

# 2018-2022 IOWA TRANSPORTATION IMPROVEMENT PROGRAM



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Dear Iowans:

Transportation powers the creation of wealth in our nation and state unleashing opportunity for economic activity. Iowa's economy is dependent on a robust and diverse transportation system to move products to a global marketplace. Iowa's transportation system has long provided our state's businesses a competitive advantage and that remains true today in the global economy. In addition, transportation is critical to the personal mobility that helps individuals support themselves, meet their needs, and lead active, vital, and fulfilling lives.

The Iowa Transportation Improvement Program (Program) represents a major commitment to the Iowa DOT's mission of safe mobility – of getting you there safely, efficiently and conveniently. It is published to inform you of planned investments to support our state's multimodal transportation system including aviation, public transit, railroads, trails, rivers, and highways. A major component of the Program is the highway program, and the Iowa Transportation Commission (Commission) continues to advance investment of funding to improve state roads and bridges in the highway program.

These advances are possible due to additional revenue authorized by Senate File 257 and signed into law by Governor Terry E. Branstad on February 25, 2015. As directed by the legislation, 100 percent of the additional revenue allocated to the Iowa Department of Transportation (DOT) will be spent on road and bridge projects that are critical to maintaining Iowa's transportation infrastructure and create opportunities for expanded economic activity. A list of projects able to be funded due to Senate File 257 is included following the highway section of the Program.

In the FY 2018-2022 highway program, approximately \$3.5 billion is forecast to be available for highway right of way and construction. In developing the highway program, the Commission's primary investment objective remains stewardship (i.e. safety, maintenance and modernization) of Iowa's existing highway system. Over \$1.7 billion is programmed in FY 2018 through FY 2022 for modernization of Iowa's existing highway system and for enhanced highway safety features. In addition, the Commission was able to add construction for four-lane improvements to U.S. 61 in Des Moines and Louisa Counties from north of Mediapolis to one mile north of Iowa 78. Several significant one or two year projects have also been added to the highway program that address safety and condition needs. The Commission remains committed to previous highway programming actions by maintaining the schedules of all large multiyear corridor improvement projects.

The Commission and Iowa DOT continue to recognize the critical importance of an effective and efficient interstate highway system. The interstate highways connect all transportation systems in Iowa and allow major freight movements to occur delivering Iowa products to world marketplaces. The highway section includes significant interstate investments on I-29 in Sioux City, the I-74

Mississippi River Bridge replacement in Bettendorf, and the I-80/I-29 system in Council Bluffs. Along with these important interstate projects, the Commission has also increased yearly investments in interstate stewardship improvements across the state.

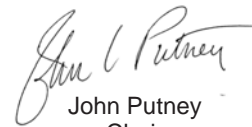
A large part of funding available for highway programming comes from the federal government. Accurately estimating future federal funding levels requires a multiyear federal transportation authorization bill. The current authorization, Fixing America's Surface Transportation (FAST) Act, was signed into law on December 4, 2015. For the first time in many years, this authorization bill provides federal funding certainty for most of the time period covered by the Program. The Commission will travel to Washington, D.C. later this year to visit with Iowa's Congressional delegation about the importance of federal investment in our transportation system to connect Iowa and Iowa products with the rest of the nation and the world.

The Commission and Iowa DOT appreciate the public's involvement in the state's transportation planning process. Comments received personally, by letter, e-mail 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 website at [iowadot.gov](http://iowadot.gov) for additional and regular updates about the department's programs and activities.

Respectfully,



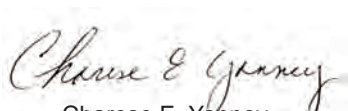
John Putney  
Chair  
Gladbrook



Mark Lowe  
Director  
Iowa Department of Transportation



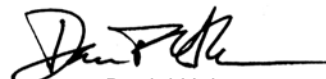
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Des Moines



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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.

Fiscal Year (FY) in this document refers to the state fiscal year from July 1 to June 30, unless otherwise noted.

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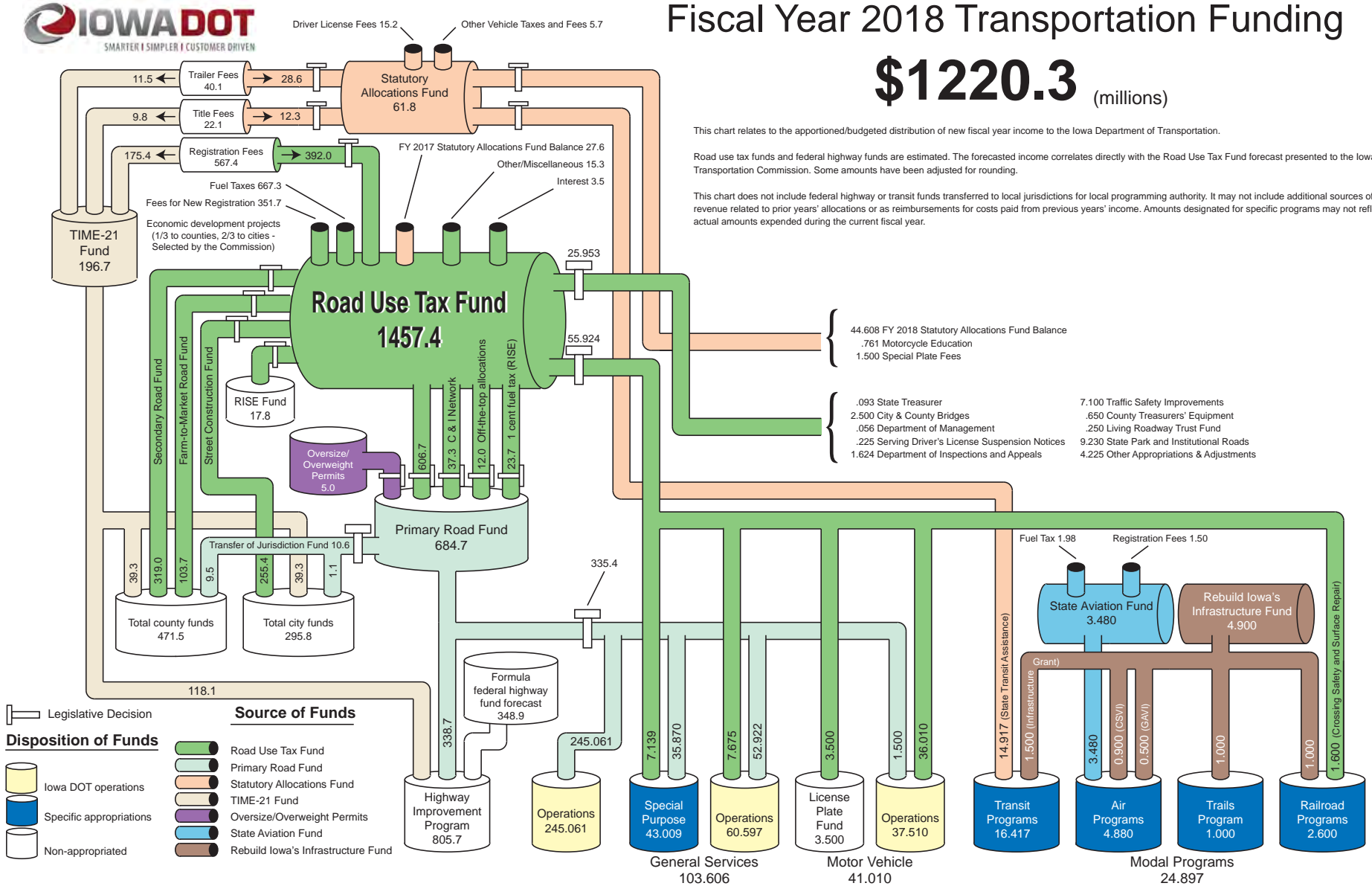
# Fiscal Year 2018 Transportation Funding

## \$1220.3 (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 federal highway or transit funds 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 maintains and develops Iowa's air transportation system through advocacy, planning, technical assistance, and the administration of state and federal funding programs.

Additional Office of Aviation functions include annual certification of public-use general aviation airports, administration of the aircraft registration program, production of a statewide airport directory and aeronautical chart, and the development of various educational and safety programs.

Each year, the Iowa Transportation Commission approves annual funding allocations for the State Aviation Program. Components of the program include:

**Airport Improvement Program (AIP)** - funds aviation safety programs and aviation planning and development projects.

**Aviation Safety Programs** include Immediate Safety Enhancements 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.

**Aviation Planning and Development** includes airfield and security projects at public-owned airports, airport land-use planning, required match for federally-funded statewide studies, and air service development funds for commercial service airports. The percentage of local match required for projects varies, depending on the type of project.

*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.*

**Automated Weather Observing System (AWOS)** - provides a network of aviation weather reporting stations at 43 airports throughout the state, providing essential real-time weather information to pilots.

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

**Runway Marking Program** - funds safety critical runway, taxiway, and apron markings that provide key operational information to pilots on the ground and from the air. Markings include runway numbers, touchdown markings, hold lines, and center lines. Airport marking projects are identified by the Iowa DOT and are conducted annually based on need and available funding.

**Windsocks** - supplied to public-use airports and hospital heliports to provide important visual information for 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.

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

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

*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 AIP** funding is available to airports that are part of the National Plan of Integrated Airports System. Administered by the Federal Aviation Administration (FAA), the AIP 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 federal funding.

Iowa is a channeling state, which means that general aviation airports that are eligible for federal funds and small commercial service airports with fewer than 10,000 annual passenger boardings are required to submit pre-applications for the AIP to the Iowa DOT's Office of Aviation. Pre-applications are submitted in January, and forwarded to the FAA in February after the Transportation 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, visit the Iowa DOT's Office of Aviation website at [www.iowadot.gov/aviation](http://www.iowadot.gov/aviation), or by calling 515-239-1691.

## Aviation Funding Summary

<b>Program</b>	<b>Federal</b>	<b>State</b>	<b>Other</b>	<b>Total</b>
Airport Improvement Program (FY 2017)	\$ 0	\$ 4,053,090	\$ 1,689,096	\$ 5,742,186
Commercial Service Vertical Infrastructure (FY 2017)	\$ 0	\$ 1,500,000	\$ 43,644,544	\$ 45,144,544
General Aviation Vertical Infrastructure (FY 2017)	\$ 0	\$ 750,828	\$ 1,631,229	\$ 2,382,057
Federal Aviation Administration Nonprimary (FY 2017 estimate)	\$ 26,158,571	\$ 0	\$ 2,615,857	\$ 28,774,428
<b>TOTALS</b>	<b>\$ 26,158,571</b>	<b>\$ 6,303,918</b>	<b>\$ 49,580,726</b>	<b>\$ 82,043,215</b>

**Aviation Program  
Fiscal Year 2017**

<b>Commercial Service Vertical Infrastructure (CSVI) Projects</b>	<b>\$ 1,500,000</b>
<b>General Aviation Vertical Infrastructure (GAVI) Projects</b>	<b>\$ 750,828</b>
<b>Airport Improvement Program</b>	<b>\$ 4,053,090</b>
<b>Aviation Safety</b>	<b>\$ 465,814</b>
<ul style="list-style-type: none"><li>• AWOS maintenance and data link</li><li>• Runway marking</li><li>• Immediate safety enhancements</li><li>• Obstruction mitigation</li><li>• Wildlife mitigation</li><li>• Windsocks</li><li>• Education and outreach</li></ul>	
<b>Aviation Planning and Development</b>	<b>\$ 3,587,276</b>
<ul style="list-style-type: none"><li>• Airport development projects</li><li>• Air service development</li><li>• Statewide planning and research</li></ul>	
<b>TOTAL</b>	<b>\$ 6,303,918</b>

**Commercial Service Vertical Infrastructure (CSVI) Program  
Fiscal Year 2017**

<b>Airport</b>	<b>Type of Improvement</b>	<b>Total Project Cost</b>	<b>State Share</b>
Des Moines	FBO Facility Construction/ Relocation	\$ 16,471,000	
Des Moines	T-hangar Facilities	\$ 3,619,000	\$ 579,267
Dubuque	Terminal and Storage Hangar	\$ 8,000,000	\$ 105,672
Fort Dodge	Hangar Development	\$ 100,000	
Fort Dodge	Flight Service Station Reconfiguration	\$ 100,000	
Fort Dodge	Rehabilitate Hangar F Roofing	\$ 22,000	\$ 93,901
Mason City	Replace Terminal Chiller Phase Two	\$ 192,500	\$ 94,005
Sioux City	Rehabilitate and Build Hangars	\$ 104,244	\$ 104,244
Southeast Iowa	Complete Hangars and Improve Terminal Area Infrastructure	\$ 101,000	\$ 95,967
Eastern Iowa	Terminal Modernization Phase Three	\$ 16,330,000	\$ 325,246
Waterloo	General Aviation Terminal Building Rehabilitation and Hangar Five Rehab	\$ 104,800	\$ 101,699
<b>TOTAL</b>		<b>\$ 45,144,544</b>	<b>\$ 1,500,000</b>

**General Aviation Vertical Infrastructure (GAVI) Program  
Fiscal Year 2017**

<b>Airport</b>	<b>Type of Improvement</b>	<b>Total Project Cost</b>	<b>State Share</b>
Cherokee County	Eight Unit T-Hangar	\$ 320,292	\$ 150,000
Clinton	Airport Fuel System	\$ 391,140	\$ 141,140
Davenport	Rehabilitate Hangar 8990	\$ 65,000	\$ 32,500
Denison	Hangar Upgrades	\$ 10,000	\$ 7,000
George L Scott Airport	Replace T-Hangar Roof	\$ 27,500	\$ 16,500
Iowa City	North T-Hangar Restroom	\$ 80,125	\$ 56,088
Northeast Iowa Airport	Hangar Development	\$ 300,000	\$ 150,000
Sioux County	Terminal Building	\$ 1,120,000	\$ 150,000
Spencer	Hangar Rehabilitation - Replace Roof, Sill, Repaint	\$ 68,000	\$ 47,600
<b>TOTAL</b>		<b>\$ 2,382,057</b>	<b>\$ 750,828</b>

**Airport Development Projects  
Fiscal Year 2017**

<b>Airport</b>	<b>Type of Improvement</b>	<b>Total Project Cost</b>	<b>State Cost</b>
Ankeny	South Apron Grading and Paving-Phase One	\$ 525,000	\$ 236,250
Cherokee County	Approach Paving for Hangar Construction	\$ 159,708	\$ 79,854
Davenport	Harrison Street Security Fence Installation	\$ 40,000	\$ 20,000
Des Moines	GA Roadway Connector to Apron	\$ 184,000	\$ 128,800
Forest City	Install Ramp Lighting	\$ 57,000	\$ 45,600
Grinnell	Fuel System Improvement	\$ 325,000	\$ 260,000
Ida Grove	Runway Rehabilitation	\$ 49,000	\$ 36,750
Independence	Taxilane Widening	\$ 82,035	\$ 69,729
Iowa City	Taxilane Extension	\$ 114,550	\$ 80,185
Lamoni	Hangar-Taxiway Paving, Apron Paving, Site Work	\$ 157,000	\$ 78,500
Lamoni	Develop Land Use Plan and Zoning Regulation	\$ 26,000	\$ 22,100
Marion	Runway 17/35 Reconstruction - Design Only	\$ 75,000	\$ 63,750
Mount Ayr	Resurface Runway 17/35 - Overlay	\$ 178,200	\$ 133,650
Muscatine	T-Hangar Design and Apron Expansion	\$ 249,970	\$ 212,474
New Hampton	Rehabilitate Airfield Pavement	\$ 472,374	\$ 352,374
Newton	Relocate and Replace Fueling System	\$ 370,000	\$ 296,000
Northeast Iowa	Approach Paving for Hangar Construction	\$ 54,000	\$ 45,900
Ottumwa	Install 12000 Gal Jet A tank and fuel cabinet	\$ 286,175	\$ 243,248
Sioux County	Fuel Facility - Design Only	\$ 359,100	\$ 30,000
Sioux County	Terminal Area Utilities Phase Two	\$ 63,000	\$ 53,550
Sioux City	Air field Fencing, Lighting, and stormwater drainage	\$ 400,000	\$ 200,000
South Central	Land Use Plan and Height Ordinance	\$ 23,660	\$ 16,562
Southeast Iowa	Airfield Electrical Improvements	\$ 50,000	\$ 42,500
Eastern Iowa Airport	General Aviation Fuel System	\$ 357,100	\$ 267,825
Vinton	Fuel System Improvement	\$ 100,000	\$ 85,000
Winterset	Remove Obstructions/RSA Grading	\$ 205,500	\$ 174,675
<b>TOTAL</b>		<b>\$ 4,963,372</b>	<b>\$ 3,275,276</b>

# Public-Owned Airports

 SIOUX FALLS

 ROCHESTER

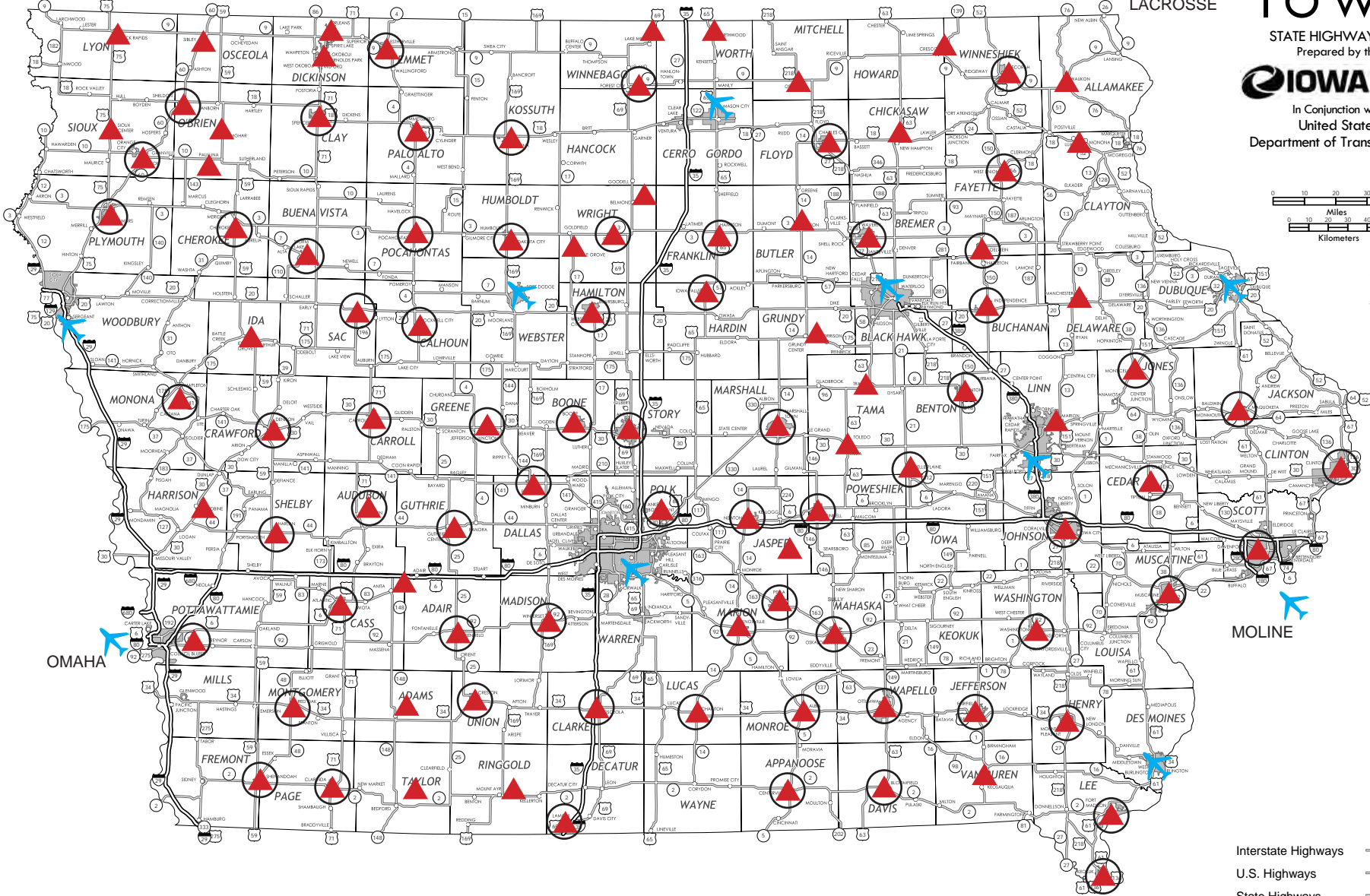
 LACROSSE

IOWA

STATE HIGHWAY MAP  
Prepared by the









In Conjunction with  
United States  
Department of Transportation



OMAHA

MOLINE

- Interstate Highways 
- U.S. Highways 
- State Highways 

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







# **Transit Program**



# Transit Program

The Iowa DOT's Office of Public Transit promotes a public transportation system to meet 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, 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 dedicates four percent of the fees for new registration collected on sales of motor vehicle and accessory equipment to support public transportation. Most of the money is distributed by a formula based on each transit system's performance during the previous year in terms of ride, 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 FY 2018 are projected to be \$14,917,000.

