEMENT	20	524			

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(41) HANCOCK										
69	1670	EAST BRANCH IOWA RIVER 0.6 MILE SOUTH OF CO RD B55		BRIDGE REPLACEMENT						1080
(42) HARDIN										
57	2290	CC RR IN ACKLEY		RIGHT OF WAY GRADE AND PAVE BRIDGE REPLACEMENT		150		590		2557
65	11200	IOWA RIVER IN IOWA FALLS		BRIDGE REPLACEMENT	13167					
(43) HARRISON										
29	13300	HARRISON-MONONA-WOODBURY CO		PATCHING	850	850	850	850	850	
29	13500	NB OVER US 30		BRIDGE DECK OVERLAY				250		
29	13400	UP RR 0.3 MILE NORTH OF US 30 (NB)		BRIDGE DECK OVERLAY	356					
29	13400	UP RR 0.3 MILE NORTH OF US 30 (SB)		BRIDGE DECK OVERLAY	356					
29	430	CO RD F20 OVER I-29		BRIDGE DECK OVERLAY			322			
29	12400	DITCH 1.6 MILES NORTH OF CO RD F20 (NB)		BRIDGE DECK OVERLAY	568					
29	12400	DITCH 1.6 MILES NORTH OF CO RD F20 (SB)		BRIDGE DECK OVERLAY	568					
30	4090	MISSOURI RIVER - STATE SHARE		BRIDGE WASHING	15	15	15	15	15	
30	4120	YOUNGS DITCH 3.8 MILES EAST OF NEBRASKA		BRIDGE DECK OVERLAY		312				
30	2990	STREAM 3.6 MILES EAST OF CO RD F32		BRIDGE REPLACEMENT		1202				
127	450	ALLEN CREEK 8.5 MILES WEST OF US 30		BRIDGE DECK OVERLAY		203				

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(43) HARRISON										
183	640	SOLDIER RIVER 0.9 MILE NORTH OF PISGAH		RIGHT OF WAY BRIDGE REPLACEMENT			9		1563	
191	1650	SPRING CREEK 0.6 MILE SOUTH OF PERSIA		BRIDGE REPLACEMENT					664	
(46) HUMBOLDT										
169	6000	WEBSTER CO TO HUMBOLDT	4.1	GRADE AND PAVE BRIDGE REPLACEMENT CULVERT REPLACEMENT WETLAND MITIGATION EROSION CONTROL	4843 503 422 150		200			
(47) IDA										
175	1920	STREAM 0.6 MILE EAST OF ARTHUR		RIGHT OF WAY BRIDGE REPLACEMENT			15		547	
(48) IOWA										
6	1030	IAIS RR 1.6 MILES EAST OF IA 21		BRIDGE REHABILITATION						100
6	3960	EAST JCT US 151 TO TIFFIN	11.4	PAVEMENT WIDENING PAVEMENT REHAB	1000 1000					
80	32700	IOWA-JOHNSON-CEDAR-SCOTT CO		PATCHING	1200	1200	1200	1200	1200	
80	1650	LOCAL RD OVER I-80 3.6 MILES WEST OF IA 149		BRIDGE DECK OVERLAY				160		
151	5800	STREAM 0.9 MILE SOUTH OF IA 220		BRIDGE REPLACEMENT	617					
151	5800	MILL RACE CREEK 0.4 MILE SOUTH OF IA 220		BRIDGE REPLACEMENT RIGHT OF WAY	886 3					

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(49) JACKSON										
52	2390	MISSISSIPPI RIVER AT SABULA - STATE SHARE		BRIDGE WASHING	20	20	20	20	20	
(50) JASPER										
80	8100	IA 14 OVER I-80 (NB)		BRIDGE REHABILITATION	1032					
80	8100	IA 14 OVER I-80 (SB)		BRIDGE REHABILITATION	1031					
80		WB REST AREA EAST OF CO RD T38		REST AREA IMPROVEMENT			3863			
117	8100	SOUTH SKUNK RIVER 0.7 MILE SOUTH OF I-80		BRIDGE DECK OVERLAY	613					
330	7300	CO RD F17 INTERSECTION	0.4	GRADE AND PAVE	930					
				LIGHTING	30					
				TRAFFIC SIGNS	25					
				RIGHT OF WAY	15					
(51) JEFFERSON										
34	5200	EAST OF BATAVIA TO EAST OF LOCKRIDGE AT VARIOUS LOCATIONS	21.4	PAVEMENT REHAB	3705					
(52) JOHNSON										
1	8800	I-80 TO SOLON	9.3	EROSION CONTROL	250					
1	5100	MILL CREEK 1.0 MILE NORTH OF SOLON		BRIDGE REPLACEMENT						250
80	30500	LOCAL RD 1.6 MILES EAST OF IOWA CO (EB)		BRIDGE DECK OVERLAY		219				
80	30500	LOCAL RD 1.6 MILES EAST OF IOWA CO (WB)		BRIDGE DECK OVERLAY		219				
80	50100	EAST OF I-380 IN CORALVILLE TO EAST OF IA 1 IN IOWA CITY	7.3	GRADE AND PAVE	5626	3920				
				LIGHTING		100				
				TRAFFIC SIGNALS		300				