**Public Transit Infrastructure Grant Program** – This program is based on an annual appropriation. It is typically at or close to \$1.5 million. 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 projects costs derived from local sources.

**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 (ADA) or the Clean Air Act, or 85 percent for purchase of rolling stock equipped with such features. When used for planning, the FTA participation is limited to 80 percent.

- *Section 5305(d) "Metropolitan 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 5305(e) "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 nonurbanized 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 199,999 are apportioned to the state on the basis of the collective population and population density of the urbanized areas along with a factor for low-income populations. The department suballocates them using the same formula. In areas with a population of 200,000 or more, the FTA directs allocations, using the same formula, plus additional performance-based factors. Funds may be used to support transit capital, maintenance, planning and job access reverse commute activities in all urbanized areas, and general operations in areas under 200,000 population. Operating costs are allowed, up to certain limits, for areas over 199,999 in population.
- *Section 5339 "Bus and Bus Facilities Formula Grants"* - These FTA funds are apportioned to Iowa based on a statutory formula or may be awarded through a FTA grant-making process. They may be used only for capital projects to replace, rehabilitate and purchase revenue vehicles, related equipment and construct bus-related facilities. Match for FTA funds must be from non-federal sources.
- *Section 5310 "Enhanced Mobility of Seniors and Individuals with Disabilities Program"* - These FTA funds come to Iowa on the basis of the number of seniors and individuals with disabilities within the state compared to other states. Not less than 55 percent of these funds can be used to support the capital costs (including costs of contracted services) of transit services that predominantly serve seniors or individuals with disabilities. The remaining 45 percent may be used for projects that exceed ADA requirements; improved access to fixed-route service and decrease reliance by individuals with disabilities on complementary paratransit; or alternatives to public transportation that assist seniors and individuals with disabilities. In Iowa, areas with a population of more than 200,000 receive direct apportionments. The State administers all funding for areas under 200,000 in population. Match for the FTA funding may come from non-DOT federal funds, as well as from non-federal sources.
- *Section 5311 "Formula Grants for Rural Areas Program"* - These FTA funds come to Iowa on the basis of the number of Iowans who live outside urbanized areas, non-urbanized land area and low-income populations, compared to other states. The funds may be used to support the cost of transit operations or capital, planning or job access reverse commute activities in non-urbanized areas where the population is less than 50,000.

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.

**Federal Flexible Transportation Funding** - These federal funds may be “flexed” to fund public transit, 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 Block Grant (STBG)*: 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* – 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 STBG 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.

- *Congestion Mitigation and Air Quality Improvement Program* – This is a state program which commits federal funds toward the backlog of transit revenue vehicle replacement. This program allows “flexing” of funds to transit. 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 STBG funds can be used for. Federal participation is limited to 80 percent and match must be from non-federal sources. The funds are programmed based on the Public Transit Management System process that selects projects based on their useful life thresholds of miles and age. These funds are transferred to the FTA and administered through statewide grants 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. In FFY 2017, the Iowa Transportation Commission allocated \$3.0 million annually toward bus replacement projects.

For additional information, visit the Iowa DOT’s Office of Public Transit website at [www.iowadot.gov/transit](http://www.iowadot.gov/transit), or by calling 515-233-7870.

### Public Transit Funding Summary

Program	Federal	State	Other	Total
State Transit Assistance (FY 2018)	\$ 0	\$ 14,917,000	\$ 0	\$ 14,917,000
Public Transit Infrastructure Grant Program (FY 2017)	\$ 400,000	\$ 1,531,332	\$ 5,910,802	\$ 7,842,134
Intercity Bus Assistance Program (CY 2017)	\$ 1,870,861	\$ 0	\$ 4,940,386	\$ 6,811,247
Iowa’s Clean Air Attainment Program (FY 2017)	\$ 1,073,219	\$ 0	\$ 268,305	\$ 1,341,524
Surface Transportation Program (FY 2017)	\$ 1,258,348	\$ 0	\$ 315,088	\$ 1,573,436
Federal Transit Administration (FTA) Formula Fund Allocations (FY 2017)	\$ 34,576,541	\$ 0	\$ 10,246,744	\$ 44,823,285
FTA Bus and Bus Facilities Fund Allocations (FY 2017)	\$ 2,678,255	\$ 0	\$ 472,633	\$ 3,150,888
<b>TOTALS</b>	<b>\$ 41,857,224</b>	<b>\$ 16,448,332</b>	<b>\$ 22,153,958</b>	<b>\$ 80,459,514</b>

**Public Transit Infrastructure Grant Program  
Fiscal Year 2017**

<b>Applicant</b>	<b>Project Description</b>	<b>State Infrastructure Funding</b>
Dubuque	Phase II construction of bus storage facility	\$ 569,823
Region 12	Replace seven overhead doors	\$ 16,000
Ames	Reconstruct original 1983 section of roof	\$ 320,000
Region 10	Construction of new bus facility in Monticello	\$ 225,509
Region 15	Purchase of building for transit facility	<u>\$ 400,000</u>
<b>TOTAL</b>		<b>\$ 1,531,332</b>

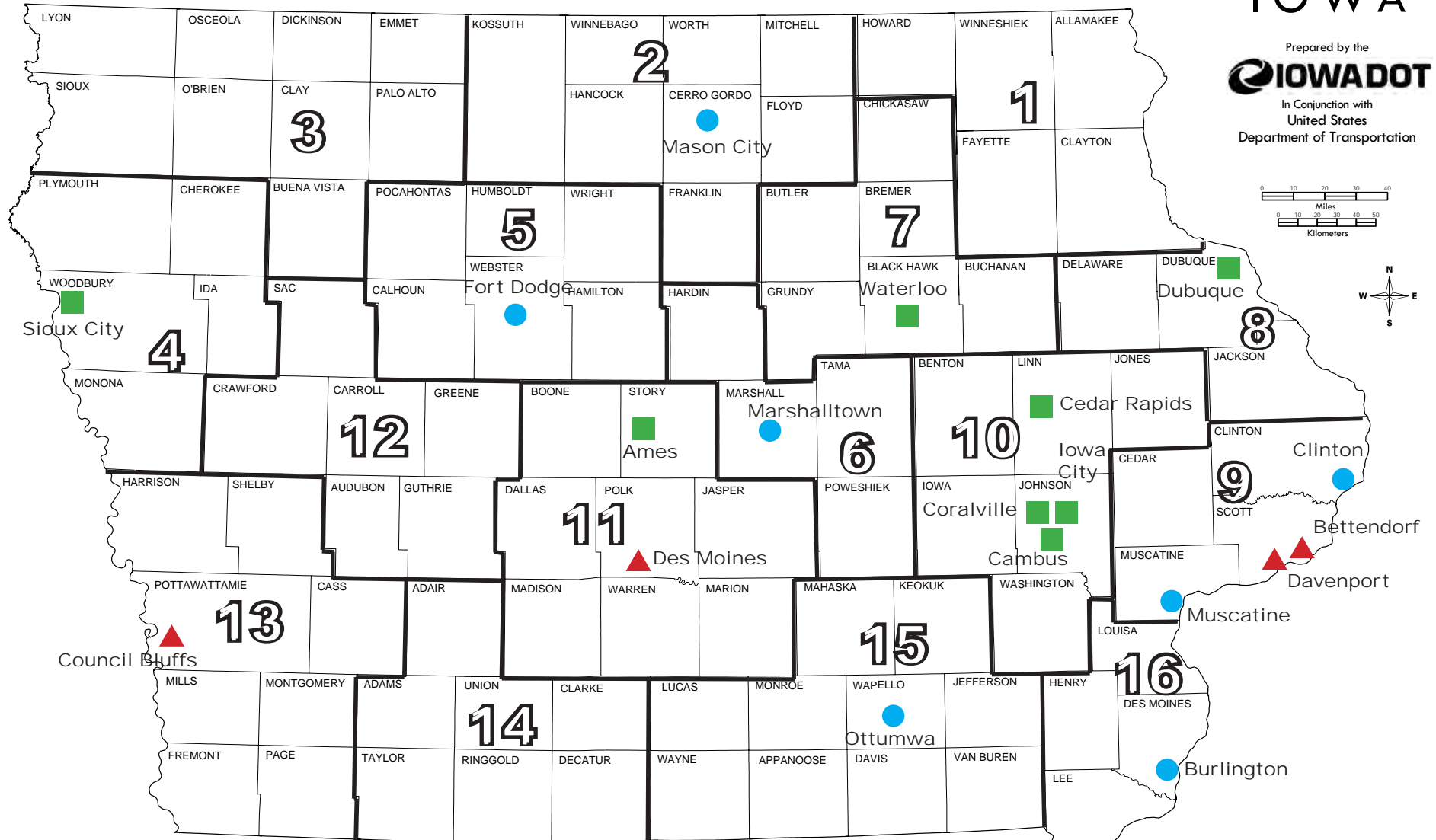
**Intercity Bus Assistance Program  
Calendar Year 2017**

<b>Transit System</b>	<b>Type</b>	<b>Project Description</b>	<b>Federal Funding</b>
Burlington Trailways	Continuation	Existing service support	\$ 285,053
Burlington Trailways	New	One over the road coach	\$ 371,447
		<b>Subtotal</b>	<b>\$ 656,500</b>
Jefferson Lines	Continuation	Existing service support	\$ 165,231
Jefferson Lines	Continuation	Marketing of existing service	\$ 7,500
Jefferson Lines	Continuation	Operating of Iowa Travel Information Center	\$ 0
Jefferson Lines	New	Three over the road coaches	\$ 1,026,630
		<b>Subtotal</b>	<b>\$ 1,199,361</b>
City of Dubuque	New	Marketing-Intermodal Facility	\$ 7,500
		<b>Subtotal</b>	<b>\$ 7,500</b>
MIDAS Council of Governments	Continuation	Marketing of existing service	\$ 7,500
		<b>Subtotal</b>	<b>\$ 7,500</b>
<b>TOTAL</b>			<b>\$ 1,870,861</b>

# Large Urbanized, Urbanized, Small Urban and Regional Transit Systems

IOWA

Prepared by the  
**IOWADOT**  
 In Conjunction with  
 United States  
 Department of Transportation



- ▲ (4) Large Urbanized transit system >200,000 population
- (8) Urbanized transit system 50,000 to 200,000 population
- (7) Small Urban transit system <50,000 population
- (16) Regional transit system







# **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.

The **Highway-Railroad Crossing Safety Program** promotes public safety at rail crossings and near rail lines throughout the state. The federally-funded program participates in the cost of safety improvements at public highway-railroad crossings. These funds are primarily used to install or upgrade crossing signals. Other low-cost improvements may be funded such as crossbuck or yield signs, medians, or incentives for 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.

The **Highway-Railroad 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.

A decision will be made annually if 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.

Funding 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.

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. Applications may be submitted at any time and are evaluated as funding becomes available.

For additional information, visit the Iowa DOT's Office of Rail Transportation website at [www.iowadot.gov/iowarail](http://www.iowadot.gov/iowarail), or by calling 515-239-1140.

## Railroad Funding Summary

Program	Federal	State	Other	Total
Federal Highway-Railroad Crossing Safety Program (FY 2018)	\$ 7,750,000	\$ 0	\$ 500,000	\$ 8,250,000
State Highway-Railroad Crossing Safety Program (maintenance) (FY 2018)	\$ 0	\$ 700,000	\$ 0	\$ 700,000
State Highway-Railroad Crossing Surface Repair Program (FY 2018)	\$ 0	\$ 906,159	\$ 604,106	\$ 1,510,265
State Primary Highway-Railroad Crossings Program (FY 2018)	\$ 0	\$ 500,000	\$ 0	\$ 500,000
Railroad Revolving Loan and Grant Program (FY 2017)	\$ 0	\$ 4,694,624	\$ 22,300,000	\$ 26,994,624
<b>TOTALS</b>	<b>\$ 7,750,000</b>	<b>\$ 6,800,783</b>	<b>\$ 23,404,106</b>	<b>\$ 37,954,889</b>

## Federal Highway-Railroad Crossing Safety Program Federal Fiscal Year 2016 Accomplishment Program Candidates

Federal ID#	Applicant*	Railroad	Highway Jurisdiction	Road Location	Present Warning Device	Type of Improvement	B/C Ratio	Federal Funds
195545T	UP	UP	Joice	Lake Street	Crossbucks	Signals w/gate arms	1.7	\$200,000
606860X	Cedar County	IAIS	Cedar county	Baker Avenue	Signals	Signals w/gate arms	0.9	\$180,000
385737K	Clay County	DME	Clay County	100th Avenue	Crossbucks	Signals w/gate arms	0.8	\$250,000
201664U	UP	UP	Gilmore City	SW "C" Avenue	Crossbucks	Signals w/gate arms	0.6	\$180,000
380038T	Grafton	DME	Grafton/Worth County	First Street	Crossbucks	Signals w/gate arms	0.6	\$180,000
382039G	Sioux City	BNSF	Sioux City	Jackson Street	Signals	Signals w/gate arms	0.5	\$190,000
382038A	Sioux City	BNSF	Sioux City	Virginia Street	Signals	Signals w/gate arms	0.5	\$185,000
875980D	Emmet County	UP	Emmet County	200th Street	Crossbucks	Signals w/gate arms	0.5	\$180,000
193101T	Grinnell	UP	Grinnell	First Avenue	Crossbucks	Signals w/gate arms	0.5	\$200,000
201761D	UP	UP	Webster County	320th Street	Crossbucks	Signals w/gate arms	0.5	\$290,000
196717C	UP	UP	Wright County	255th Street	Crossbucks	Signals w/gate arms	0.5	\$300,000
603359V	Earlham	IAIS	Earlham	Sycamore Street	Crossbucks	Signals w/gate arms	0.5	\$185,000
876049E	UP	UP	Story County	290th Street	Crossbucks	Signals w/gate arms	0.5	\$180,000
097435N	BNSF	BNSF	Struble	Main Street	Signals	Signals w/gate arms	0.5	\$200,000
<b>TOTAL</b>								<b>\$ 2,900,000</b>

\* HA = Highway Authority

The FY 2016 appropriation under the FAST Act allocates an additional \$2.9 million in Section 130 Program funding for FY 2016.

## Federal Highway-Railroad Crossing Safety Program Federal Fiscal Year 2017 Accomplishment Program Candidates

Federal ID#	Applicant*	Railroad	Highway Jurisdiction	Road Location	Present Warning Device	Type of Improvement	B/C Ratio	Federal Funds
308835T	Bremer County	CEDR	Bremer County	205th Street	Crossbucks	Signals w/gate arms	3.8	\$ 200,000
608030B	Iowa County	IAIS	Iowa County	Johnson Iowa Road	Crossbucks	Signals w/gate arms	3.5	\$ 180,000
307687X	Sioux City / UP	UP	Sioux City	Grant Street	Crossbucks	Signals w/gate arms	2.7	\$ 250,000
307012W	Delaware County	CC	Delaware County	Fairview Drive	Crossbucks	Signals w/gate arms	2.4	\$ 180,000
307516W	Storm Lake	CC	Storm Lake	Barton Street	Crossbucks	Signals w/gate arms	2.1	\$ 180,000
307258U	Ackley	CC	Ackley	Cerro Gordo Street	Crossbucks	Signals w/gate arms	1.9	\$ 190,000
185855K	UP	UP	Osceola County	250th Street	Crossbucks	Signals w/gate arms	1.8	\$ 185,000
307447R	Pomeroy	CC	Pomeroy	Ontario Street	Crossbucks	Signals w/gate arms	1.6	\$ 180,000
608587A	UP	UP	Kossuth County	230th Avenue	Crossbucks	Signals w/gate arms	1.4	\$ 200,000
864238S	Des Moines	NS	Des Moines	Maury Street	Crossbucks	Signals w/gate arms	1.2	\$ 380,000
074097D	BNSF	BNSF	Union County	Tulip Avenue	Crossbucks	Signals w/gate arms	1.1	\$ 300,000
200956M	UP	UP	Pocahontas County	Maury Street	Crossbucks	Signals w/gate arms	0.9	\$ 185,000
307088C	Jesup	CC	Jesup	1st Street	Signals	Signals w/gate arms	0.8	\$ 180,000
605746U	UP	UP	Wayne County	Main Street	Crossbucks	Signals w/gate arms	0.8	\$ 200,000
307503V	Storm Lake	CC	Storm Lake	Oneida Street	Crossbucks	Signals w/gate arms	0.7	\$ 180,000
605747B	UP	UP	Wayne County	Central Avenue	Signals	Signals w/gate arms	0.7	\$ 200,000
190750G	UP	UP	Greene County	C Avenue	Crossbucks	Signals w/gate arms	0.7	\$ 300,000
196988H	Gilbert	UP	Gilbert	Mathews Street	Signals	Signals w/gate arms	0.7	\$ 180,000
191010F	UP	UP	Dow City	Franklin Street	Crossbucks	Signals w/gate arms	0.7	\$ 190,000
865547H	Camanche	DME	Camanche	7th Street	Signals	Signals w/gate arms	0.7	\$ 175,000
191219B	UP	UP	Harrison County	Easton Trail	Signals	Signals w/gate arms	0.7	\$ 180,000
307632K	Plymouth County	CC	Plymouth County	Marble Avenue	Crossbucks	Signals w/gate arms	0.6	\$ 180,000
193067N	UP	UP	Gilman	Church Street	Crossbucks	Signals w/gate arms	0.6	\$ 190,000
308830J	Waverly	CC	Waverly	20th Street NW	Crossbucks	Signals w/gate arms	0.6	\$ 200,000
307603A	Cherokee County	CC	Cherokee County	C Avenue	Crossbucks	Signals w/gate arms	0.6	\$ 180,000
604489V	UP	UP	Lucas County	450th Street	Crossbucks	Signals w/gate arms	0.6	\$ 190,000
307502N	Storm Lake	CC	Storm Lake	Hudson	Crossbucks	Signals w/gate arms	0.5	\$ 180,000
201964H	Waverly	CC	Waverly	20th Street NW	Crossbucks	Signals w/gate arms	0.3	\$ 190,000
			Statewide			Crossing Closure		\$ 15,000

**TOTAL** **\$ 5,720,000**

\* HA = Highway Authority

## Federal Highway-Railroad Crossing Safety Program Federal Fiscal Year 2018 Accomplishment Program Candidates

Federal ID#	Applicant*	Railroad	Highway Jurisdiction	Road Location	Present Warning Device	Type of Improvement	B/C Ratio	Federal Funds
190316G	UP	UP	Boone	Key Lane	Crossbucks	Signals w/gate arms	4.7	\$300,000
191250M	UP	UP	Onawa	Cameo Street	Signals	Signals w/gate arms	3.4	\$200,000
876213F	UP	UP	Manly	Main Street	Signals	Signals w/gate arms	2.9	\$300,000
604559H	UP	UP	Allerton	Green Street	Crossbucks	Signals w/gate arms	1.7	\$400,000
200101N	UP	UP	Oskaloosa	6th Avenue West	Crossbucks	Signals w/gate arms	1.2	\$250,000
307638B	UP	CC/UP	DOT District 3	IA Hwy 3	Signals	Signals w/gate arms	1.1	\$225,000
307577M	Cherokee	CC	Cherokee	W. Cherry Street	Crossbucks	Signals w/gate arms	1.1	\$200,000
307229J	DOT	CC	DOT District 2	IA Hwy 14	Signals	Signals w/gate arms	0.9	\$220,000
193101M	UP	UP	West Des Moines	Jordan Creek Pkwy	Signals	Signals w/gate arms	0.6	\$250,000
074132P	Lovilla	BNSF	Lovilla	E. 19th Street	Crossbucks	Signals w/gate arms	0.5	\$200,000
074133W	Lovilla	BNSF	Lovilla	E. 22nd Street	Crossbucks	Signals w/gate arms	0.5	\$200,000
380011J	Mason City	DME	Mason City	Birch Drive	Crossbucks	Signals w/gate arms	0.5	\$195,000
602474Y	UP	UP	Polk County	SE 52nd Street	Crossbucks	Signals w/gate arms	0.5	\$305,000
307492K	Storm Lake	CC	Storm Lake	Gilbert Street	Crossbucks	Signals w/gate arms	0.5	\$180,000
380040U	Grafton	DME	Grafton	Fourth Street	Crossbucks	Signals w/gate arms	0.5	\$180,000
193121E	UP	UP	Searsboro	4th Street	Crossbucks	Signals w/gate arms	0.5	\$200,000
307062A	Buchanan	CC	Buchanan County	Pine Creek Avenue	Crossbucks	Signals w/gate arms	0.5	\$190,000
307494Y	Storm Lake	CC	Storm Lake	Radio Road	Signals	Signals w/gate arms	0.5	\$180,000
380012R	Mason City	UP	Mason City	12th Street NE	Signals	Signals w/gate arms	0.4	\$180,000
074131H	Lovilla	BNSF	Lovilla	E. 14th Street	Crossbucks	Signals w/gate arms	0.4	\$200,000
307585E	CC	CC	Cherokee County	Eagle Street	Signals	Circuitry Upgrade	0.4	\$190,000
196915X	Laurens	UP	Laurens	N. 1st Street	Crossbucks	Signals w/gate arms	0.4	\$200,000
876193W	UP	UP	Cerro Gordo County	190th Street	Crossbucks	Signals w/gate arms	0.4	\$200,000
876215U	UP	UP	Worth County	380th	Crossbucks	Signals w/gate arms	0.4	\$245,000
307525V	Alta	CC	Alta	Lake Street	Signals	Signals w/gate arms	0.4	\$200,000
604483E	Lucas County	UP	Lucas County	242nd Avenue	Crossbucks	Signals w/gate arms	0.4	\$200,000
876085A	UP	UP	Story County	190th Street	Signals	Signals w/gate arms	0.4	\$210,000
599346J	Forest City	UP	Forest City	Crystal Lake Road	Crossbucks	Signals w/gate arms	0.4	\$200,000
097458V	BNSF	BNSF	Sioux Center	9th Street SW	Signals	Signals w/gate arms	0.4	\$180,000
307021V	Delaware	CC	Delaware	Third Street	Signals	Signals w/gate arms	0.4	\$180,000
876092K	UP	UP	Story County	Dubios Avenue	Signals	Signals w/gate arms	0.4	\$210,000
375657P	Wayne County	DME	Wayne County	County Road S50	Crossbucks	Signals w/gate arms	0.4	\$185,000
197062T	Kossuth County	UP	Kossuth county	170th Street	Crossbucks	Signals w/gate arms	0.4	\$200,000
193068V	UP	UP	Gilman	Strait Street	Crossbucks	Signals w/gate arms	0.4	\$195,000
376195E	DME	DME	Allamakee County	Winfield Road	Crossbucks	Signals w/gate arms	0.4	\$220,000
190495A	UP	UP	Cedar Rapids	12th Avenue SE	Signals	Signals w/gate arms	0.4	\$180,000

**\$ 7,750,000**

\* HA = Highway Authority

**State Highway-Railroad Crossing Surface Repair Program  
Fiscal Year 2017**

<b>County</b>	<b>Federal ID#</b>	<b>Railroad</b>	<b>Highway Jurisdiction</b>	<b>Road Location</b>	<b>State Surface Repair Fund (60%)</b>
Jackson	376099C	DME	Bellevue	Jefferson Avenue/399th Street	\$ 57,600
Jackson	376097N	DME	Bellevue	Motte Street	\$ 54,600
Jackson	376089W	DME	Bellevue	Market Street	\$ 66,600
Clinton	376046D	DME	City of Clinton	McKinley Street	\$ 46,200
Clinton	376045W	DME	City of Clinton	32nd Avenue North	\$ 51,000
Clinton	376040M	DME	City of Clinton	Main Avenue	\$ 67,800
Clinton	376033C	DME	City of Clinton	15th Avenue North	\$ 52,800
Clinton	376022P	DME	City of Clinton	5th Avenue South	\$ 66,000
Clinton	376021H	DME	City of Clinton	6th Avenue South	\$ 66,000
Clinton	376041U	DME	City of Clinton	25th Avenue North	\$ 60,600
Clinton	376039T	DME	City of Clinton	23rd Avenue North	\$ 54,000
Black Hawk	307122G	CCP	Waterloo	East Fourth Street	\$ 195,000
Linn	307839S	CCP	Cedar Rapids	42nd Street NE	\$ 76,800
Black Hawk	307117K	CCP	Waterloo	Nevada Street	\$ 62,400
Linn	307836W	CCP	Cedar Rapids	Blairs Ferry Road NE	\$ 83,400
<b>TOTAL</b>					<b>\$ 1,060,800</b>

**State Highway-Railroad Crossing Surface Repair Program  
Fiscal Year 2018**

<b>County</b>	<b>Federal ID#</b>	<b>Railroad</b>	<b>Highway Jurisdiction</b>	<b>Road Location</b>	<b>State Surface Repair Fund (60%)</b>
Black Hawk	307125C	CCP	City of Waterloo	Conger Street	\$ 117,600
Black Hawk	307174Y	CCP	City of Waterloo	West Donald Street	\$ 61,500
Black Hawk	307171D	CCP	City of Waterloo	West Parker Street	\$ 160,800
Linn	307845V	CCP	City of Cedar Rapids	H Avenue NE	\$ 69,600
Winneshiek	385219P	DME	City of Ossian	Lydia Street	\$ 66,000
Linn	307842A	CCP	City of Cedar Rapids	J Avenue	\$ 77,400
Scott	865653R	DME	City of Davenport	Ripley Street	\$ 83,761
Scott	865650V	DME	City of Davenport	Brady Street	\$ 69,400
Story	190695J	UP	City of Nevada	2nd Street	\$ 80,400
Kossuth	385614Y	DME	Kossuth County	90th Avenue	\$ 63,000
Polk	199846C	UP	Polk County	NE 54th Avenue	\$ 56,697
<b>TOTAL</b>					<b>\$ 906,159</b>



**Railroad Revolving Loan and Grant Program  
Fiscal Year 2017**

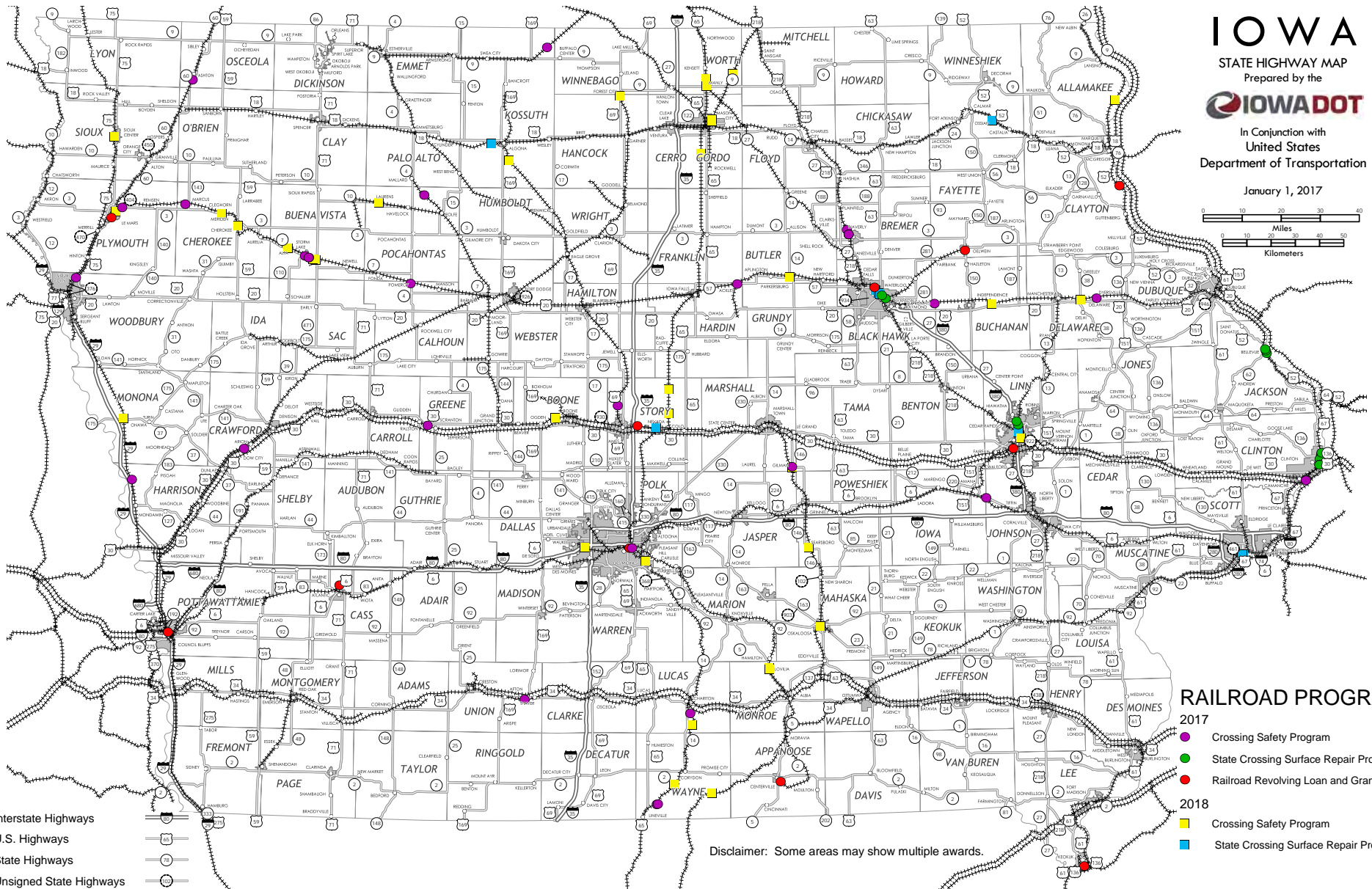
<b>Applicant</b>	<b>Project Location</b>	<b>Award Grant</b>	<b>Award Loan</b>	<b>Award Total</b>
<b><u>Targeted job creation projects</u></b>				
Farmer's Energy Cardinal Rail Spur	Cass County	\$ 576,000	\$ 350,000	\$ 926,000
Barilla America Rail Expansion	City of Ames	\$ 156,000		\$ 156,000
Pattison Sand CP Unit Train Expansion	Clayton County	\$ 500,000	\$ 600,000	\$ 1,100,000
Hydrate Chemical Rail Spur	City of Waterloo	\$ 24,000		\$ 24,000
Progressive Rail - Rail Line Rehabilitation	Appanoose County	\$ 278,574	\$ 417,862	\$ 696,436
<b><u>Rail network improvement projects</u></b>				
BJRY Le Mars Transload Track	City of Le Mars		\$ 156,936	\$ 156,936
Crossroads Cold Storage	City of Des Moines		\$ 385,000	\$ 385,000
Oelwein Track Rehabilitation	City of DeWar		\$ 493,775	\$ 493,775
Eastern Iowa Logistics Park	City of Cedar Rapids		\$ 500,000	\$ 500,000
KJRY Yard Enhancements Phase III	City of Keokuk		\$ 200,157	\$ 200,157
<b><u>Rail Port Planning Studies</u></b>				
Council Bluffs Transload Study	City of Council Bluffs	\$ 56,320		\$ 56,320
<b>TOTAL</b>		<b>\$ 1,590,894</b>	<b>\$ 3,103,730</b>	<b>\$ 4,694,624</b>

# Railroad Projects 2017 & 2018



In Conjunction with  
United States  
Department of Transportation

January 1, 2017



Interstate Highways  
U.S. Highways  
State Highways  
Unsigned State Highways  
Rail Lines

- ### RAILROAD PROGRAMS
- 2017**
- Crossing Safety Program
  - State Crossing Surface Repair Program
  - Railroad Revolving Loan and Grant Program
- 2018**
- Crossing Safety Program
  - State Crossing Surface Repair Program

Disclaimer: Some areas may show multiple awards.



# **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)

Thirty-six applications were received by the July 1, 2016, deadline. The applications represented total project costs of \$40,364,568 with \$19,464,735 requested from the State Recreational Trails Program. Five projects were approved by the Commission for a total state commitment of \$2,514,678. The total cost for the approved projects is estimated to be \$7,025,911.

For additional information, visit the Iowa DOT's Office of Systems Planning website at [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 Funding Summary

Program	Federal	State	Other	Total
State Recreational Trails Program (FY 2017)	\$ 0	\$ 2,514,678	\$4,511,233	\$7,025,911

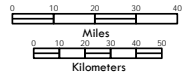
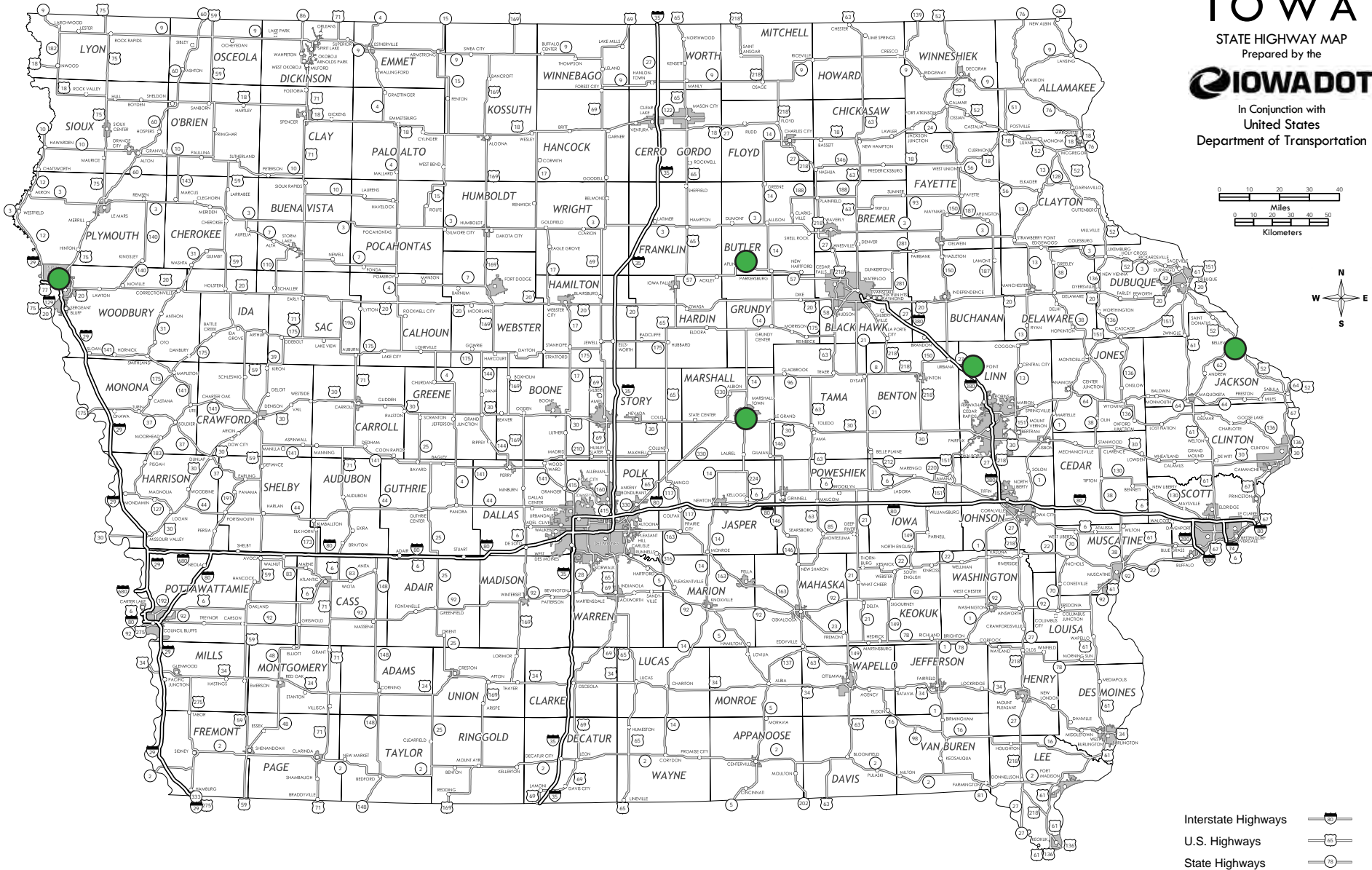
**State Recreational Trails Projects  
Fiscal Year 2017**

<b>Sponsor</b>	<b>Project Title</b>	<b>Awarded Amount</b>
Linn and Black Hawk County Conservation Boards	East Blue Creek Bridge Replacement along Cedar Valley Nature Trail	\$ 250,000
Bellevue and Iowa Department of Natural Resources	Extension of Felderman Trail	\$ 300,000
Sioux City	Interstate 29 Riverfront Trail Connection	\$ 650,000
Marshalltown	Iowa River Trail - Marshalltown to South Side of Iowa River	\$ 650,000
Butler County Conservation Board	Rolling Prairie Trail - Allison to Bristow	\$ 664,678
<b>TOTAL</b>		<b>\$ 2,514,678</b>

# State Recreational Trails Projects

## Fiscal Year 2017

**IOWA**  
STATE HIGHWAY MAP  
Prepared by the  
**IOWADOT**  
In Conjunction with  
United States  
Department of Transportation



Interstate Highways   
 U.S. Highways   
 State Highways





# 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 December 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.

Fifteen nonmotorized and two motorized applications were received by the December 1, 2016, deadline. The applications represented total project costs of \$13,123,914, with \$6,318,837 requested from the Federal Recreational Trails Program. Six projects were approved by the Commission for a total commitment of \$1,332,829. The total cost for the approved projects is estimated to be \$2,856,341.