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(52) JOHNSON										
80	6500	LOCAL RD 2.9 MILES EAST OF I-380		BRIDGE DECK OVERLAY			149			
80	15600	LOCAL ROAD 3.4 MILES WEST OF IA 1		BRIDGE DECK OVERLAY					331	
80	15800	EAST OF IOWA CITY TO CO RD X40	10.8	GUARDRAIL	715					
380	31200	I-80 TO WATERLOO		PATCHING	900	900	900	900	900	
380	26100	OVER I-80 (NB)		BRIDGE DECK OVERLAY	704					
380	26100	OVER I-80 (SB)		BRIDGE DECK OVERLAY	704					
380	32500	OVER US 6 0.8 MILE NORTH OF I-80 (NB)		BRIDGE DECK OVERLAY	524					
380	32500	OVER US 6 0.8 MILE NORTH OF I-80 (SB)		BRIDGE DECK OVERLAY	524					
(53) JONES										
151	8400	WAPSIPINICON RIVER 1.4 MILES SOUTH OF IA 64 (SB)		BRIDGE DECK OVERLAY		376				
151	8500	130TH ST NORTH OF ANAMOSA	0.3	GRADE AND PAVE	800					
(54) KEOKUK										
92	2700	SIGOURNEY TO WEST CHESTER	19.6	PAVEMENT REHAB	3880					
92	2700	BRIDGE CREEK 0.1 MILE WEST OF EAST JCT IA 149		BRIDGE DECK OVERLAY						266
(55) KOSSUTH										
15	480	BLACK CAT CREEK 2.9 MILES SOUTH OF CO RD A42		BRIDGE REPLACEMENT						744

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(56) LEE										
61		FORT MADISON BYPASS	9.0	PAVE	39452					
				LIGHTING	200					
				TRAFFIC SIGNS	235					
				EROSION CONTROL		1572				
				LANDSCAPING		720				
				PAVEMENT REHAB		3248				
61	7700	LOST CREEK 2.5 MILES SOUTH OF IA 16		RIP RAP	360					
136	13100	MISSISSIPPI RIVER IN KEOKUK - STATE SHARE		BRIDGE WASHING	30	30	30	30	30	
				BRIDGE REHABILITATION	50					
218	4656	BIG SUGAR CREEK NEAR IA 16 (SB)		BRIDGE DECK OVERLAY		306				
(57) LINN										
13	8500	NORTH OF COUNTY HOME RD TO NORTH OF CENTRAL CITY	8.1	PAVEMENT REHAB	5000					
13	8500	CC RR 0.5 MILE SOUTH OF CENTRAL CITY (NB)		BRIDGE DECK OVERLAY					268	
100	25280	COVINGTON RD TO EDGEWOOD RD IN CEDAR RAPIDS		RIGHT OF WAY		1747	1826			
				WETLAND MITIGATION		765				
100	25280	WEST OF COUNCIL ST TO 1ST AVE IN CEDAR RAPIDS STATE SHARE		RIGHT OF WAY		2253				
				GRADE AND PAVE			1380			
151	9900	UP RR IN FAIRFAX		BRIDGE REPLACEMENT						1780
151	9900	PRAIRIE CREEK IN FAIRFAX		BRIDGE REPLACEMENT						2133
151	10900	DITCH 0.6 MILES SOUTH OF US 30		BRIDGE REPLACEMENT					802	
151	14700	BIG CREEK 1.1 MILES NORTH OF US 30 IN CEDAR RAPIDS		BRIDGE DECK OVERLAY			236			



2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
(57) LINN									
151	14700	UP RR 1.3 MILES NORTH OF US 30 IN CEDAR RAPIDS		BRIDGE DECK OVERLAY			169		
380		NB REST AREA SOUTH OF CEDAR RAPIDS		REST AREA IMPROVEMENT	3129				
380	60600	CR&IC RR 0.7 MILE NORTH OF US 30 (NB)		BRIDGE REHABILITATION					310
380	60600	CR&IC RR 0.7 MILE NORTH OF US 30 (SB)		BRIDGE REHABILITATION					310
380	53800	CR&IC RR TO 1.4 MILES NORTH OF CO RD E34 (NB)	10.9	PAVEMENT REHAB			11165		
380	53800	CR&IC RR TO 1.4 MILES NORTH OF CO RD E34 (SB)	10.9	PAVEMENT REHAB			11165		
(58) LOUISA									
61	6360	IA 92 TO MUSCATINE CO	4.1	RIGHT OF WAY GRADE				3000	14500
92	4290	IOWA RIVER 1.0 MILE EAST OF IA 70		BRIDGE REHABILITATION		800			
92	2760	DRAINAGE DITCH # 25 5.5 MILES WEST OF US 61		BRIDGE DECK OVERLAY			239		
(59) LUCAS									
14	2010	ENGLISH CREEK 1.5 MILES NORTH OF CO RD S45		BRIDGE REPLACEMENT					905
34	2800	BNSF RR & UP RR IN CHARITON 0.4 MILE EAST OF IA 14		BRIDGE REHABILITATION	519				
(60) LYON									
9	2430	SOUTH DAKOTA TO LARCHWOOD	4.9	PAVEMENT REHAB	2397				
(62) MAHASKA									
63	4800	MIDDLE CREEK 2.9 MILES SOUTH OF NEW SHARON		BRIDGE DECK OVERLAY		252			

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
(62) MAHASKA									
92	1650	DITCH 0.4 MILE WEST OF IA 163		BRIDGE REPLACEMENT					800
(63) MARION									
14	3180	DES MOINES RIVER 1.2 MILES NORTH OF CO RD G40		BRIDGE REHABILITATION	1940				
(64) MARSHALL									
30	5120	STORY CO TO STATE CENTER	3.3	FENCING	300				
				EROSION CONTROL	150				
30	4920	STATE CENTER TO IA 330	7.3	EROSION CONTROL	400				
146	2600	STREAM 0.1 MILE SOUTH OF DUNBAR		BRIDGE REPLACEMENT					746
330	2630	SUMMIT RD TO ALBION	2.9	RIGHT OF WAY	535				
				CULVERT NEW		80			
				GRADE		1270			
				WETLAND MITIGATION		380			
				PAVE			5100		
(65) MILLS									
29	12600	1.0 MILE SOUTH OF SOUTH JCT US 34 TO NORTH OF MILLS CO REST AREA (NB)	7.1	PAVEMENT REHAB	7315				
29	11500	SOUTH JCT US 34 (NB)		BRIDGE REPLACEMENT	2765				
29	12100	PONY CREEK 0.7 MILE NORTH OF SOUTH JCT US 34 (NB)		BRIDGE REPLACEMENT	854				
29	12100	JESUP AVE 1.0 MILE NORTH OF SOUTH JCT US 34 (NB)		BRIDGE REPLACEMENT	705				
29	5200	NORTH JCT US 34		BRIDGE REPLACEMENT		2636	2755		
29		NB REST AREA NORTH OF US 34		REST AREA IMPROVEMENT					3150

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
(65) MILLS									
34		MISSOURI RIVER TO I-29 - STATE SHARE	4.9	CULVERT NEW	530				
				GRADE	9709				
				WETLAND MITIGATION	250				
				GRADE AND PAVE		9564			
				BRIDGE NEW		47373			
				PAVE			15410		
				LIGHTING			524		
				TRAFFIC SIGNS			786		
				EROSION CONTROL				821	
				PAVEMENT REHAB				3461	
34	5800	KEG CREEK 0.2 MILE EAST OF CO RD L35 (EB)		BRIDGE DECK OVERLAY					310
34	5800	KEG CREEK 0.2 MILE EAST OF CO RD L35 (WB)		BRIDGE DECK OVERLAY					310
(67) MONONA									
29	12900	CO RD F20 TO IA 175	17.1	EROSION CONTROL	375				
29	12200	CLEGHORN CREEK 4.4 MILES SOUTH OF IA 175 (NB)		BRIDGE REPLACEMENT	885				
29	12200	CLEGHORN CREEK 4.4 MILES SOUTH OF IA 175 (SB)		BRIDGE REPLACEMENT	884				
29	12800	IA 175 TO WOODBURY CO	14.3	EROSION CONTROL	375				
29	12800	OVER I-29 1.7 MILES NORTH OF IA 175		BRIDGE DECK OVERLAY					431
29	12800	LOCAL ROAD 4.6 MILES NORTH OF IA 175		BRIDGE REHABILITATION	793				
29	12800	LOCAL ROAD 1.3 MILES NORTH OF CO RD E34		BRIDGE REHABILITATION	766				
29	12900	ROBINSON DITCH 3.1 MILES SOUTH OF WOODBURY CO (NB)		BRIDGE REPLACEMENT	601				
29	12800	LOCAL ROAD 2.0 MILES SOUTH OF WOODBURY CO		BRIDGE REHABILITATION	831				

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(67) MONONA										
37	750	WILLOW RIVER 2.1 MILES WEST OF CRAWFORD CO		BRIDGE DECK OVERLAY			179			
141	2280	SIMMONS CREEK 0.8 MILE WEST OF IA 175		BRIDGE REPLACEMENT				1032		
183	580	STREAM 3.1 MILES SOUTH OF CO RD E54		BRIDGE REPLACEMENT						913
183	460	STREAM 1.1 MILES SOUTH OF IA 37		RIGHT OF WAY BRIDGE REPLACEMENT		15		1163		
183	470	IN UTE	0.3	PAVEMENT REHAB	94					
(70) MUSCATINE										
6	3910	WEST WAPSINONOC CREEK 3.8 MILES EAST OF JOHNSON CO		BRIDGE REPLACEMENT			990			
38	8200	MAD CREEK 0.6 MILE NORTH OF US 61		BRIDGE DECK OVERLAY						270
61	10400	MUSCATINE TO BLUE GRASS (NB)	14.0	PAVEMENT WIDENING	2200					
92	4150	MISSISSIPPI RIVER IN MUSCATINE - STATE SHARE		BRIDGE WASHING BRIDGE PAINTING	25	25	25	25		25 250
(71) O'BRIEN										
60	3770	SHELDON BYPASS	0.1	WETLAND MITIGATION	150					
(72) OSCEOLA										
60	3770	ASHTON BYPASS	0.1	WETLAND MITIGATION	75					
(74) PALO ALTO										
18	2660	WEST OF EMMETSBURG AT TWO LOCATIONS	0.3	GRADE AND PAVE WETLAND MITIGATION	819 130					