For additional information, visit the Iowa DOT's Office of Systems Planning website at [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 Funding Summary

Program	Federal	State	Other	Total
Federal Recreational Trails (FY 2018)	\$1,332,829	\$ 0	\$1,523,512	\$2,856,341

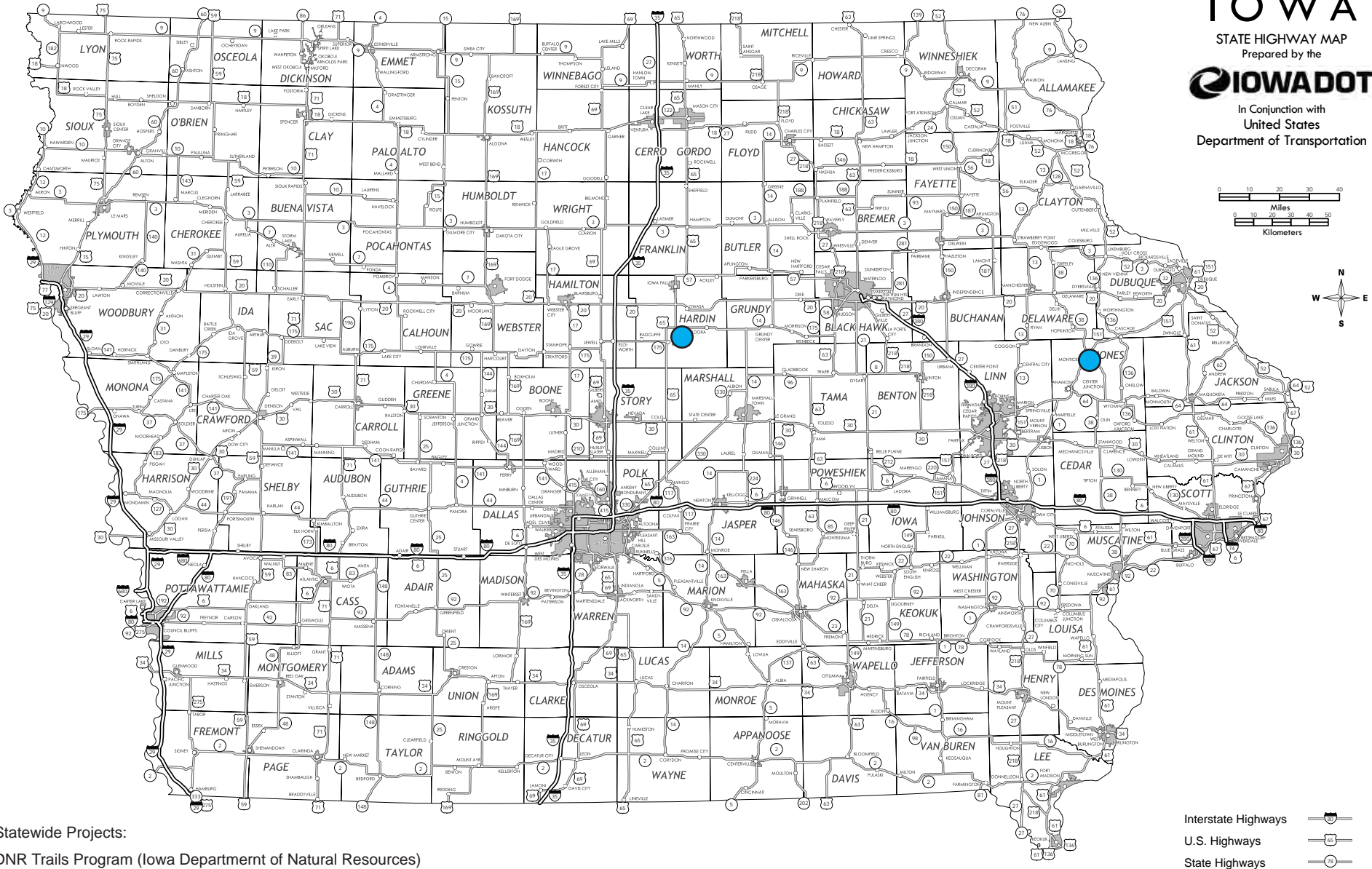
**Federal Recreational Trails Projects  
Federal Fiscal Year 2018**

<b>Sponsor</b>	<b>Project Title</b>	<b>Awarded Amount</b>
Iowa Department of Natural Resources	DNR Trails Program	\$ 228,316
Iowa Department of Natural Resources and Iowa OHV Association	Iowa DNR Off-highway Vehicle Program	\$ 234,099
Hardin County	Iowa River Trail Bridge Rehabilitation over part of Hardin County	\$ 247,000
Jones County Conservation Board	Maquoketa River Water Trail - Mon/Maq Dam Modification	\$ 369,820
Iowa Department of Natural Resources and Iowa State Snowmobile Association	Snowmobile Trail Grooming Equipment Purchase	\$ 240,000
Iowa Department of Transportation	Support for Program and Bicycle/Trails Summits	\$ 13,594
<b>TOTAL</b>		<b>\$ 1,332,829</b>

# Federal Recreational Trails Projects

## Federal Fiscal Year 2018

**IOWA**  
 STATE HIGHWAY MAP  
 Prepared by the  
**IOWADOT**  
 In Conjunction with  
 United States  
 Department of Transportation



**Statewide Projects:**

- DNR Trails Program (Iowa Department of Natural Resources)
- Iowa DNR Off-highway Vehicle Program (Iowa Department of Natural Resources and Iowa OHV Association)
- Snowmobile Trail Grooming Equipment Purchase (Iowa Department of Natural Resources and Iowa State Snowmobile Association)
- Support for Program and Bicycle/Trails Summits (Iowa Department of Transportation)

- Interstate Highways
- U.S. Highways
- State Highways





**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 \$41 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 83,675 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 22 projects awarded funding during FY 2016 is included on the following pages.

**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 FY 2016, 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 FY 2016 RISE Funding

	Amount Awarded/ Programmed	Annual Revenue	Percent of Annual Revenue Awarded/ Programmed
Primary Roads	\$27,540,680.14	\$23,542,416.14	117%
City Streets	\$19,790,941.00	\$11,771,208.07	168%
Secondary Roads	\$ 2,155,647.00	\$ 5,885,604.07	37%

For additional information, visit the Iowa DOT's Office of Systems Planning website at [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 2016

<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>
Boone/Boone Co	Glycerin/Non-GMO oil	\$ 454,802	\$ 568,502	20.00%	41	\$ 28,010,700	2/9/2016
Burlington/West Burlington	Manufacturing	\$ 1,536,000	\$ 2,175,375	29.39%	128	\$ 7,400,000	11/10/2015
Davenport	Food Manufacturing	\$ 4,699,875	\$ 5,874,844	20.00%	392	\$ 204,174,969	11/10/2015
Denison	Meat Processing	\$ 138,513	\$ 173,141	20.00%	20	\$ 21,712,923	10/13/2015
Oelwein	Lead-Acid batteries	\$ 2,170,584	\$ 2,713,230	20.00%	181	\$ 66,992,646	4/12/2016
Sioux City	Pork Processing	\$ 5,360,630	\$ 6,700,788	20.00%	447	\$ 289,762,490	11/10/2015
Story City	Packaging/Industrial	\$ 160,079	\$ 20,260,195	20.00%	22	\$ 20,260,195	5/10/2016
Waterloo	Food Manufacturing	\$ 684,000	\$ 878,719	22.16%	57	\$ 63,694,719	7/14/2015
<b>Totals -- 8 Approved Projects</b>		<b>\$ 15,204,483</b>	<b>\$ 39,344,794</b>		<b>1288</b>	<b>\$ 702,008,642</b>	
<b>Averages -- 8 Approved Projects</b>		<b>\$ 1,900,560</b>	<b>\$ 4,918,099</b>		<b>161</b>	<b>\$ 87,751,080</b>	



## RISE Fund Local Development Projects Fiscal Year 2016

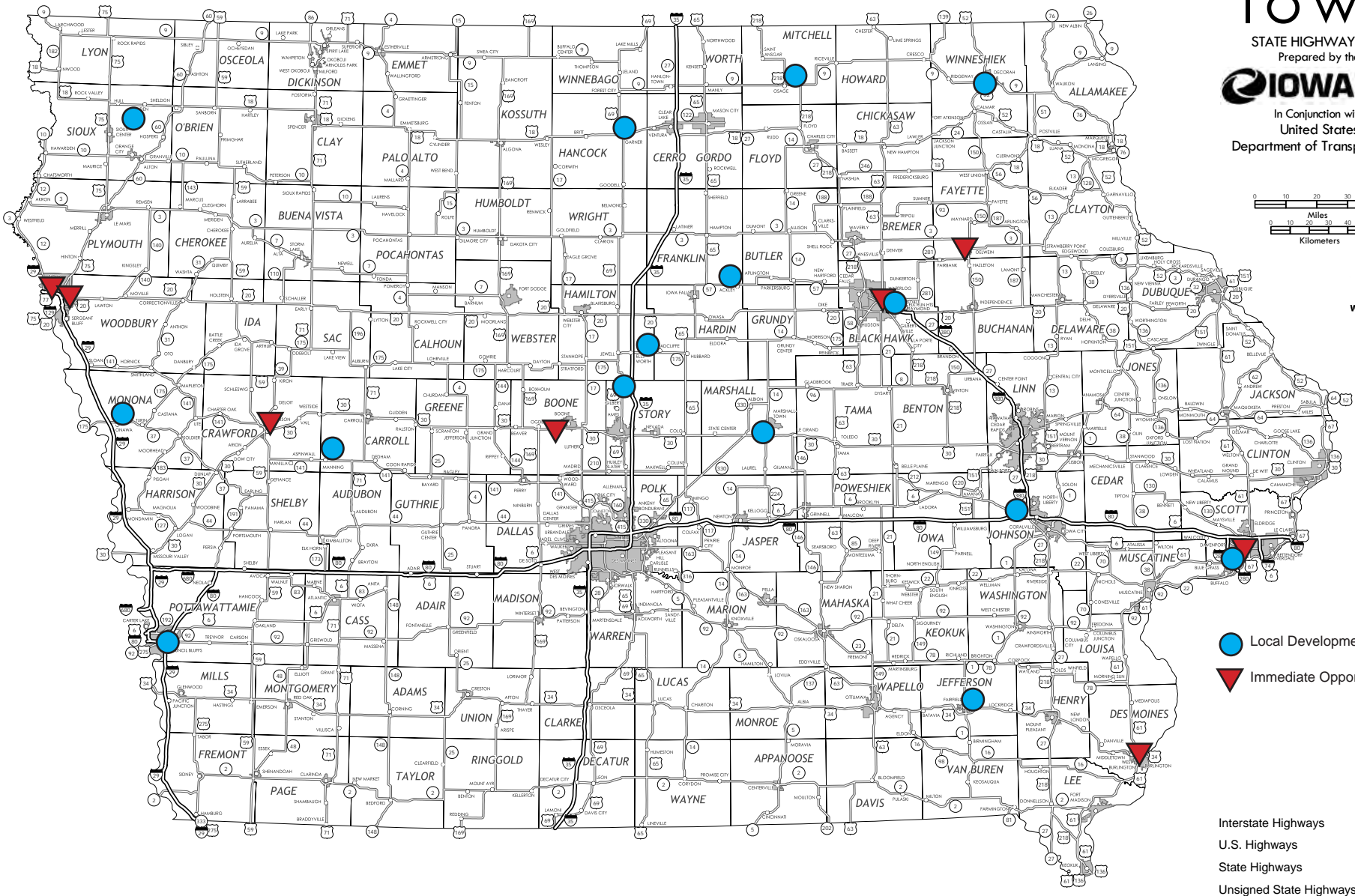
Applicant Name	Cycle	Business Type Involved	RISE Funds Approved	Total Road Project Cost	Percent of Non-RISE Participation	Jobs Assisted	Total Capital Investment (Non-RISE)	Date of Commission Approval
Ackley	September 2015	Industrial Area	\$ 240,624	\$ 481,248	50%	0	\$ 839,955	11/10/2015
Boyden	September 2015	Feed Mill	\$ 284,947	\$ 569,894	50%	20	\$ 15,034,947	9/8/2015
Council Bluffs	February 2015	Professional Office	\$ 1,909,359	\$ 3,818,718	50%	85	\$ 23,359,359	7/14/2015
Davenport	February 2015	Casino	\$ 3,041,687	\$ 6,083,373	500%	387	\$ 113,041,686	7/14/2015
Decorah	September 2015	light ind, manuf, prof office	\$ 364,375	\$ 728,750	50%	0	\$ 704,075	10/13/2015
Ellsworth	September 2015	Industrial Area	\$ 1,037,520	\$ 2,075,039	50%	8	\$ 17,012,519	4/12/2016
Garner	February 2016	Industrial Area	\$ 239,497	\$ 478,994	50%	0	\$ 812,199	4/12/2016
Jefferson County/Fairfield	September 2015	Industrial Area	\$ 476,342	\$ 952,683	49.69%	0	\$ 1,060,093	12/8/2015
Manning	February 2016	Industrial/Manufacturing	\$ 259,918	\$ 519,835	50%	4	\$ 1,859,917	5/10/2016
Marshalltown	February 2015	Agric. Parts	\$ 360,315	\$ 720,630	50%	3	\$ 1,790,315	8/11/2015
Mitchell Co/Osage	February 2016	spray drying/microbial product	\$ 466,492	\$ 932,983	50%	38	\$ 2,262,492	3/8/2016
Onawa	September 2015	Light Industrial	\$ 129,702	\$ 259,403	50%	3	\$ 329,701	10/13/2015
Story City	February 2016	Packaging/Industrial	\$ 161,176	\$ 322,351	50%	0	\$ 20,260,195	5/10/2016
Tiffin	September 2015	light ind, manuf, prof office	\$ 1,578,680	\$ 3,157,360	50%	0	\$ 19,441,843	11/10/2015
Waterloo	February 2015	Professional Office	\$ 189,735	\$ 379,469	50%	50	\$ 20,275,036	7/14/2015
<b>Totals -- 15 Approved Projects</b>			<b>\$ 10,740,369</b>	<b>\$ 21,480,730</b>		<b>598</b>	<b>\$ 238,084,332</b>	
<b>Averages -- 15 Approved Projects</b>			<b>\$ 716,025</b>	<b>\$ 1,432,049</b>		<b>40</b>	<b>\$ 15,872,289</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 2016

**IOWA**  
STATE HIGHWAY MAP  
Prepared by the  
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In Conjunction with  
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Department of Transportation



- Local Development
- ▲ Immediate Opportunity

- Interstate Highways
- U.S. Highways
- State Highways
- Unsigned State Highways



**Iowa  
Statewide  
Transportation  
Alternatives Program**



# Iowa Statewide Transportation Alternatives Program

Statewide Transportation Alternatives Program (TAP) projects are community-based projects that expand travel choices and enhance the transportation experience by integrating modes and improving the cultural, historic, and environmental aspects of our transportation infrastructure. TAP projects must relate to surface transportation and must be one of the following ten eligible activities:

**Pedestrian & Bicycle Facilities** - Sidewalks, walkways or curb ramps; bike lane striping, wide paved shoulders, bike parking and bus racks; traffic calming; off-road trails; bike and pedestrian bridges and underpasses; ADA compliance.

**Safe Routes for Non-Drivers:** Access and accommodation for children, older adults, and individuals with disabilities.

**Conversion of Abandoned Railway Corridors to Trails:** Acquisition of railroad rights-of-way; planning, design and construction of multiuse trails and rail-with-trail projects.

**Scenic Turnouts and Overlooks:** Construction of scenic turnouts, overlooks, and viewing areas.

**Outdoor Advertising Management:** Billboard inventories and removal of illegal and nonconforming billboards. Inventory control may include, but not be limited to, data collection, acquisition and maintenance of digital aerial photography, video logging, scanning and imaging of data, developing and maintaining an inventory and control database, and hiring of outside legal counsel.

**Historic Preservation & Rehab of Historic Transportation Facilities:** Preservation and restoration of historic buildings and facades for transportation-related purposes; access improvements to historic sites. Restoration of railroad depots, bus stations and lighthouses; rehabilitation of rail trestles, tunnels, bridges and canals.

**Vegetation Management:** Improvement of roadway safety; prevention of invasive species; providing erosion control.

**Archaeological Activities:** Projects related to impacts from implementation of highway construction projects.

**Stormwater Mitigation:** Pollution prevention and abatement activities to address stormwater management; water pollution prevention related to highway construction or due to highway runoff.

**Wildlife Management:** Reduction of vehicle-caused wildlife mortality; restoration and maintenance of connectivity among terrestrial or aquatic habitats.

In addition to meeting TAP eligibility requirements, TAP projects should have a statewide significance. Projects of statewide significance may be defined as having one or more of the following characteristics:

- Statewide or multi-regional use or importance
- Enhancement of the quality or utility of the state surface transportation system
- State tourism benefits
- Statewide planning

Statewide TAP funding is requested by submitting a project application. Forms are available from the Iowa DOT's website site at [iowadot.gov](http://iowadot.gov). Applications for statewide TAP projects will be reviewed by Iowa DOT staff and awarded by the Iowa Transportation Commission.

Federal TAP funding can provide up to 80 percent of the proposed cost of eligible activities. If a project is located along a National Scenic Byway or State Historic or Scenic Byway, has the endorsement of the appropriate byway organization, is a project of statewide or multi-regional significance, and has received TAP funding up to 50 percent of total project costs through the local Metropolitan Planning Organization or Regional Planning Affiliation; the project may be eligible to receive an additional award of up to 30 percent of total project costs of statewide TAP funding.

Applicants must provide a commitment of at least 20 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.

Five applications were received by the December 1, 2016, deadline. The applications represented total project costs of \$3,257,816, with \$1,499,585 requested from the Statewide Transportation Alternatives Program. Two projects were approved by the Commission for a total commitment of \$503,035. The total cost for the approved projects is estimated to be \$886,770.

For additional information, visit the Iowa DOT's Office of Systems Planning website at [www.iowadot.gov/systems\\_planning/trans\\_enhance.htm](http://www.iowadot.gov/systems_planning/trans_enhance.htm), or by calling 515-239-1664.