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(74) PALO ALTO										
18	2560	CYLINDER EAST 1.0 MILE	1.0	PAVEMENT REHAB	445					
(75) PLYMOUTH										
12	1650	DITCH 5.6 MILES SOUTH OF IA 3		BRIDGE REPLACEMENT		570				
75	8100	IN HINTON	0.5	PAVEMENT REHAB	550					
75	12000	DITCH 1.0 MILE NORTH OF CO RD C60 (NB)		BRIDGE REPLACEMENT	147					
75	12000	DITCH 1.0 MILE NORTH OF CO RD C60 (SB)		BRIDGE REPLACEMENT RIGHT OF WAY	147 7					
75	11700	DRY CREEK 1.7 MILES SOUTH OF MERRILL		BRIDGE REPLACEMENT	230					
75	11700	IN MERRILL	0.2	RIGHT OF WAY GRADE AND PAVE		1000		1700		
75	8600	FLOYD RIVER 0.4 MILE NORTH OF IA 3 (NB)		BRIDGE DECK OVERLAY	389					
(77) POLK										
6	20600	NORTH WALNUT CREEK 1.1 MILES WEST OF IA 28		BRIDGE DECK OVERLAY						250
6	27300	EUCLID AVE TO NCL IN DES MOINES - STATE SHARE	1.7	PAVEMENT REHAB	650					
6	13300	FOUR MILE CREEK 1.2 MILES EAST OF I-235		BRIDGE REPLACEMENT						2300
17	5700	NW 158TH ST TO SOUTH OF US 30	12.4	PAVEMENT REHAB	5400					
35	35700	POLK-STORY-HAMILTON CO		PATCHING	800	800	800	800	800	800

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
(77) POLK									
35	44600	WARREN CO TO I-80/I-235 IN WEST DES MOINES (NB & SB)	4.8	GRADE AND PAVE TRAFFIC SIGNS LIGHTING TRAFFIC SIGNALS	8069 500	8648 500		24583 250 125	26991 250 125 300
35	44500	IAIS RR IN WEST DES MOINES (SB)		BRIDGE REPLACEMENT	868			2924	
35	44500	IAIS RR IN WEST DES MOINES (NB)		BRIDGE REPLACEMENT	868				2362
35	44600	GRAND AVE IN WEST DES MOINES (SB)		RIGHT OF WAY BRIDGE REPLACEMENT	1000	700		4412	
35	44600	GRAND AVE IN WEST DES MOINES (NB)		BRIDGE REPLACEMENT					5645
35	45100	EP TRUE PKWY IN WEST DES MOINES (NB)		BRIDGE REPLACEMENT					6484
35	45100	EP TRUE PKWY IN WEST DES MOINES (SB)		BRIDGE REPLACEMENT				6484	
35	66600	EAST I-80 INTERCHANGE IN DES MOINES	0.5	EROSION CONTROL RIGHT OF WAY	366 1000				
35		REST AREA NORTH OF ANKENY (NB & SB) STATE SHARE		LIGHTING TRAFFIC SIGNS REST AREA IMPROVEMENT		50 50 10659			
35		NE 36TH ST INTERCHANGE IN ANKENY - STATE SHARE		GRADE BRIDGE NEW WETLAND MITIGATION	4000 4000 150				
65	20100	DES MOINES RIVER OVERFLOW SE OF DES MOINES		BRIDGE NEW RIGHT OF WAY		7625 1000			
69	34000	RR & SCOTT AVE 0.7 MILE SOUTH OF I-235 IN DES MOINES		BRIDGE REHABILITATION	553				

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
(77) POLK									
80	37600	POLK-JASPER-POWESHIEK CO		PATCHING	650	650	650	650	650
80	94400	DES MOINES RIVER 1.6 MILES EAST OF IA 28 (EB)		BRIDGE REHABILITATION					575
80	94400	DES MOINES RIVER 1.6 MILES EAST OF IA 28 (WB)		BRIDGE REHABILITATION					575
80	50900	US 65 INTERCHANGE		GRADE AND PAVE	1045		14300		22200
				TRAFFIC SIGNS	100		100		100
				BRIDGE REPLACEMENT	4320				1900
				LIGHTING	50				
				TRAFFIC SIGNALS	150				
80		EB REST AREA 2.0 MILES WEST OF MITCHELLVILLE		REST AREA IMPROVEMENT					3260
141	18000	BEAVER CREEK 2.6 MILES WEST OF IA 44 (EB)		BRIDGE DECK OVERLAY		435			
235	42000	EB OVER I-35 AT WEST JCT OF I-35/80 IN WEST DES MOINES		BRIDGE REHABILITATION					250
235	42000	WB OVER I-35 AT WEST JCT OF I-35/80 IN WEST DES MOINES		BRIDGE REHABILITATION					250
235	111000	IN DES MOINES	0.3	GRADE	320				
316	890	DES MOINES RIVER 3.9 MILES NORTH OF IA 5		RIGHT OF WAY	7				
				RIP RAP		350			
				WETLAND MITIGATION		350			
415	2560	SAYLORVILLE RESERVOIR		BRIDGE REHABILITATION			1340		
(78) POTTAWATTAMIE									
6	34600	BROADWAY ST VIADUCT IN COUNCIL BLUFFS	0.9	BRIDGE REPLACEMENT	7172				