**Iowa Statewide Transportation Alternatives Program Projects  
Federal Fiscal Year 2018**

<b>Sponsor</b>	<b>Project Title</b>	<b>Awarded Amount</b>
University of Northern Iowa and UNI Integrated Roadside Vegetation Management	UNI Integrated Roadside Vegetation Management	\$ 423,035
Iowa Department of Transportation	Urban Youth Corps	\$ 80,000
<b>TOTAL</b>		<b>\$ 503,035</b>



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





# Iowa's Clean Air Attainment Program (ICAAP)

ICAAP projects are intended to improve air quality by maximizing vehicle emission reductions via traffic-flow improvements, reduction of vehicle miles of travel, reduction of single-occupant vehicle trips, and congestion reduction. 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 Block Grant Program, as described in Section 133(b) of Title 23, U.S. Code, or the Congestion Mitigation and Air Quality Program, as indicated in Section 149(b) of Title 23, U.S. Code. 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.

Fifteen applications were received by the December 1, 2016, deadline. The applications represented total project costs of \$31,856,941, with \$5,587,635 requested from the ICAAP. Thirteen projects were approved by the Commission for a total commitment of \$4,000,000. The total cost for the approved projects is estimated to be \$12,421,601.

For additional information, visit the Iowa DOT's Office of Systems Planning website at [www.iowadot.gov/systems\\_planning/icaap.htm](http://www.iowadot.gov/systems_planning/icaap.htm), or by calling 515-239-1664.

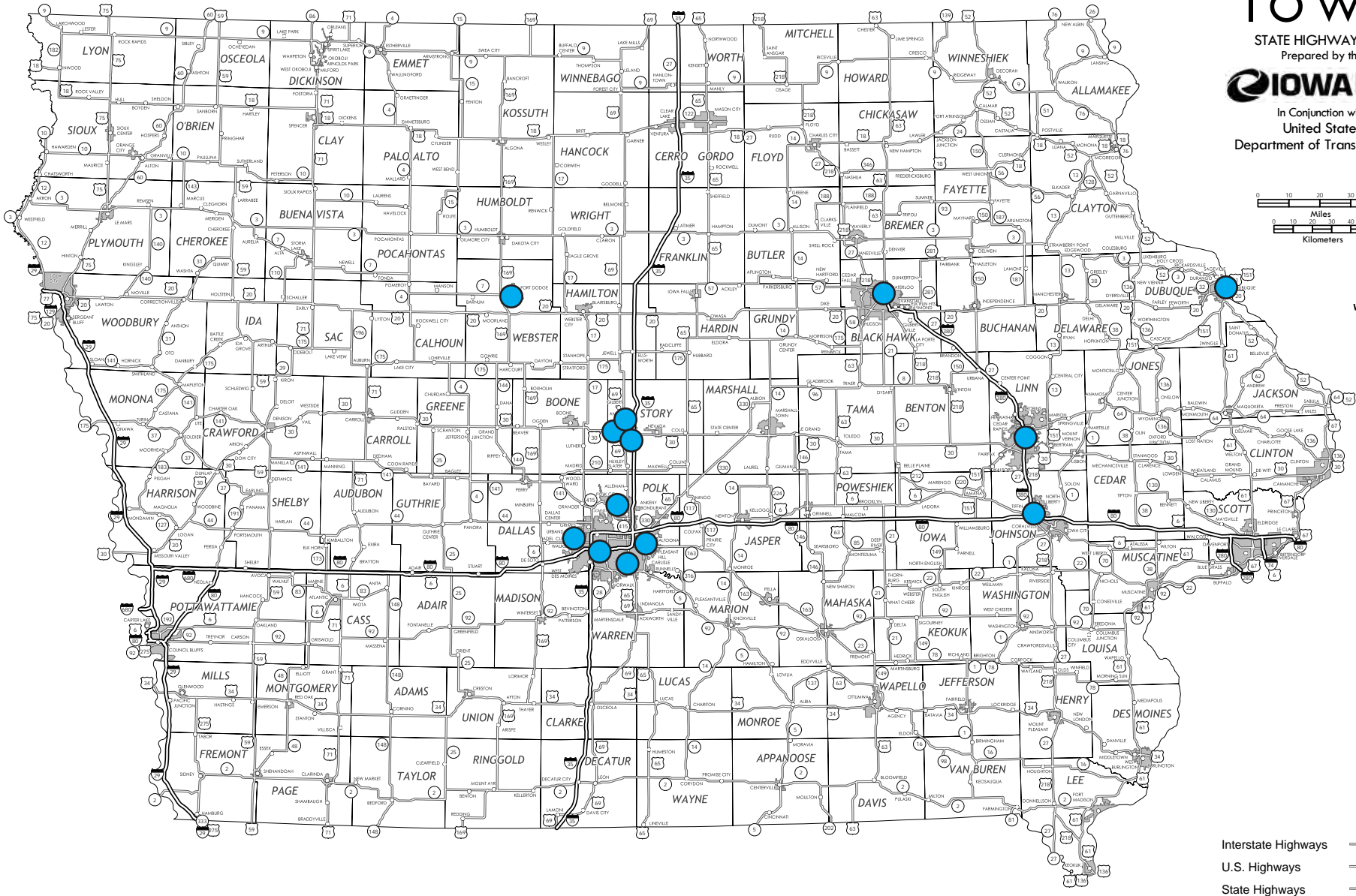
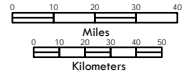
**Iowa's Clean Air Attainment Program Projects  
Federal Fiscal Year 2018**




Sponsor	Project Title	Awarded Amount
Ames Transit Agency	#2 Green, #6 Brown, #3 Blue Service Expansion	\$ 101,767
Ames Transit Agency	#9 Plum Weekday Route Expansion	\$ 230,466
Fort Dodge	5th Avenue South Signal Interconnect Project	\$ 245,000
Ankeny	Ankeny Traffic Signal System Timings Update	\$ 116,800
Waterloo	Ansborough Avenue Improvements	\$ 277,600
East Central Iowa Council of Governments	CorridorRides Vanpool: Year 2	\$ 166,240
Pleasant Hill	Iowa 163 Adaptive Traffic Signal Control System	\$ 576,800
West Des Moines	Jordan Creek Town Center Area Traffic Network Adaptive Traffic Signal Control	\$ 288,000
Dubuque	Roundabout at University Avenue and Grandview Avenue	\$ 264,842
Ames	South 5th Street Construction Project	\$ 396,485
Des Moines	Traffic Signal System Timings Update, Phase 2	\$ 136,000
Tiffin	U.S. 6 and Park Road Single Lane Roundabout	\$ 500,000
Waukee	U.S. 6 (Hickman Road) and Alice's Road Intersection Improvements	\$ 700,000
<b>TOTAL</b>		<b>\$ 4,000,000</b>

# Iowa's Clean Air Attainment Program Projects

## Federal Fiscal Year 2018

**IOWA**  
 STATE HIGHWAY MAP  
 Prepared by the  
**IOWADOT**  
 In Conjunction with  
 United States  
 Department of Transportation



Interstate Highways   
 U.S. Highways   
 State Highways 



**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, county, or the Iowa DOT. The program is administered by the Iowa DOT, with funding of about \$7 million per year.

Three separate funding categories are available:

## **1. 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

## **2. 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.

## **3. 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 FY 2018 funding consideration were due August 15, 2016. Fifty-four applications were submitted requesting \$11,872,584 in safety funding. Twenty-one of the applications requested site-specific funding, 9 requested traffic control device funding, and 24 requested funding for research, studies, and public information initiatives. On December 13, 2016, the Commission approved funding for 38 projects totaling \$8,518,540 in Traffic Safety Improvement Program funding. A list of the approved projects is shown on the following pages.

**Traffic and Safety Information and Services** - Applications for funding consideration for FY 2019 will be due by August 15, 2017. Application forms or further information concerning the Traffic Safety Improvement Program may be obtained by visiting the program's website at [www.iowadot.gov/traffic/traffic-and-safety-programs/tsip/tsip-program](http://www.iowadot.gov/traffic/traffic-and-safety-programs/tsip/tsip-program), or by calling 515-239-1557.

## Traffic Safety Improvement Program Projects Fiscal Year 2018

<b>Applicant</b>	<b>Location</b>	<b>Improvement</b>	<b>Funding Category</b>	<b>Approved Amount</b>
Iowa DOT - District 1	Iowa 141	Offset right turn lane for WB IA 141	Site	\$ 225,000
Iowa DOT - District 1/City of Ames	US 69 (South Duff Ave.)	Add a center turn lane	Site	\$ 500,000
City of Des Moines	Hubbell Avenue (US 6)	Signal modification, median work, adding turn lanes, other improvements	Site	\$ 500,000
Iowa DOT - District 2	US 18/Iowa 122	Intersection improvements	Site	\$ 500,000
City of Ankeny	Ankeny Blvd (US 69)	Intersection improvements	Site	\$ 500,000
Washington County	Co Rd W61 (Riverside Road)	PCC Overlay, paved shoulders, rumble strips	Site	\$ 500,000
City of Tiffin	US 6 & Park Road	Install a roundabout	Site	\$ 500,000
Lee County	Co Rd X23	Paved shoulders and edgeline rumble strips	Site	\$ 500,000
Cedar County	Co Rd X54	Shoulder safety project	Site	\$ 385,000
City of Fort Dodge	1st Ave S and S 15th St. corridors	Two-way left turn lane and right turn lanes	Site	\$ 500,000
City of Ames	S Duff Ave (US 69) & S 16th St	Turn lane improvements	Site	\$ 495,000
City of Waukee	Hickman Rd (US 6) & Alice's Rd	Intersection improvements	Site	\$ 500,000
City of Dubuque	Grandview Ave & University Ave	Install a roundabout	Site	\$ 500,000
Montgomery County	Co Rd H34	Pavement widening	Site	\$ 500,000
Hamilton County	Co Rd D46	Intersection reconstruction	Site	\$ 175,000
Lee County	Co Rd J40	Paved shoulders and edgeline rumble strips	Site	\$ 115,000



**Traffic Safety Improvement Program Projects  
Fiscal Year 2018 (continued)**

<b>Applicant</b>	<b>Location</b>	<b>Improvement</b>	<b>Funding Category</b>	<b>Approved Amount</b>
City of Ottumwa	N Ferry St & Albia St	Install a roundabout	Site	\$ 250,000
City of Ottumwa	N Ferry St & Richmond Dr	Install a mini roundabout	Site	\$ 250,000
* Iowa DOT - TAS	Statewide	County Sign Replacement Program	Traffic Control Device	\$ 100,000
City of Mount Vernon	Fifth Ave & First St West	Traffic Signal Replacement	Traffic Control Device	\$ 59,965
City of West Des Moines	Various	Radar Technology Traffic Signal Detector Units	Traffic Control Device	\$ 93,000
City of Urbandale	Various	Traffic Signal Battery Backup	Traffic Control Device	\$ 81,575
City of Coralville	US 6 & Jones Blvd/Westcor Dr	Install Traffic Signals	Traffic Control Device	\$ 184,000

<b>Applicant</b>	<b>Location/Description</b>	<b>Funding Category</b>	<b>Approved Amount</b>
Iowa DOT - TAS	Study of the Feasibility/Applicability of an Active School Bus Stop Ahead Warning Sign	Studies	\$ 25,000
* Iowa DOT - TAS	Statewide Multi-Disciplinary Safety Team (MDST) Facilitator Program	Studies	\$ 60,000
* Iowa DOT - TAS	Iowa Safety Circuit Rider Program Supplemental Support	Studies	\$ 20,000
Iowa DOT - TAS	Work Zone Safety Training	Studies	\$ 30,000
Iowa DOT - Systems Planning	Non-motorized traffic monitoring: Phase 1	Studies	\$ 50,000
Iowa DOT - TAS	Iowa Traffic Safety Data Service (ITSDS)	Studies	\$ 50,000
Iowa DOT - TAS	Increasing Public Awareness about the Dangers of Riding Off-Road Vehicles on the Road	Studies	\$ 25,000

\* On behalf of local governments

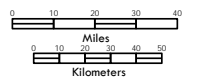
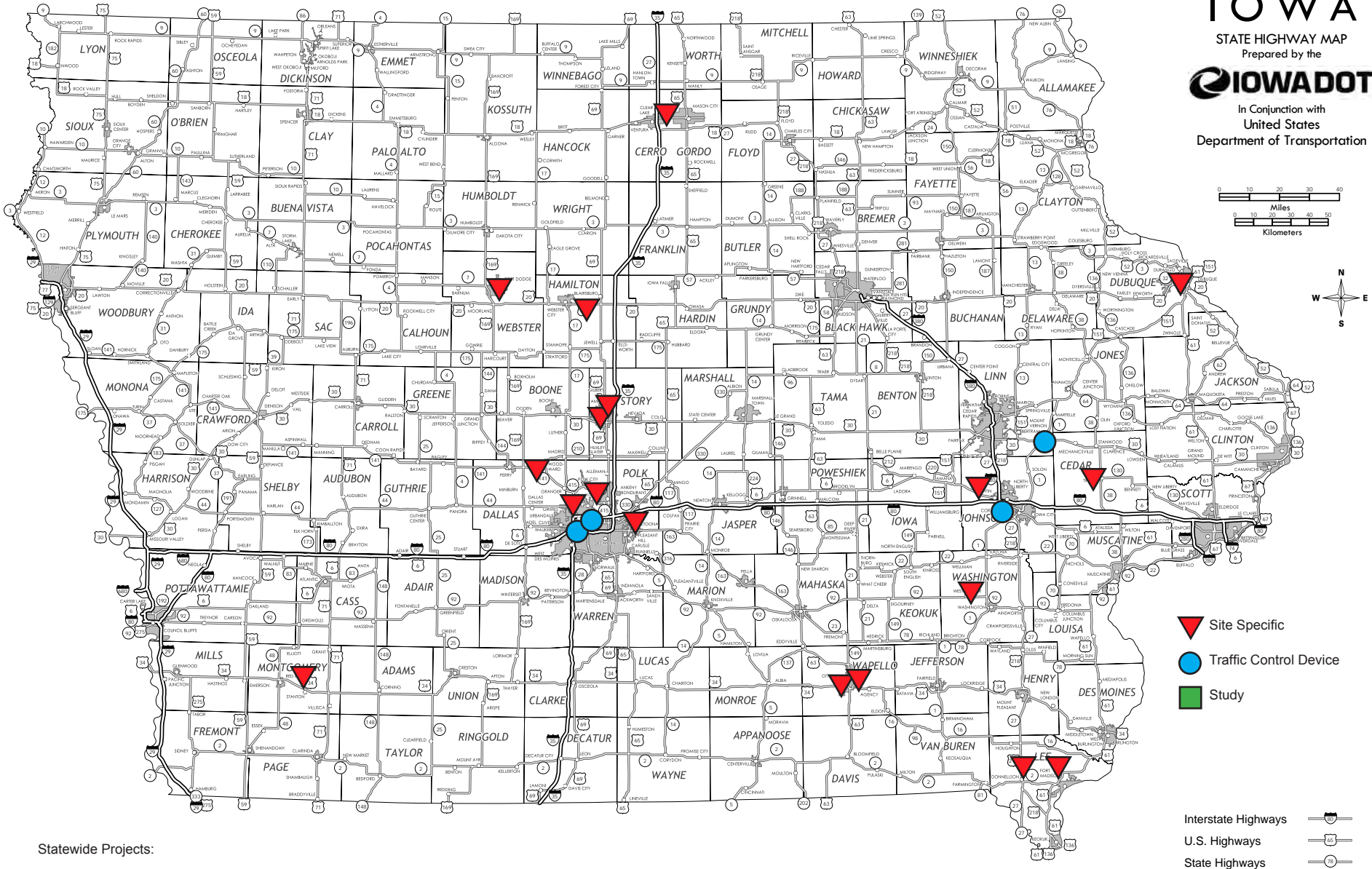
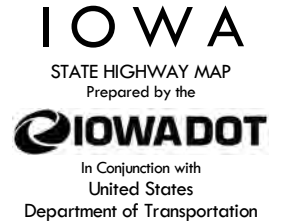
**Traffic Safety Improvement Program Projects  
Fiscal Year 2018 (continued)**




<b>Applicant</b>	<b>Location/Description</b>	<b>Funding Category</b>	<b>Approved Amount</b>
Iowa DOT - Rail	Rail Crossing Safety Education Support	Studies	\$ 10,000
* Iowa DOT - TAS	Local Roads Safety Liaison Program	Studies	\$ 40,000
Iowa DOT - TAS	Relationships between weather and roadway safety	Studies	\$ 40,000
Iowa DOT - TAS	Young Driver Study	Studies	\$ 60,000
Iowa DOT - TAS	Automating near miss crash detection using existing traffic cameras	Studies	\$ 50,000
Iowa DOT - Design	In Service Evaluation of Culvert Extensions	Studies	\$ 50,000
Iowa DOT - Design	In Service Evaluation of Railroad Signal and Stop Arm Pole Protection	Studies	\$ 50,000
Iowa DOT - TAS	Safety Issues at Low Volume Intersections	Studies	\$ 45,000
<b>TOTAL</b>	<b>38 Projects</b>		<b>\$ 8,518,540</b>




\* On behalf of local governments

# Traffic Safety Improvement Program Projects




## Fiscal Year 2018



-  Site Specific
-  Traffic Control Device
-  Study

-  Interstate Highways
-  U.S. Highways
-  State Highways

Statewide Projects:

-  0 Statewide Site Specific
-  1 Statewide Traffic Control Device
-  15 Statewide Studies





# **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 fiscal year (FY) 2018 through FY 2022. In general, contracts awarded during a fiscal year are constructed during the corresponding calendar year. This serves as the long range program for the primary road system and the annual accomplishment program as required by Iowa Code 307A.2(3). The highway section is arranged by county and route. A map showing the location of each 2018 project is located in this highway section of the Program.

## Highway Program Objectives

This Program includes continuing advances in the investment of funding to improve state roads and bridges. These advances are possible due to additional revenue authorized by Senate File 257 and signed into law on February 25, 2015. As directed by the legislation, 100 percent of the additional revenue allocated to the Iowa Department of Transportation (DOT) will be spent on road and bridge projects that are critical to maintaining Iowa's transportation infrastructure and create opportunities for expanded economic activity. A list of projects able to be funded due to Senate File 257 is included following this highway section of the Program.

The Commission and the Iowa DOT remain committed to providing modern, safe and efficient transportation services to the public. For FY 2018-2022, approximately \$3.5 billion is forecast to be available for highway right of way and construction. The highway section was developed to achieve several objectives. The Commission's primary investment objective remains stewardship (i.e. safety, maintenance and modernization) of Iowa's existing highway system. Over \$1.7 billion is programmed in FY 2018 through FY 2022 for modernization of Iowa's existing highway system and for enhanced highway safety features.

The Program includes over \$1.2 billion of investments in Iowa's state-owned bridges, which continues the Commission's objective to improve the condition of Iowa's bridges. Over the last few years, the number of structurally deficient bridges on the state highway system has been reduced from 256 in 2006 to 64 in 2016 as a result of this emphasis.

The Commission and DOT continue to recognize the importance of maintaining an effective functioning interstate system. The interstate system connects all transportation systems in Iowa and allows major freight movements to occur.

The highway section includes significant interstate investments on I-29 in Sioux City, the I-74 Mississippi River Bridge replacement in Bettendorf, and the system in Council Bluffs. Portions of these investments address stewardship needs.

The Commission was able to add construction for four-lane improvements to U.S. 61 in Des Moines and Louisa Counties from north of Mediapolis to one mile north of Iowa 78 and for six-lane improvements to I-80 in Cedar County. Additionally, the Commission was able to add construction for a new interchange on I-380 in Linn County for Tower Terrace Road in Hiawatha.

The Commission was able to add several significant one or two year projects that address safety and condition needs and these include Iowa 1 in Jefferson County in Fairfield, Iowa 3 in Dubuque County from north of Boy Scout Road to Sageville, Iowa 14 in Marshall and Grundy Counties from County Road E18 to Iowa 175, Iowa 17 in Boone County north of U.S. 30, U.S. 18 in Floyd County at the U.S. 218 intersection in Floyd, U.S. 30 in Story County from east of I-35 to east of 600th Avenue, U.S. 75 in Plymouth County from Hinton to Merrill, Iowa 92 in Keokuk County at the Iowa 21 and County Road V33 intersections, and Iowa 92 in Washington County from east of U.S. 218 to Iowa 70 in Columbus Junction.

The Commission remains committed to previous highway programming actions by maintaining schedules of all large multiyear corridor improvement projects. These multiyear corridor improvement projects include Iowa 3 in Dubuque County from Luxemburg to north of Boy Scout Road, U.S. 6 in Polk County from south of Euclid Avenue to north of E 38th Street in Des Moines, Iowa 13 in Linn County from north of County Home Road to south of Central City, U.S. 20 in Webster County from east of County Road P73 to Iowa 17, U.S. 20 in Black Hawk County from Iowa 21 to the Cedar River in Waterloo, U.S. 20 in Dubuque County at Swiss Valley Road, U.S. 30 in Tama/Benton Counties from the Tama Bypass to U.S. 218, U.S. 30 Mount Vernon/Lisbon bypass in Linn County, U.S. 30 in Clinton County at County Road Y62, U.S. 52 in Dubuque County on the Southwest Arterial, Iowa 57 in Black Hawk County from Hudson Road to Franklin Street in Cedar Falls, Iowa 58 in Black Hawk County at Viking road in Cedar Falls, U.S. 61 in Des Moines County from Burlington to north of Mediapolis, U.S. 63 in Wapello County from County Road J12 to U.S. 34 in Ottumwa, U.S. 65 in Jasper County at Iowa 117/330, U.S. 69 in Polk County from I-80 to SE 33rd Street in Ankeny, U.S. 69 in Wright County from north of the railroad to County Road C20, Iowa 100 in Linn County from U.S. 30 to

Covington Road in Cedar Rapids, Iowa 122 in Cerro Gordo County from Monroe Avenue to Carolina Avenue in Mason City, Iowa 141 in Monona County from east of County Road L32 to west of County Road L37, Iowa 146 in Marshall County from County Road E49 to U.S. 30, U.S. 151 in Linn County from south of Church Street in Fairfax to north of Dean Road, U.S. 218 in Black Hawk County from Broadway Street to the Airport Interchange in Waterloo, and Iowa 934 in Waterloo from Midway Drive to U.S. 63 (transfer of jurisdiction).

The bar chart on the next page summarizes the FY 2018-2022 Highway Program by funding category. The chart also shows the scope of projects being developed but not yet funded. The pie chart on the right summarizes the FY 2018-2022 Highway Program by work type.

A large part of funding available for highway programming comes from the federal government. Accurately estimating future federal funding levels is dependent on having a multiyear federal transportation authorization bill. The current authorization, Fixing America's Surface Transportation (FAST) Act, was signed into law on December 4, 2015. For the first time in many years, this authorization bill provides federal funding certainty for most of the time period covered by the Program. However, it is a five-year authorization bill that will expire on September 30, 2020, which is before the fourth year of the FY 2018-2022 Highway Program. Therefore, there is some federal funding uncertainty after this date.

**Public Participation**

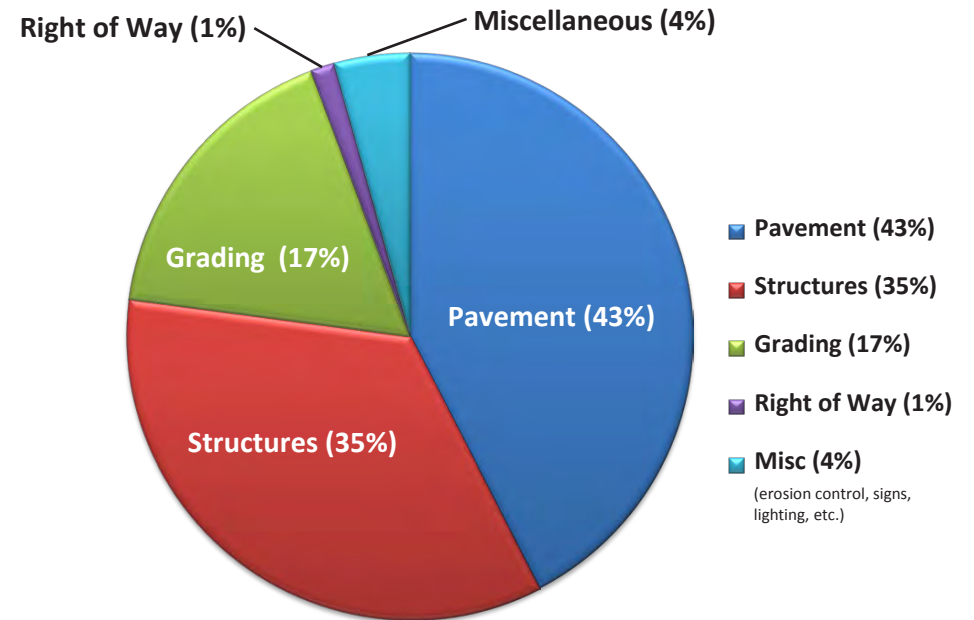
Throughout the year, DOT staff meets with individuals, local agencies and organizations to discuss potential projects and transportation issues. Comments on the proposed program are encouraged.

During 2016, 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, Sioux City, and Dubuque. Approximately 39 delegations presented their views.

**Highway Program Information and Services**

On a periodic basis, the Commission considers adjustments to the highway program. Information regarding these changes can be accessed on the DOT's website at [iowadot.gov/program\\_management/five-year-program](http://iowadot.gov/program_management/five-year-program).

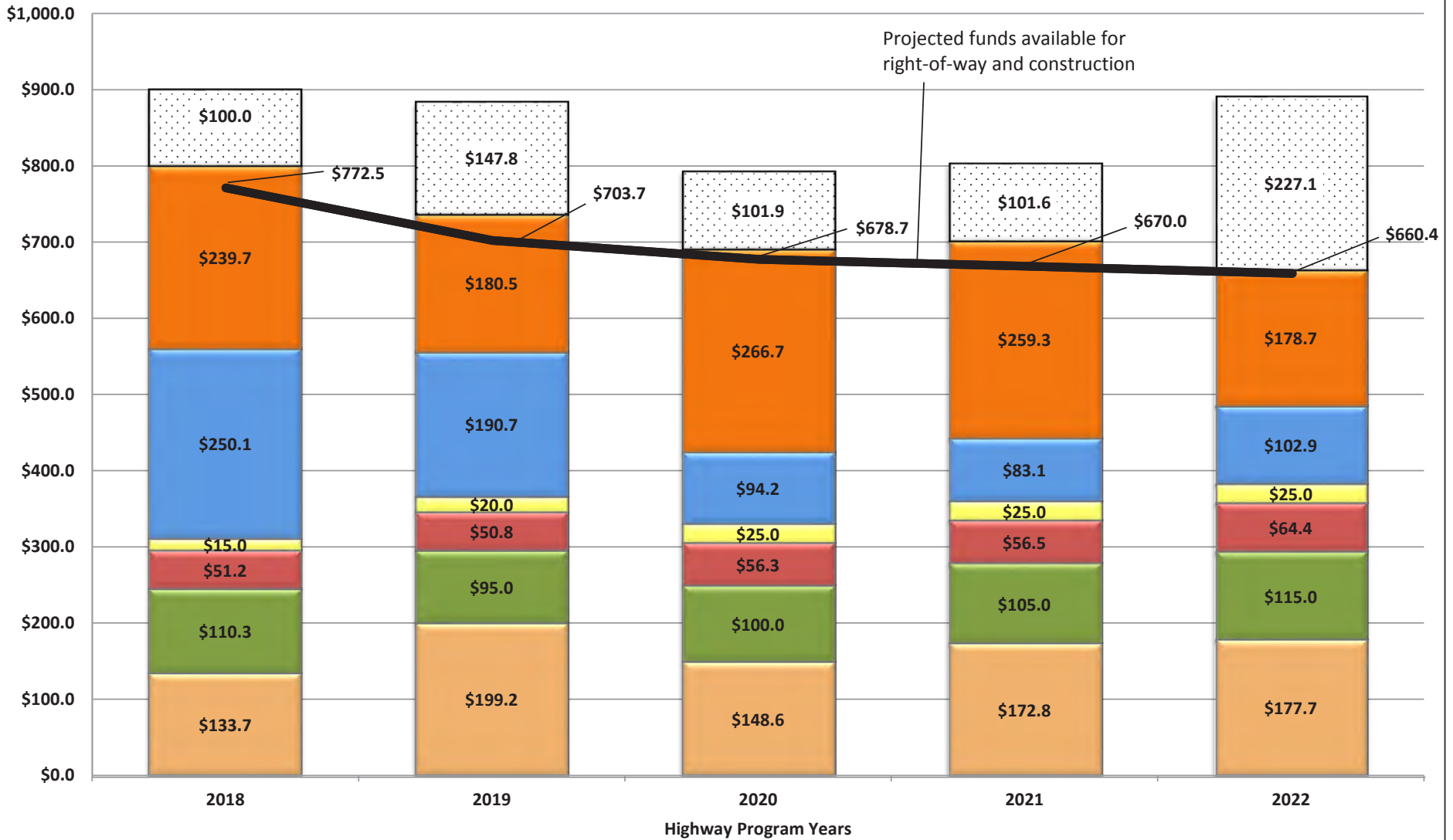
**2018-2022 Highway Program by Work Type**





# 2018-2022 Highway Program by Funding Category

For Planning Purposes Only (x \$1,000,000)



2018 - \$27.5 million over programmed  
 2019 - \$32.5 million over programmed  
 2020 - \$12.1 million over programmed  
 2021 - \$31.7 million over programmed  
 2022 - \$3.3 million over programmed

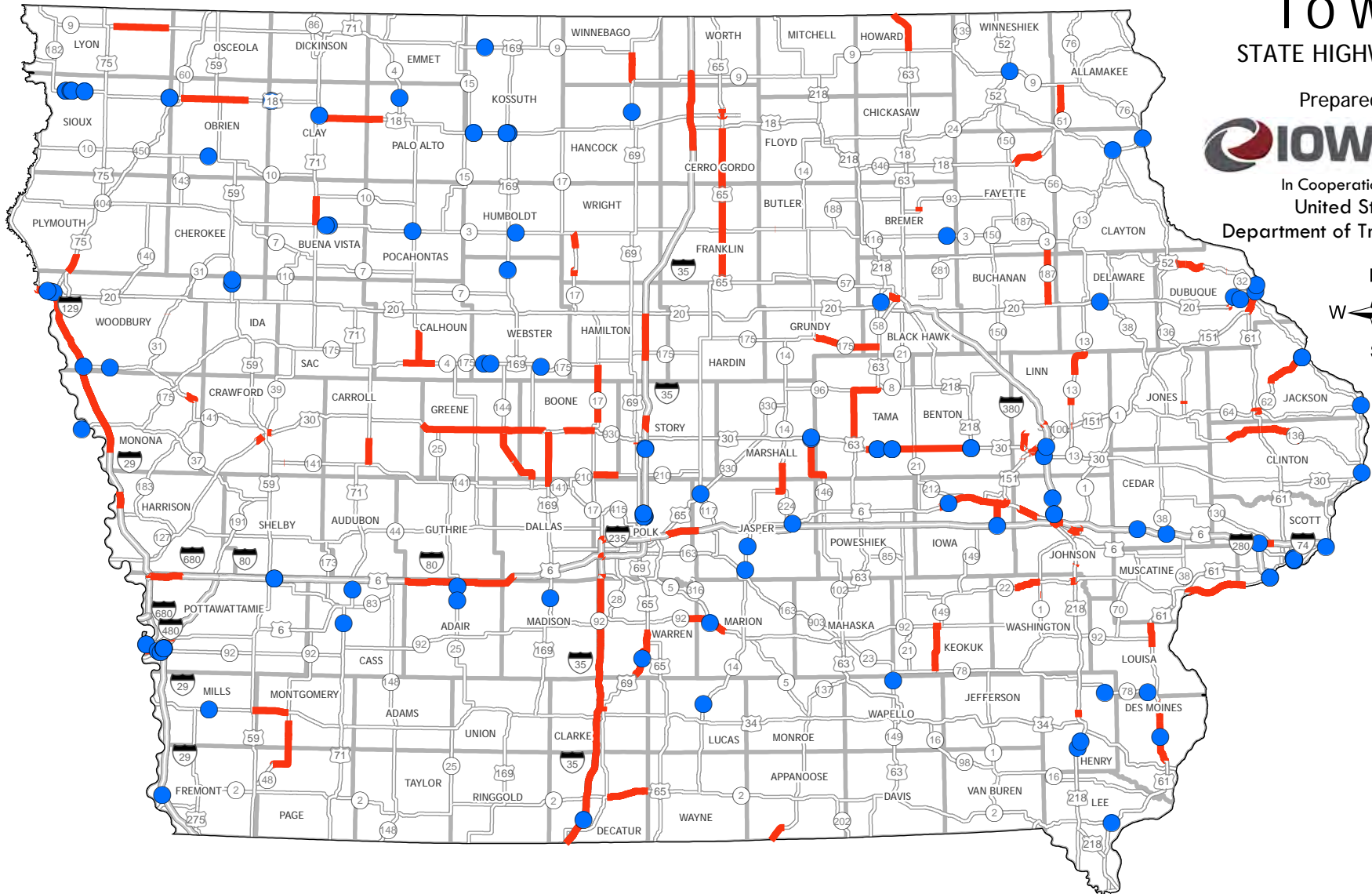
# 2018 Iowa Highway Program

## IOWA STATE HIGHWAY MAP

Prepared by



In Cooperation With  
United States  
Department of Transportation



### Notes:

- Does not include minor right of way, erosion control, patching, bridge cleaning, or other minor projects.
- Only the 2018 portion of the multiyear projects is shown.
- Map is subject to change and is not to scale.

- 2018 Structural Projects
  - 2018 Roadway Projects
- Highway Program Page 50

# HIGHWAY PROGRAM KEY

(1) RTE	(2) LOCATION	(3) MILES	(4) TYPE OF WORK	(5) PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
	(78) POTTAWATTAMIE								
80	I-29/80/480 INTERSTATES IN COUNCIL BLUFFS (CBIS) STATE SHARE	4.0	BRIDGE NEW	74180	13500	48520	66830		
			BRIDGE REPLACEMENT		5230	12260			48200
			CULVERT NEW	1320	750				
			EROSION CONTROL	456					
			GRADE AND PAVE	31100	27500	74890	70960		46960
			GRADING	7380	8760	3000			2500
			LIGHTING	1300	850	1170			850
			MITIGATION	500		100			
			NOISE WALL						1250
			PAVEMENT MARKINGS	800	800	800	800		800
			RIGHT OF WAY	5500	8000				
			TRAFFIC SIGNS	4750	3750	2795	2575		4905

Explanation of columns using the examples above:

- (1) Project is on I-80
- (2) The project is in Pottawattamie County, on I-80/I-29/I-480 in Council Bluffs
- (3) The project is 4.0 miles in length
- (4) Type of work programmed is as listed
- (5) Project costs programmed for each year

## ABBREVIATIONS

AVE - Avenue	NE - Northeast
BLVD - Boulevard	NW - Northwest
CO - County	RD - Road
CBIS - Council Bluffs Interstate System	RR - Railroad
DR - Drive	S - South
E - East	SB - Southbound
ECL - East Corporate Limits	SCL - South Corporate Limits
EB - Eastbound	SE - Southeast
I - Interstate	ST - Saint
IA - Iowa	ST - Street
JCT - Junction	SW - Southwest
LOC - Locations	US - United States
MI - Mile	VAR - Various
N - North	W - West
NB - Northbound	WB - Westbound
NCL - North Corporate Limits	WCL - West Corporate Limits

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
(01) ADAIR									
25	NORTH TURKEY CREEK 4.6 MI S OF I-80		BRIDGE REPLACEMENT	1439					
25	MIDDLE RIVER 1.2 MI S OF I-80		BRIDGE REPLACEMENT	2012					
25	I-80 INTERCHANGE		BRIDGE DECK OVERLAY						420
80	CASS CO TO JORDAN CREEK PKWY IN WEST DES MOINES		GUARDRAIL REPAIR	215	215	215	215	215	
80	0.6 MI E OF CO RD P28 TO DALLAS CO (WB)	5.4	PAVEMENT PLANING					305	
92	MARVEL CREEK 0.3 MI W OF CO RD P33		BRIDGE REPLACEMENT RIGHT OF WAY		8	1670			
(02) ADAMS									
148	MIDDLE NODAWAY RIVER 1.8 MI S OF S JCT CO RD H20		BRIDGE DECK OVERLAY					590	
(03) ALLAMAKEE									
9	MISSISSIPPI RIVER IN LANSING (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20	20
9	MISSISSIPPI RIVER IN LANSING (STATE SHARE)		BRIDGE REHABILITATION		250				
51	3 MI N OF POSTVILLE TO IA 9	8.0	PAVEMENT WIDEN	1285					
51	YELLOW RIVER 4.0 MI N OF US 18		BRIDGE DECK OVERLAY		530				
76	MINERAL CREEK 1.6 MI S OF CO RD A26		BRIDGE DECK OVERLAY					200	
76	0.15 MI N OF CO RD A26		RIGHT OF WAY RIP RAP		3 200				
(04) APPANOOSE									
2	WALNUT CREEK 0.8 MI E OF CO RD S70		BRIDGE DECK OVERLAY						275
2	COOPER CREEK 1.5 MI W OF IA 5		BRIDGE DECK OVERLAY					420	

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
5	MISSOURI TO LIBERTY ST IN CINCINNATI	4.7	PAVEMENT REHAB	2200				
5	NORTH CREEK 2.6 MI S OF CO RD T20		BRIDGE REPLACEMENT					1550
5	SHOAL CREEK 2.8 MI N OF CO RD T20		BRIDGE REPLACEMENT				1200	
5	DITCH 0.6 MI S OF CO RD T30		BRIDGE REPLACEMENT				860	
	(05) AUDUBON							
71	EAST NISHNABOTNA RIVER 0.2 MI S OF CO RD F58		BRIDGE REHABILITATION			350		
	(06) BENTON							
30	TAMA CO TO W JCT US 218	14.0	BRIDGE NEW CULVERT REPLACEMENT GRADING MITIGATION PAVING RIGHT OF WAY TRAFFIC SIGNS	1700		9500	1974 432 20273 800	16580 343
30	US 218 INTERCHANGE	0.3	BRIDGE NEW EROSION CONTROL GRADE AND PAVE LIGHTING TRAFFIC SIGNS	1719		218	15275 234 523	
30	MUD CREEK 0.9 MI W OF CO RD W14		RIP RAP	106				
380	IA 150 TO 0.2 MI S OF E JCT US 20 (NB)	20.9	PAVEMENT REHAB			7971		
380	IA 150 TO 0.2 MI S OF E JCT US 20 (SB)	20.9	PAVEMENT REHAB				8330	
	(07) BLACK HAWK							
20	IA 21 TO THE CEDAR RIVER IN WATERLOO (EB & WB)	1.9	GRADE AND PAVE		11663			
27	US 20 TO RIDGEWAY AVE IN CEDAR FALLS (NB & SB)	0.3	GRADE AND PAVE		1267			