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(78) POTTAWATTAMIE										
6	3580	KEG CREEK 5.9 MILES EAST OF COUNCIL BLUFFS		BRIDGE REPLACEMENT WETLAND MITIGATION	1500 15					
29	23500	MILLS CO TO IA 92 (NB)	4.4	GRADE AND PAVE				8412		
29	23500	MILLS CO TO IA 92 (SB)	4.4	PAVEMENT REHAB				2777		
80	21500	MISSOURI RIVER TO CASS CO		PATCHING	350	350	350	350	350	
80	72100	MISSOURI RIVER IN COUNCIL BLUFFS - STATE SHARE		BRIDGE WASHING	17	17	17	17	17	
80	82500	I-80/I-29/I-480 INTERSTATES IN COUNCIL BLUFFS	4.0	GRADE AND PAVE RIGHT OF WAY WETLAND MITIGATION TRAFFIC SIGNS BRIDGE NEW BRIDGE WIDENING LIGHTING BRIDGE REPLACEMENT TRAFFIC SIGNALS EROSION CONTROL	20085 13500 850 220 24781 4646 799	9264 4274	38246 1000 700	30510 25151	54172 1000	
						24393 114	10926	20306	15688	
							500		650	
80	21800	WEST NISHNABOTNA RIVER 0.8 MILE WEST OF US 59 (EB)		BRIDGE REPLACEMENT	2731					
80	21800	WEST NISHNABOTNA RIVER 0.8 MILE WEST OF US 59 (WB)		BRIDGE REPLACEMENT			2121			
92	4870	LITTLE SILVER CREEK 0.3 MILE WEST OF CO RD L55		BRIDGE REPLACEMENT						1056
480	58200	MISSOURI RIVER IN COUNCIL BLUFFS - STATE SHARE		BRIDGE WASHING	8	8	8	8	8	
680	8900	MISSOURI RIVER TO I-80		PATCHING	200	200	200	200	200	
680	18400	MISSOURI RIVER (WB) - STATE SHARE		BRIDGE WASHING	7	7	7	7	7	



2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(78) POTTAWATTAMIE										
680	18400	MISSOURI RIVER (EB) - STATE SHARE		BRIDGE WASHING	7	7	7	7	7	
680	6900	OLD BOYER RIVER CHANNEL 0.5 MILE EAST OF I-29 (EB)		BRIDGE DECK OVERLAY	238					
680	4900	AT 185TH ST 3.5 MILES EAST OF I-29 (EB)		BRIDGE REHABILITATION	667					
680	7400	OVER CO RD L34 (EB)		BRIDGE APPROACH REPAIR				50		
680	7400	OVER CO RD L34 (WB)		BRIDGE APPROACH REPAIR				50		
680	6700	IA 191 (EB)		BRIDGE DECK OVERLAY						355
(79) POWESHIEK										
80	29300	4.0 MILES EAST OF IA 146 TO 2.0 MILES EAST OF IOWA CO	22.0	GUARDRAIL	1430					
80	24900	WB OVER US 63		BRIDGE DECK OVERLAY	772					
(80) RINGGOLD										
2	1090	KELLERTON TO I-35	11.0	PAVEMENT REHAB	3619					
(81) SAC										
20		US 71 TO CO RD N14	11.7	BRIDGE NEW	12184	2200				
				CULVERT NEW	1421					
				GRADE	21727					
				PAVE			31004			
				LIGHTING			101			
				TRAFFIC SIGNS			120			
				EROSION CONTROL					1348	
				PAVEMENT REHAB					1474	

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(81) SAC										
20		CO RD N-14 TO CALHOUN CO	5.1	BRIDGE NEW WETLAND MITIGATION PAVE LIGHTING TRAFFIC SIGNS EROSION CONTROL PAVEMENT REHAB	2321 350	8776 71 84		700 1262		
71	1960	STREAM 1.7 MILES SOUTH OF LAKE VIEW		BRIDGE REPLACEMENT RIGHT OF WAY	731 15					
196	1100	RACCOON RIVER 1.1 MILES NORTH OF US 71		BRIDGE REPLACEMENT					1180	
196	1100	CEDAR CREEK 0.2 MILE SOUTH OF US 20		BRIDGE REPLACEMENT WETLAND MITIGATION					2363 130	
(82) SCOTT										
22	3400	WCL DAVENPORT TO US 61 AT VARIOUS LOCATIONS	3.3	PAVEMENT REHAB	200					
67	27200	MISSISSIPPI RIVER - STATE SHARE		BRIDGE WASHING	25	25	25	25	25	25
67	4450	BUDD CREEK 5.8 MILES NORTH OF I-80		BRIDGE DECK OVERLAY					248	
74	41400	IN BETTENDORF AND DAVENPORT	2.5	RIGHT OF WAY	2450	2622	3119	2680	2867	
74	41400	I-80 TO MISSISSIPPI RIVER	5.3	PATCHING	150	150	150	150	150	
74	1120	EAST 67TH ST IN DAVENPORT - STATE SHARE		RIGHT OF WAY BRIDGE REPLACEMENT	30	1369				