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
57	HUDSON RD TO FRANKLIN ST IN CEDAR FALLS (STATE SHARE)	0.9	GRADE AND PAVE		5750			
58	IN CEDAR FALLS AT VIKING RD STATE SHARE	0.5	BRIDGE NEW	3300				
			GRADE AND PAVE	16997				
			RIGHT OF WAY	600				
			TRAFFIC SIGNS	100				
218	US 63 TO GREENHILL RD IN WATERLOO (NB)		PATCHING	2490				
218	BROADWAY ST TO AIRPORT INTERCHANGE IN WATERLOO (NB)	1.3	GRADE AND PAVE			4129		
934	IN WATERLOO FROM MIDWAY DR TO US 63 TRANSFER OF JURISDICTION	2.9	GRADE AND PAVE	5000	5000			
	(08) BOONE							
17	0.5 MI N OF US 30 TO 3 MI N		RIGHT OF WAY					500
17	S OF UP RR TO S JCT IA 175	14.0	PAVEMENT REHAB	5556				
30	W OF CO RD R18 TO E OF IA 17	7.8	PAVEMENT REHAB	700				
30	CO RD R18 INTERSECTION	0.5	GRADE AND PAVE		1196			
			RIGHT OF WAY		1			
210	DES MOINES RIVER 0.3 MI E OF CO RD E62		BRIDGE REHABILITATION					3440
210	IA 17 IN MADRID TO WCL OF SLATER	6.0	PAVEMENT REHAB	2600				
	(09) BREMER							
3	DITCH 0.2 MI W OF US 218		BRIDGE DECK OVERLAY		460			
3	BUCK CREEK 0.6 MI E OF CO RD V56		BRIDGE REPLACEMENT	1472				
			MITIGATION	100				
			RIGHT OF WAY	5				
93	7TH AVE SE TO NCL OF TRIPOLI (STATE SHARE)	0.8	PAVEMENT REHAB	492				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
(10) BUCHANAN								
20	BLACK HAWK CO TO DELAWARE CO		GRADING		45			
20	IA 150 INTERCHANGE IN INDEPENDENCE (EB & WB)		BRIDGE DECK OVERLAY					417
150	BENTON CO TO FAYETTE CO		GRADING RIGHT OF WAY		695 10			
187	US 20 TO IA 3	15.1	PAVEMENT REHAB	720				
281	FAIRBANK TO IA 150		GRADING RIGHT OF WAY		128 10			
(11) BUENA VISTA								
3	NORTH RACCOON RIVER 2.5 MI E OF US 71		BRIDGE REPLACEMENT	1366				
3	DITCH 3.3 MI E OF US 71		BRIDGE REPLACEMENT	484				
3	DITCH 0.4 MI W OF CO RD M54		CULVERT REPLACEMENT				821	
71	IA 3 TO S JCT IA 10	6.8	PAVEMENT REHAB RIGHT OF WAY	5929 5				
(12) BUTLER								
3	WEST FORK CEDAR RIVER 0.8 MI E OF CO RD T16		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY			5345 100		
14	IANR RR 1.0 MI N OF CO RD C13		BRIDGE DECK OVERLAY		420			
57	GRAN CREEK 0.5 MI E OF CO RD T19		BRIDGE REPLACEMENT					950
188	STREAM 1.9 MI N OF CO RD C33		BRIDGE DECK OVERLAY					220
188	DRY RUN CREEK 3.4 MI W OF US 218		RIP RAP	127				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
(13) CALHOUN								
4	READING CREEK 3.1 MI S OF S JCT IA 175		BRIDGE DECK OVERLAY		382			
4	CO RD N65 TO W JCT IA 175	4.9	PAVEMENT REHAB	358				
4	PURGATORY CREEK 2.8 MI S OF N JCT IA 175		BRIDGE DECK OVERLAY					410
4	W JCT IA 175 TO NEAR SCL ROCKWELL CITY	7.8	PAVEMENT REHAB	540				
175	N HARBOW ST IN LAKE CITY TO W JCT IA 4	3.9	PAVEMENT REHAB	243				
(14) CARROLL								
30	UP RR 1.1 MI W OF US 71		BRIDGE DECK OVERLAY			890		
71	E JCT IA 141 TO CO RD E46	6.5	PAVEMENT WIDEN	1744				
(15) CASS								
6	INDIAN CREEK 0.4 MI E OF IA 48		BRIDGE DECK OVERLAY					600
6	EAST NISHNABOTNA RIVER 2.3 MI S OF I-80		BRIDGE REHABILITATION	849				
48	BAUGHMANS CREEK 0.2 MI S OF IA 92 IN GRISWOLD		BRIDGE DECK OVERLAY			235		
48	EAST NISHNABOTNA RIVER 2.0 MI S OF US 6		BRIDGE DECK OVERLAY			300		
71	LONE TREE CREEK 0.1 MI S OF CO RD G35		SLOPE IMPROVEMENT	274				
80	POTTAWATTAMIE CO TO S JCT I-35		PATCHING	200	200	200	200	200
80	0.7 MI E OF IA 173 TO 0.7 MI W OF US 71 (WB)	4.6	PAVEMENT PLANING				261	
80	0.7 MI W OF US 71 TO ADAIR CO (EB)	13.4	PAVEMENT PLANING				765	
80	1.4 MI W OF CO RD N28 TO 1.1 MI W OF CO RD N28 (WB)	0.3	GRADE AND PAVE				665	
80	0.4 MI E OF CO RD N28 TO 0.6 MI E OF CO RD N28 (WB)	0.2	GRADE AND PAVE				475	



2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
83	EAST NISHNABOTNA RIVER 1.1 MI W OF W JCT US 6 (16) CEDAR		BRIDGE DECK OVERLAY					290
38	OVER W JCT I-80		BRIDGE DECK OVERLAY	634				
38	DITCH 1.0 MI N OF US 30		CULVERT NEW RIGHT OF WAY		1	1141		
80	JOHNSON CO TO SCOTT CO		PATCHING	200	200	200	200	200
80	CO RD X40 6.1 MI E OF JOHNSON CO		BRIDGE DECK OVERLAY	260				
80	E OF THE CEDAR RIVER TO W OF CO RD Y26	11.0	BRIDGE REPLACEMENT GRADING RIGHT OF WAY					12579 20021 400
80	IA 38 TO US 6 (VAR RAMP LOC) (17) CERRO GORDO	4.5	PAVEMENT REHAB				997	
18	UP RR 0.7 MI E OF US 65 (EB)		BRIDGE DECK OVERLAY		480			
35	3.0 MI S OF CO RD B43 TO 1.0 MI N OF IA 9 (VAR LOC)	21.0	PAVEMENT REHAB	1182				
35	0.7 MI S OF CO RD B20 TO 1.1 MI S OF IA 9 (NB & SB)	5.7	PAVEMENT REHAB TRAFFIC SIGNS	6793 150				
65	E BRANCH BEAVERDAM CR 0.7 MI S OF CO RD B60		BRIDGE REPLACEMENT MITIGATION				1105 80	
65	E BRANCH BEAVERDAM CR 0.4 MI N OF CO RD B60		BRIDGE REPLACEMENT RIGHT OF WAY		4	1644		
65	E BRANCH BEAVERDAM CR 1.1 MI N OF CO RD B60		BRIDGE REPLACEMENT RIGHT OF WAY		4	1921		
65	E BRANCH BEAVERDAM CR 1.7 MI N OF CO RD B60		BRIDGE REPLACEMENT					1575
65	WILLOW CREEK 0.1 MI N OF IA 122 IN MASON CITY (SB)		BRIDGE DECK OVERLAY		418			

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
65	6TH ST N TO 18TH ST N IN MASON CITY STATE SHARE	1.0	PAVEMENT REHAB RIGHT OF WAY	1679 11				
65	WINNEBAGO RIVER 0.1 MI N OF S JCT CO RD B20 (NB)		BRIDGE DECK OVERLAY				500	
122	WILLOW CREEK 4.4 MI E OF I-35 (WB)		BRIDGE DECK OVERLAY					220
122	IN MASON CITY FROM MONROE AVE TO CAROLINA AVE STATE SHARE	1.1	GRADE AND PAVE TRAFFIC SIGNALS	7076 286				
	(19) CHICKASAW							
18	BRANCH LITTLE WAPSIPINICON RIVER 1.9 MI W OF US 63		BRIDGE DECK OVERLAY			175		
63	SPRING CREEK 2.7 MI S OF CO RD B17		BRIDGE DECK OVERLAY			296		
	(20) CLARKE							
69	SOUTH WHITE BREAST CREEK 1.6 MI N OF CO RD J12		BRIDGE DECK OVERLAY		264			
69	WHITE BREAST CREEK 4.9 MI S OF US 34		BRIDGE DECK OVERLAY				250	
69	WHITE BREAST CREEK 0.9 MI S OF US 34		BRIDGE DECK OVERLAY		350			
69	N OF SHAW ST IN OSCEOLA TO CO RD R35	1.1	PAVEMENT REHAB	423				
	(21) CLAY							
18	OCHEYEDAN RIVER OVERFLOW 2.4 MI W OF CO RD M27		BRIDGE DECK OVERLAY	121				
18	LITTLE SIOUX RIVER 0.7 MI W OF E JCT US 71		BRIDGE DECK OVERLAY	253				
18	S JCT US 71 TO CO RD N28	15.5	PAVEMENT REHAB	1269				
18	PICKERAL RUN CREEK 1.0 MI E OF CO RD M54		BRIDGE DECK OVERLAY					275
	(22) CLAYTON							
18	DRY RUN CREEK 0.6 MI W OF E JCT US 52		BRIDGE DECK OVERLAY	526				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
18	MISSISSIPPI RIVER IN MARQUETTE (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20
18	MISSISSIPPI RIVER IN MARQUETTE (STATE SHARE)		BRIDGE DECK OVERLAY	2750				
52	LITTLE TURKEY RIVER 0.3 MI S OF CO RD C9Y (23) CLINTON		BRIDGE DECK OVERLAY		488			
30	CO RD Y62 0.95 MI W OF US 61	0.7	GRADE AND PAVE RIGHT OF WAY		1642 8			
30	S 6TH AVE 1.5 MI E OF S JCT US 61 (EB & WB)		BRIDGE DECK OVERLAY			880		
30	UP RR 5.8 MI E OF S JCT US 61 (EB & WB)		BRIDGE DECK OVERLAY					1320
30	MISSISSIPPI RIVER IN CLINTON (STATE SHARE)		BRIDGE REHABILITATION	30				30
30	MISSISSIPPI RIVER IN CLINTON STATE SHARE		BRIDGE CLEANING BRIDGE REHABILITATION	20	20 400	20	20	20
136	MISSISSIPPI RIVER IN CLINTON (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20
136	2.4 MI W OF US 67 TO CHARLOTTE		CULVERT REPLACEMENT MITIGATION		1095 28			
136	CHARLOTTE TO US 61	10.8	PAVEMENT REHAB	672				
136	US 61 TO LOST NATION (24) CRAWFORD	8.7	PAVEMENT REHAB	550				
30	BEGIN 4-LANE E OF BOYER RIVER TO E OF LINCOLN WAY (WB)	1.6	PAVEMENT REHAB	891				
30	N JCT US 59 TO 0.1 MI E OF 20TH ST IN DENISON	1.0	PAVEMENT PLANING	989				
30	DITCH 3.8 MI E OF CO RD M36		BRIDGE DECK OVERLAY				435	
141	STREAM 1.3 MI E OF CO RD M36	0.1	GRADING RIGHT OF WAY	219 2				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
(25) DALLAS									
80	CO RD P53/F60 TO 60TH ST IN WEST DES MOINES (EB)	22.3	GRADE AND PAVE		2123				
80	CO RD P58 TO POLK CO (WB)	15.7	PAVEMENT PLANING					895	
80	US 6/169 IN DE SOTO TO CO RD R16	3.1	BRIDGE REPLACEMENT GRADE AND PAVE LIGHTING RIGHT OF WAY TRAFFIC SIGNS			10621			12782 11412 160 1000
80	UP RR W OF JORDAN CREEK PARKWAY TO I-35/235		PAVEMENT MARKINGS	100					
144	NCL OF PERRY TO SCL OF RIPPEY	7.7	PAVEMENT REHAB	3200					
169	IA 141 TO US 30	13.3	PAVEMENT REHAB	9000					
(26) DAVIS									
63	NORTH FABIUS CREEK 2.1 MI S OF CO RD J51		BRIDGE DECK OVERLAY				375		
63	CARTER CREEK 3.7 MI S OF IA 2		BRIDGE DECK OVERLAY				350		
63	SOAP CREEK 0.9 MI S OF WAPELLO CO		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY					4929 400	
							90		
(27) DECATUR									
2	ECL OF LEON TO WAYNE CO (STATE SHARE)	9.7	PAVEMENT REHAB	5211					
35	MISSOURI TO POLK CO		GUARDRAIL REPAIR	100	100	100	100	100	100
35	MISSOURI TO W JCT I-80		PATCHING	600	600	600	600	600	600
35	S OF REST AREA TO S OF IA 2 (NB)	6.1	GRADE AND PAVE TRAFFIC SIGNS	13899 355					

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
35	S OF REST AREA TO S OF IA 2 (SB)	6.1	GRADE AND PAVE TRAFFIC SIGNS		13814 57				
35	GRAND RIVER 3.1 MI N OF US 69 (NB)		BRIDGE DECK OVERLAY	435					
35	GRAND RIVER 3.1 MI N OF US 69 (SB)		BRIDGE DECK OVERLAY		457				
	(28) DELAWARE								
20	CO RD X15/180TH AVE 1.2 MI E OF IA 13		BRIDGE DECK OVERLAY					470	
20	HATCHERY RD & SPRING BRANCH CR 2.8 MI W OF IA 38 EB & WB		BRIDGE DECK OVERLAY TRAFFIC SIGNS	1111 100					
20	BRANCH PLUM CREEK 5.0 MI E OF IA 38 (EB)		BRIDGE DECK OVERLAY						99
38	ALLISON CREEK 0.3 MI S OF CO RD X35		BRIDGE DECK OVERLAY					450	
	(29) DES MOINES								
34	EB TO SB RAMP OVER HIGH ST IN BURLINGTON		BRIDGE REHABILITATION			100			
34	MISSISSIPPI RIVER IN BURLINGTON (STATE SHARE)		BRIDGE CLEANING	25	25	25	25	25	25
34	MISSISSIPPI RIVER IN BURLINGTON (STATE SHARE)		BRIDGE DECK OVERLAY			3250			
61	MEMORIAL PARK RD IN BURLINGTON TO S OF 210TH ST	10.2	BRIDGE NEW BRIDGE REPLACEMENT CULVERT REPLACEMENT EROSION CONTROL GRADE AND PAVE GRADING MITIGATION PAVING TRAFFIC SIGNS	486	2322			2296	1789
				17297 755			31307		
						19300			
						125	125		

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
61	S OF 210TH ST TO N OF MEDIAPOLIS	2.5	BRIDGE NEW CULVERT REPLACEMENT GRADE AND PAVE GRADING RIGHT OF WAY	2000			1400	4192 144 15358
61	N OF MEDIAPOLIS TO 1 MI N OF IA 78		RIGHT OF WAY					2400
61	2.5 MI S OF IA 78	0.1	GRADING RIGHT OF WAY	100 2				
	(31) DUBUQUE							
3	ECL OF LUXEMBURG TO TOLLGATE RD (CO RD Y13)	4.1	GRADE AND PAVE RIGHT OF WAY	300	6644			
3	TOLLGATE RD (CO RD Y13) TO E JCT PFEILER RD	5.1	GRADE AND PAVE	10009				
3	E JCT PFEILER RD TO 0.7 MI N OF BOY SCOUT RD	4.6	GRADE AND PAVE RIGHT OF WAY		215	8344		
3	0.7 MI N OF BOY SCOUT RD TO S OF CO RD C9Y IN SAGEVILLE	6.1	GRADE AND PAVE RIGHT OF WAY				303	18896
3	1.0 MI NW OF DURANGO		RIGHT OF WAY RIP RAP	5	183			
20	N FORK MAQUOKETA RIVER 0.5 MI W OF IA 136 (EB)		BRIDGE DECK OVERLAY					283
20	IA 136 INTERCHANGE IN DYERSVILLE (EB & WB)		BRIDGE DECK OVERLAY					467
20	CO RD Y13/1ST ST S INTERCHANGE IN FARLEY (EB & WB)		BRIDGE DECK OVERLAY					260
20	CO RD Y17 IN EPWORTH (EB & WB)		BRIDGE DECK OVERLAY					276

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
20	SWISS VALLEY RD SW OF DUBUQUE	2.3	BRIDGE NEW BRIDGE REPLACEMENT CULVERT NEW EROSION CONTROL GRADE AND PAVE LIGHTING MITIGATION RIGHT OF WAY TRAFFIC SIGNS		1353 923 110  23423 82 350 10000 250		428	
20	MIDDLE BRANCH CATFISH CREEK & CC RR IN DUBUQUE (EB)		BRIDGE DECK OVERLAY					377
20	MISSISSIPPI RIVER IN DUBUQUE (STATE SHARE)		BRIDGE CLEANING	25	25	25	25	25
20	MISSISSIPPI RIVER IN DUBUQUE (STATE SHARE)		LIGHTING	478				
20	MISSISSIPPI RIVER IN DUBUQUE (STATE SHARE)		BRIDGE REHABILITATION			240		
52	0.3 MI S OF ST CATHERINE RD TO 0.1 MI S OF US 61/151		GRADING		143			
52	US 61/US 151 TO US 20 IN DUBUQUE (SW ARTERIAL) STATE SHARE	6.1	BRIDGE NEW EROSION CONTROL GRADING PAVING TRAFFIC SIGNS	36582 7505 950		477		29658
52	IN DUBUQUE ON 11TH ST AND ON WHITE ST (STATE SHARE)	0.3	PAVEMENT REHAB	262				
61	0.6 MI N OF CO RD D55 TO S OF US 52		GRADING		493			
61	PEOSTA CHANNEL 0.3 MI N OF US 52 IN DUBUQUE		BRIDGE REHABILITATION	2220				
61	MISSISSIPPI RIVER IN DUBUQUE (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20
151	0.3 MI S OF N CASCADE RD TO 0.5 MI S OF US 61		GRADING		441			
	(32) EMMET							
4	DITCH 1.6 MI N OF CO RD B14		BRIDGE REPLACEMENT RIGHT OF WAY		1353 1			