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(82) SCOTT										
74	27700	53RD ST INTERCHANGE IN DAVENPORT	0.2	GRADE AND PAVE BRIDGE WIDENING LIGHTING TRAFFIC SIGNALS TRAFFIC SIGNS RIGHT OF WAY	15656 1011 150 400 200 9					
74	70400	NB MISSISSIPPI RIVER - STATE SHARE		BRIDGE WASHING BRIDGE REHABILITATION	25 1820	25 4250	25	25	25	750
74	70400	SB MISSISSIPPI RIVER - STATE SHARE		BRIDGE WASHING BRIDGE REHABILITATION	25 1820	25 4250	25	25	25	750
80	650	OVER I-80 & US 6 9.0 MILES EAST OF IA 38		BRIDGE DECK OVERLAY						220
80	33500	CO RD Y30 TO MISSISSIPPI RIVER	26.0	GUARDRAIL	1690					
80	28800	I-280 TO 0.9 MILE WEST OF US 61 (EB)	3.8	PAVEMENT REHAB					4286	
80	28800	I-280 TO 0.9 MILE WEST OF US 61 (WB)	3.8	PAVEMENT REHAB					4286	
80	33500	MISSISSIPPI RIVER - STATE SHARE		BRIDGE WASHING BRIDGE PAINTING	25	25	25	25	25	1500
280	22800	I-80 TO 0.8 MILE SOUTH OF US 6 - EB	1.7	GRADE AND PAVE	3762					
280	22800	I-80 TO 0.8 MILE SOUTH OF US 6 - WB	1.7	GRADE AND PAVE	3762					
280	41400	I-80 TO MISSISSIPPI RIVER	8.5	PATCHING	150	150	150	150	150	
280	22800	0.8 MILE SOUTH OF US 6 TO MISSISSPPI RIVER - EB	7.3	GRADE AND PAVE		19438				
280	22800	0.8 MILE SOUTH OF US 6 TO MISSISSPPI RIVER - WB	7.3	GRADE AND PAVE						19939
280	21200	MISSISSIPPI RIVER - STATE SHARE		BRIDGE WASHING	20	20	20	20	20	

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(83) SHELBY										
37	710	MOSER CREEK 1.4 MILES WEST OF IA 191		BRIDGE REHABILITATION						545
(84) SIOUX										
12	1190	SIX MILE CREEK 2.0 MILES NORTH OF CO RD C12		RIGHT OF WAY BRIDGE REPLACEMENT		15		1491		
18	2520	STREAM 0.8 MILE WEST OF CO RD K30 IN ROCK VALLEY		RIGHT OF WAY GRADE AND PAVE BRIDGE REPLACEMENT		27		910 269		
18	2620	ROCK VALLEY TO US 75	5.9	PAVEMENT REHAB	1277					
75	3080	WEST FORK FLOYD RIVER 2.8 MILES SOUTH OF CO RD B58		BRIDGE DECK OVERLAY						296
75	3080	WEST FORK FLOYD RIVER 2.3 MILES SOUTH OF CO RD B58		BRIDGE DECK OVERLAY						296
75	2160	BURR OAK CREEK 3.1 MILES NORTH OF NORTH JCT US 18		BRIDGE REPLACEMENT RIGHT OF WAY	953 15					
(85) STORY										
		STATEWIDE INTERSTATE LIGHTING		LIGHTING	500	500	500	500	500	
		STATEWIDE INTERSTATE SIGNING		TRAFFIC SIGNS	1000	1000	1000	1000	1000	
		STATEWIDE SCOUR CRITICAL COUNTERMEASURES		RIP RAP	500	550	1200	1000		
		STATEWIDE INTERSTATE REST AREA MAINTENANCE		REST AREA IMPROVEMENT	500	500	500	500	500	
		STATEWIDE BRIDGE REPAIRS		BRIDGE REHABILITATION	1500	500	500	500	500	

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(85) STORY										
		STATEWIDE CENTERLINE RUMBLE STRIPS		PAVEMENT REHAB	300					
30	13600	GRANT CREEK 2.8 MILES EAST OF I-35 (EB)		BRIDGE DECK OVERLAY						140
30	13600	UP RR 0.2 MILE WEST OF CO RD S14 IN NEVADA (EB)		BRIDGE DECK OVERLAY		200				
30	13600	UP RR 0.1 MILE WEST OF CO RD S14 IN NEVADA (WB)		BRIDGE DECK OVERLAY		200				
30	5910	COLO TO MARSHALL CO	4.2	FENCING EROSION CONTROL	150 250					
35	35300	SOUTH SKUNK RIVER 2.6 MILES SOUTH OF US 30 (NB)		BRIDGE DECK OVERLAY						400
35	3480	CO RD E18 AT ROLAND EXIT		BRIDGE DECK OVERLAY					210	
(86) TAMA										
8	1780	TRAER TO DYSART	7.9	PAVEMENT REHAB	3554					
30		TAMA BYPASS	7.5	PAVEMENT REHAB BRIDGE REPLACEMENT EROSION CONTROL	1317 1833 900					
30	5800	ABANDONED RR 3.5 MILES EAST OF TAMA		BRIDGE REMOVAL				1000		
63	1780	IN TRAER	1.3	PATCHING	100					
(87) TAYLOR										
148	890	MIDDLE BRANCH WEST RIVER 2.8 MILES SOUTH OF CO RD J20		BRIDGE REPLACEMENT					700	
(89) VAN BUREN										
2	1660	BIG INDIAN CREEK 0.8 MILE WEST OF IA 1		BRIDGE DECK OVERLAY						375

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
(89) VAN BUREN									
16	1060	LITTLE CEDAR CREEK 1.6 MILES EAST OF CO RD W30		BRIDGE REPLACEMENT					700
98	1320	DES MOINES RIVER 1.5 MILES SOUTH OF IA 16		BRIDGE REPLACEMENT				4264	
(90) WAPELLO									
34	12900	DES MOINES RIVER 0.2 MILE EAST OF US 63 IN OTTUMWA (EB)		BRIDGE REPLACEMENT			4175		
34	12900	DES MOINES RIVER 0.2 MILE EAST OF US 63 IN OTTUMWA (WB)		BRIDGE REPLACEMENT		4175			
34	5900	BATAVIA BYPASS		WETLAND MITIGATION	100				
63	5100	LITTLE SOAP CREEK 1.9 MILES NORTH OF DAVIS CO		BRIDGE DECK OVERLAY				350	
137	4970	EDDYVILLE BYPASS		WETLAND MITIGATION	80				
(91) WARREN									
5	7980	ARCHER MITIGATION SITE		WETLAND MITIGATION		150			
35	16800	SOUTH RIVER 1.5 MILES SOUTH OF CO RD G64 (NB)		BRIDGE REPLACEMENT	2119				
35	16800	SOUTH RIVER 1.5 MILES SOUTH OF CO RD G64 (SB)		BRIDGE REPLACEMENT	1766				
35	18900	MIDDLE RIVER 0.4 MILE SOUTH OF IA 92 (SB)		GRADE AND PAVE BRIDGE REPLACEMENT		3135 1986			
35	18900	MIDDLE RIVER 0.4 MILE SOUTH OF IA 92 (NB)		BRIDGE REPLACEMENT			2075		
35	4790	IA 92 OVER I-35 (EB)		RIGHT OF WAY BRIDGE REPLACEMENT	20	10	1043		
35	4790	IA 92 OVER I-35 (WB)		BRIDGE REPLACEMENT		1042			

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(91) WARREN										
35	21300	NORTH RIVER 3.8 MILES NORTH OF IA 92 (NB)		BRIDGE REPLACEMENT			2025			
35	21300	NORTH RIVER 3.8 MILES NORTH OF IA 92 (SB)		WETLAND MITIGATION	1130					
				GRADE AND PAVE		2075				
				BRIDGE REPLACEMENT		1938				
				RIGHT OF WAY		15				
35	21300	BADGER CREEK 3.8 MILES SOUTH OF POLK CO (SB)		BRIDGE REPLACEMENT					3750	
35	23700	CO RD G14 TO IA 5	3.8	WETLAND MITIGATION	400		350			
				RIGHT OF WAY	900		50			
				GRADE AND PAVE			15811			
				BRIDGE REPLACEMENT			2420			
				LIGHTING			62			
				TRAFFIC SIGNS			75			
65	5600	SOUTH RIVER OVERFLOW 1.7 MILES SOUTH OF IA 92		BRIDGE REPLACEMENT	537					
				WETLAND MITIGATION	75					
65	19700	SCOTCH RIDGE RD 2.5 MILES SOUTH OF IA 5		GRADE AND PAVE			1388			
65	19600	NORTH RIVER 1.1 MILES NORTH OF CO RD G16 (SB)		BRIDGE REPLACEMENT					2935	
92	4900	CO RD R57 TO R ST IN INDIANOLA - STATE SHARE	3.0	RIGHT OF WAY		1400				
				GRADE AND PAVE			9900			
(92) WASHINGTON										
22	6100	DITCH 0.3 MILE EAST OF IA 1		BRIDGE REPLACEMENT						1260
92	2150	WEST BRANCH CROOKED CREEK 2.6 MILES WEST OF WEST JCT IA 1		BRIDGE REPLACEMENT	1441					
				WETLAND MITIGATION	75					
				RIGHT OF WAY	15					
92	3810	SOUTH LONG CREEK 4.3 MILES WEST OF US 218		BRIDGE DECK OVERLAY						235

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
(92) WASHINGTON									
218	7500	CROOKED CREEK 1.1 MILES NORTH OF HENRY CO (SB)		BRIDGE REPLACEMENT					1472
218	9900	160TH ST TO NORTH OF IA 22 (SB)	4.7	PAVEMENT REHAB	1505				
(94) WEBSTER									
20		CALHOUN CO TO MOORLAND	6.5	PAVEMENT REHAB EROSION CONTROL	1041 900				
169	9100	BUSINESS US 20 TO IA 7 (SB)	2.5	PAVEMENT REHAB	3011				
169	7300	IA 926 (2ND AVE SOUTH) IN FORT DODGE (SB)		BRIDGE REPLACEMENT	1284				
169	9000	CC RR 0.5 MILE SOUTH OF IA 7 (SB)		BRIDGE REPLACEMENT	1036				
169	9000	LIZARD CREEK 0.3 MILE SOUTH OF IA 7 (SB)		BRIDGE REPLACEMENT	2181				
169	6000	FORT DODGE TO HUMBOLDT CO	8.9	EROSION CONTROL		425			
175	1560	EAST JCT US 169 TO 1.7 MILES WEST OF DES MOINES RIVER - STATE SHARE	5.4	PAVEMENT REHAB	1517				
(96) WINNESHIEK									
24	2070	LITTLE TURKEY RIVER 2.1 MILES WEST OF CO RD V68		BRIDGE REPLACEMENT RIGHT OF WAY		1275 15			
139	910	IA 9 TO MINNESOTA BORDER	11.2	PAVEMENT WIDENING	1300				
(97) WOODBURY									
20	1990	EAST OF MOVILLE TO CORRECTIONVILLE ADD 2 LANES	11.5	RIGHT OF WAY BRIDGE NEW CULVERT NEW GRADE		5100		1465 311	32783



2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(97) WOODBURY										
29	2290	CO RD D51 OVER I-29 8.2 MILES NORTH OF IA 141		RIGHT OF WAY GRADE AND PAVE BRIDGE REPLACEMENT LIGHTING TRAFFIC SIGNS EROSION CONTROL		2				
							6798			
							2049			
							45			
							65			
									250	
29	37500	RECONSTRUCTION IN SIOUX CITY	12.0	GRADE AND PAVE TRAFFIC SIGNS EROSION CONTROL RIGHT OF WAY	24280 382	46949	28908	68514	82113	
						342				
							6890	9458		
31	1160	3.4 MILES NORTH OF IA 141		CULVERT EXTENSION RIGHT OF WAY	81 15					
75	13900	STONE AVE IN SIOUX CITY	0.2	GRADE AND PAVE	71					
77	29200	MISSOURI RIVER IN SIOUX CITY - STATE SHARE		BRIDGE WASHING BRIDGE PAINTING	24	24	24	24	24	24
								750		
129	19900	MISSOURI RIVER IN SIOUX CITY - STATE SHARE		BRIDGE WASHING BRIDGE PAINTING	32	32	32	32	32	32
										500
141	2290	EAST OF HORNICK TO SMITHLAND	6.0	PAVEMENT REHAB	2250					
141	2380	SMOKEY HOLLOW CREEK 0.2 MILE EAST OF IA 31		BRIDGE DECK OVERLAY			188			
376	10800	FLOYD RIVER 1.1 MILES SOUTH OF CO RD D12		BRIDGE DECK OVERLAY						784
376	7300	RR & TAFT ST 0.1 MILE SOUTH OF CO RD D12 (NB)		BRIDGE REPLACEMENT						3312
(98) WORTH										
35	16900	1.5 MILES NORTH OF IA 9 TO 1.0 MILE SOUTH OF NORTHWOOD (NB & SB)	8.3	PAVEMENT REHAB			13587			

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
					2011	2012	2013	2014	2015	
(98) WORTH										
35	16900	2.5 MILES NORTH OF NORTHWOOD TO MINNESOTA (NB)	2.0	PAVEMENT REHAB			2467			
35	16900	2.5 MILES NORTH OF NORTHWOOD TO MINNESOTA (SB)	2.0	PAVEMENT REHAB			2468			
(99) WRIGHT										
35	16900	WRIGHT-FRANKLIN-CERRO GORDO-WORTH CO		PATCHING	550	550	550	550	550	
69	2590	IOWA RIVER 5.3 MILES NORTH OF IA 3		RIGHT OF WAY BRIDGE REPLACEMENT WETLAND MITIGATION		15	2807			75

2011 - 2015 IOWA HIGHWAY PROGRAM

RTE	ADT	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
					2011	2012	2013	2014	2015
		(00) 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		74700	75100	90000	90000
		STATEWIDE SAFETY PROJECTS		PAVE		9612	10912	15000	15000
		POST LETTING PROJECT COST		MISCELLANEOUS	20000	20000	20000	20000	20000
		AMERICAN DISABILITY ACT		MISCELLANEOUS		2000	2000	2000	2000
		STATEWIDE CONSULTANT SERVICES		OUTSIDE SERV. ENGINEER	32500	32500	32500	32500	32500
		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	18000	18000	18000	18000	18000
		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 AND DBE SUPPORT SERVICES		MISCELLANEOUS	300	300	300	300	300