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
4	DITCH 2.5 MI N OF CO RD B14		BRIDGE REPLACEMENT RIGHT OF WAY		1203 1			
15	BLACK CAT CREEK 6.3 MI S OF IA 9 (33) FAYETTE		BRIDGE DECK OVERLAY		200			
3	OTTER CREEK 2.4 MI W OF W JCT IA 150		BRIDGE DECK OVERLAY				250	
18	CO RD B64 TO 0.1 MI W OF GREAT RIVER RD IN CLERMONT (34) FLOYD	7.5	PAVEMENT REHAB/WIDEN	6053				
18	US 218/IA 27 INTERSECTION IN FLOYD (35) FRANKLIN	0.2	BRIDGE NEW GRADE AND PAVE LIGHTING RIGHT OF WAY TRAFFIC SIGNS				1000	4155 12256 64 125
35	CO RD C47 TO 1.5 MI N OF CO RD C25	11.7	PAVEMENT REHAB			1250		
35	1.5 MI N OF CO RD C25 TO 3.0 MI S OF CO RD B43	14.0	PAVEMENT REHAB		1300			
65	IA 57 TO US 18	37.6	PAVEMENT REHAB	1457				
65	SQUAW CREEK 0.2 MI N OF IA 3 IN HAMPTON		BRIDGE REPLACEMENT RIGHT OF WAY			682		
65	SPRING CREEK 1.3 MI N OF IA 3		BRIDGE REPLACEMENT RIGHT OF WAY			1863		
65	BAILEY CREEK 0.8 MI S OF S JCT CO RD C13 (36) FREMONT		BRIDGE REPLACEMENT					2100
2	MISSOURI RIVER E OF NEBRASKA CITY (STATE SHARE)		BRIDGE CLEANING	21	21	21	21	21



2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
2	MISSOURI RIVER E OF NEBRASKA CITY STATE SHARE		BRIDGE DECK OVERLAY BRIDGE REHABILITATION				695 348	
2	STREAM 3.9 MI E OF I-29		BRIDGE DECK OVERLAY					490
29	MISSOURI TO HARRISON CO		PATCHING	600	600	600	600	600
29	MAIN DITCH #6 0.4 MI S OF IA 133 (NB & SB)		BRIDGE DECK OVERLAY					960
29	CO RD L31 2.9 MI N OF IA 2		BRIDGE DECK OVERLAY	410				
	(37) GREENE							
30	CARROLL CO TO 4-LANE SECTION AT OGDEN	30.3	PAVEMENT REHAB	68				
144	SCL OF RIPPEY TO SCL OF GRAND JUNCTION	7.7	PAVEMENT REHAB	3200				
144	EAST BUTTRICK CREEK 4.0 MI S OF IA 175		BRIDGE REPLACEMENT					1120
	(38) GRUNDY							
175	MINNEHAHA CREEK 0.3 MI E OF CO RD T45		BRIDGE DECK OVERLAY			233		
175	2ND ST IN GRUNDY CENTER TO US 63	16.0	PAVEMENT REHAB/WIDEN	6234				
175	STREAM 0.4 MI W OF CO RD T53		BRIDGE REPLACEMENT RIGHT OF WAY	5	967			
175	MOSQUITO CREEK 1.2 MI W OF CO RD T65		BRIDGE DECK OVERLAY			333		
	(39) GUTHRIE							
44	SEELY CREEK 1.3 MI W OF CO RD N70		MITIGATION	80				
44	MIDDLE RACCOON RIVER 1.2 MI W OF IA 4		BRIDGE DECK OVERLAY				660	
	(40) HAMILTON							
35	2.0 MI S OF IA 175 TO 1.0 MI N OF IA 175 (SB)	3.0	PAVEMENT REHAB	2195				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
35	IA 175 INTERCHANGE	0.5	EROSION CONTROL GRADE AND PAVE LIGHTING MITIGATION RIGHT OF WAY TRAFFIC SIGNS		5100 51 40 60 57		171		
35	IA 175 TO US 20  (41) HANCOCK		GUARDRAIL	1317					
69	EAST BRANCH IOWA RIVER 3.8 MI N OF N JCT US 18  (43) HARRISON		BRIDGE REPLACEMENT RIGHT OF WAY	920 2					
29	POTTAWATTAMIE CO TO SOUTH DAKOTA		PATCHING	800	800	800	800	800	
29	0.4 MI N OF UP RR TO 0.5 MI N OF IA 127 (SB)	14.3	GRADE AND PAVE		30364				
29	IA 127 OVER I-29		BRIDGE DECK OVERLAY		1030				
29	1.4 MI N OF IA 127 TO 0.6 MI S OF IA 301 (NB)	4.1	PAVEMENT REHAB	2769					
29	1.4 MI N OF IA 127 TO 0.6 MI S OF IA 301 (SB)	4.1	PAVEMENT REHAB					3060	
29	CO RD F20 TO IA 141 (VAR RAMP LOC)	1.5	PAVEMENT REHAB					1246	
30	MISSOURI RIVER E OF BLAIR NEBRASKA (STATE SHARE)		BRIDGE CLEANING	15	15	15	15	15	
30	WILSON DITCH 2.1 MI W OF I-29		BRIDGE REPLACEMENT						2100
30	IN MISSOURI VALLEY AT WILLOW CR 0.6 MI E OF I-29		BRIDGE DECK OVERLAY		473				
30	STREAM 2.3 MI E OF CO RD F32		BRIDGE REPLACEMENT						2000
30	BOYER RIVER 3.7 MI W OF IA 37		BRIDGE DECK OVERLAY				400		
30	MILL CREEK 7.2 MI E OF CO RD F32		BRIDGE REPLACEMENT RIGHT OF WAY		2155 8				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
(44) HENRY									
34	SKUNK RIVER 3.8 MI E OF CO RD W40 (EB)		BRIDGE REPLACEMENT					4800	
78	CROOKED CREEK 0.2 MI E OF CO RD W47		BRIDGE DECK OVERLAY		573				
78	STREAM 0.8 MI E OF CO RD W66		CULVERT REPLACEMENT RIGHT OF WAY	675 5					
218	SKUNK RIVER 4.7 MI S OF S JCT US 34 (NB)		BRIDGE REPLACEMENT	4154					
218	BIG CREEK 3.0 MI S OF S JCT US 34 (NB)		BRIDGE DECK OVERLAY	528					
218	BIG CREEK 1.2 MI N OF N JCT US 34 (SB)		BRIDGE DECK OVERLAY				300		
218	BIG CREEK TO N OF 190TH ST (SB)	1.8	PAVEMENT REHAB	392					
(45) HOWARD									
63	IA 9 TO MINNESOTA	10.7	PAVEMENT WIDEN	746					
(46) HUMBOLDT									
3	E FORK DES MOINES RIVER 1.8 MI E OF US 169		BRIDGE REPLACEMENT MITIGATION	2871 27					
(47) IDA									
20	CORRECTIONVILLE TO W JCT US 59		EROSION CONTROL		209				
20	E JCT US 59 TO W OF ADAMS AVE		EROSION CONTROL		209				
59	SOLDIER RIVER 1.2 MI N OF CO RD D54		BRIDGE REPLACEMENT RIGHT OF WAY		1396 1				
59	SILVER CREEK 1.1 MI N OF CO RD D15		BRIDGE DECK OVERLAY	309					
59	SILVER CREEK 2.1 MI N OF CO RD D15		BRIDGE DECK OVERLAY	324					

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
(48) IOWA									
6	LADORA TO E OF SOUTH AMANA (VAR LOC)		CULVERT EXTENSION MITIGATION RIGHT OF WAY	162 16 10					
6	W OF W JCT US 151 TO E OF E JCT US 151	2.3	PAVEMENT REHAB	1416					
80	POWESHIEK CO TO I-380		PATCHING	200	200	200	200	200	
80	CO RD V38 (EB & WB)		BRIDGE DECK OVERLAY				920		
80	EB REST AREA NEAR VICTOR		REST AREA IMPROVEMENT			3767			
80	US 151 OVER I-80		BRIDGE DECK OVERLAY	631					
80	1.0 MI E OF US 151 TO W OF I-380 (EB)	13.6	PAVEMENT REHAB		930				
151	I-80 TO N OF IOWA RIVER	8.8	PAVEMENT REHAB PAVEMENT WIDEN	2685 1200					
(49) JACKSON									
52	MISSISSIPPI RIVER IN SABULA (STATE SHARE)		BRIDGE CLEANING	15	15	15	15	15	
52	MISSISSIPPI RIVER OVERFLOW IN SUBULA		BRIDGE REPLACEMENT	5483					
62	MAQUOKETA RIVER 1.1 MI E OF IA 64		BRIDGE DECK OVERLAY				950		
62	CO RD Y61 TO 1.0 MI W OF BELLEVUE	9.8	PAVEMENT REHAB	300					
62	LITTLE MILL CREEK 0.1 MI S OF CO RD D61		BRIDGE DECK OVERLAY	349					
62	MILL CREEK 0.1 MI N OF CO RD D61		BRIDGE DECK OVERLAY	348					
64	US 61 TO IA 62 IN MAQUOKETA	1.8	PAVEMENT REHAB	1600					
(50) JASPER									
6	DITCH 0.2 MI E OF CO RD T12		BRIDGE REPLACEMENT						625

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
6	IAIS RR 1.5 MI E OF IA 224		BRIDGE DECK OVERLAY	574				
14	BUCK CREEK 2.7 MI S OF CO RD F62		BRIDGE DECK OVERLAY	264				
14	CHERRY CREEK 4.3 MI S OF I-80		BRIDGE DECK OVERLAY	377				
14	1.6 MI W OF IA 224 TO 2.2 MI N OF LAUREL	8.6	PAVEMENT REHAB	32				
65	IA 330 AND IA 117 INTERSECTION	0.3	EROSION CONTROL		157			
			FENCING		80			
			GRADE AND PAVE	5758				
			LIGHTING	50				
			TRAFFIC SIGNS	350				
80	POLK CO TO IOWA CO		PATCHING	600	600	600	600	600
80	SOUTH SKUNK RIVER 2.5 MI W OF IA 117 (EB & WB)		BRIDGE DECK OVERLAY				1920	
80	IAIS RR 0.4 MI W OF IA 14 (EB)		BRIDGE DECK OVERLAY		330			
80	NORTH SKUNK RIVER 2.1 MI E OF IA 224	2.0	BRIDGE REPLACEMENT		2725		3399	
			GRADE AND PAVE				5407	
			GRADING		4746			1664
			MITIGATION		50			
			PAVING			5761		
			RIGHT OF WAY	361				
			TRAFFIC SIGNS			16		
117	SQUAW CREEK 1.7 MI N OF CO RD S6G		BRIDGE DECK OVERLAY					270
117	STREAM 0.5 MI S OF CO RD F24		BRIDGE DECK OVERLAY				430	
117	BYERS BRANCH 1.5 MI NW OF MINGO		RIP RAP	46				
163	WALNUT CREEK 2.4 MI W OF IA 117 (EB)		BRIDGE DECK OVERLAY			264		
224	0.1 MI N OF MAIN ST IN KELLOGG		RIGHT OF WAY	1				
			RIP RAP	161				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
(51) JEFFERSON									
1	S OF LIBERTYVILLE RD TO FILLMORE AVE IN FAIRFIELD	0.5	GRADE AND PAVE						3500
1	SOUTH WALNUT CREEK 5.7 MI S OF S JCT IA 78		BRIDGE DECK OVERLAY			330			
1	MIDDLE WALNUT CREEK 3.1 MI S OF S JCT IA 78		BRIDGE DECK OVERLAY						330
(52) JOHNSON									
1	STREAM 2.1 MI S OF CO RD F52		BRIDGE REPLACEMENT RIGHT OF WAY		5	773			
1	OLD MANS CREEK 1.5 MI S OF CO RD F52		BRIDGE REPLACEMENT RIGHT OF WAY		15	2944			
1	OLD MANS CREEK OVERFLOW 0.8 MI S OF CO RD F52		BRIDGE NEW			987			
1	OLD WOMANS CREEK 0.6 MI S OF CO RD F52		BRIDGE REPLACEMENT MITIGATION			2503 60			
1	STREAM 0.6 MI N OF CO RD F52		CULVERT REPLACEMENT RIGHT OF WAY		5	1168			
1	RALSTON CREEK 2.3 MI S OF I-80 (NB)		BRIDGE REPLACEMENT RIGHT OF WAY		8	810			
1	RALSTON CR TO DODGE ST IN IOWA CITY	0.9	PAVEMENT REHAB	1495					
1	MILL CREEK 0.1 MI N OF CO RD F14		RIP RAP	30					
6	W OF OXFORD TO E OF KENT PARK	4.7	PAVEMENT REHAB	1596					
6	MAIN ST IN TIFFIN TO IA 965 IN CORALVILLE (STATE SHARE)	3.2	PAVEMENT WIDEN	900					
6	CLEAR CREEK IN CORALVILLE TO IOWA CITY	0.7	PAVEMENT REHAB	1110					
6	CORALVILLE TO S JCT IA 1 IN IOWA CITY	2.0	PAVEMENT REHAB	1790					
80	0.1 MI E OF IOWA CO TO 0.1 MI W OF CEDAR CO		GRADING			1316			

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
80	EAGLE AVE 6.1 MI W OF I-380		BRIDGE DECK OVERLAY					360
80	I-380 TO CEDAR CO		PATCHING	300	300	300	300	300
80	I-380/US 218 INTERCHANGE NEAR IOWA CITY STATE SHARE	0.5	BRIDGE NEW		30419	1412	1928	16607
			BRIDGE REHABILITATION			358		
			BRIDGE REPLACEMENT			5929	4106	24010
			BRIDGE WIDENING			853	8146	
			CULVERT EXTENSION			933		
			EROSION CONTROL				298	
			GRADE AND PAVE		6019	29682	50294	23906
			GRADING	944				
			LIGHTING		500	500	300	200
			MITIGATION	523				
			RIGHT OF WAY	70	800	500		
			TRAFFIC SIGNS	4344	4403	5844	7589	6186
80	1.5 MI E OF IA 1 TO 0.5 MI E OF CO RD X30	8.0	BRIDGE REPLACEMENT				8000	
			GRADE AND PAVE				29350	24800
			MITIGATION				250	
218	OLD MANS CREEK AT CO RD F62		RIGHT OF WAY	5				
			RIP RAP		431			
380	I-80 TO US 218 IN WATERLOO		PATCHING	1200	1200	1200	1200	1200
380	I-80 TO US 30		CULVERT REPAIR	1539				
380	W FOREVERGREEN RD INTERCHANGE 2.0 MI N OF I-80 IN TIFFIN STATE SHARE	0.5	BRIDGE REPLACEMENT	3557				
			EROSION CONTROL		273			
			GRADE AND PAVE	11725	500			
			LIGHTING		76			
			MITIGATION	27	70			
			PAVEMENT WIDEN	569				
			PAVING		2567			
			RIGHT OF WAY	50				
			TRAFFIC SIGNALS	500	314			
			TRAFFIC SIGNS		180			
380	CO RD F12 INTERCHANGE		BRIDGE DECK OVERLAY					500

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
(53) JONES									
1	LINN CO TO US 151 AT VARIOUS LOCATIONS		GRADING		545				
38	WAPSIPINICON RIVER 0.6 MI N OF S JCT CO RD E45		BRIDGE DECK OVERLAY						880
136	STREAM 0.2 MI N OF CO RD E45		BRIDGE REPLACEMENT						690
136	SCL TO NCL IN ONSLOW	0.7	PAVEMENT REHAB	250					
(54) KEOKUK									
78	ICE RR 8.8 MI E OF IA 149		BRIDGE REPLACEMENT						3000
92	IA 21 AND CO RD V33 INTERSECTIONS	1.0	GRADE AND PAVE					2800	
92	N JAMES ST IN SIGOURNEY TO E JCT IA 149 STATE SHARE	2.0	PAVEMENT REHAB RIGHT OF WAY	1490 1					
92	CLEAR CREEK 2.5 MI W OF CO RD W15		BRIDGE DECK OVERLAY					475	
149	IA 78 TO 0.25 MI S OF W KELLY ST IN SIGOURNEY	10.2	PAVEMENT REHAB	590					
149	0.25 MI S OF W KELLY ST TO W JCT IA 92 IN SIGOURNEY STATE SHARE	1.0	PAVEMENT REHAB RIGHT OF WAY	830 1					
(55) KOSSUTH									
9	MUD CREEK 1.7 MI E OF CO RD P20		BRIDGE DECK OVERLAY	170					
18	LOTTS CREEK 1.2 MI E OF E JCT IA 15		BRIDGE DECK OVERLAY	204					
18	DITCH 0.2 MI W OF US 169 IN ALGONA		BRIDGE DECK OVERLAY	150					
18	E FORK DES MOINES RIVER 0.2 MI E OF US 169 IN ALGONA		BRIDGE DECK OVERLAY	1399					
169	BLACK CAT CREEK 4.2 MI N OF US 18		BRIDGE REPLACEMENT						1400



2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
(56) LEE									
2	LICK CREEK 4.3 MI E OF IA 81		BRIDGE REPLACEMENT					1500	
2	SUGAR CREEK 1.8 MI W OF US 218		BRIDGE REPLACEMENT				1540		
2	DEVIL CREEK 0.7 MI W OF US 61		BRIDGE DECK OVERLAY	578					
27	AT MISSOURI BORDER		TRAFFIC SIGNS	125					
136	MISSISSIPPI RIVER IN KEOKUK (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20	
136	MISSISSIPPI RIVER IN KEOKUK (STATE SHARE)		BRIDGE DECK OVERLAY			5000			
(57) LINN									
13	1.0 MI N OF COUNTY HOME RD TO 2.0 MI S OF CENTRAL CITY SB	4.2	CULVERT EXTENSION GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNS	450	122 11329				
13	VALLEY FARM RD N OF CENTRAL CITY TO DELAWARE CO	7.5	PAVEMENT WIDEN	1900					
30	CIC RR 0.8 MI W OF I-380 IN CEDAR RAPIDS (WB)		BRIDGE DECK OVERLAY	738					
30	CEDAR RIVER 0.5 MI W OF E JCT US 151 (EB)		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY				8847 100		
30	MOUNT VERNON/LISBON BYPASS FROM W OF WILCOX RD TO CHARLES AVE	6.0	BRIDGE NEW EROSION CONTROL LIGHTING MITIGATION PAVEMENT REHAB PAVING TRAFFIC SIGNS	234	1689 192	164	2050		
					37983				
					547				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
100	US 30 TO COVINGTON RD IN CEDAR RAPIDS STATE SHARE	3.7	EROSION CONTROL FENCING PAVING TRAFFIC SIGNS		183			
				812				
				14988				
				900				
100	E OF NORTHLAND AVE TO E OF TWIXT TOWN RD IN CEDAR RAPIDS (STATE SHARE)	0.4	PAVEMENT WIDEN	900				
151	0.2 MI S OF CHURCH ST IN FAIRFAX TO N OF DEAN RD	4.3	GRADE AND PAVE		7776			
151	UP RR IN FAIRFAX		BRIDGE REPLACEMENT RIGHT OF WAY	5	1918			
151	PRAIRIE CREEK IN FAIRFAX		BRIDGE REPLACEMENT RIGHT OF WAY	15	2349			
151	DITCH 2.5 MI S OF US 30 IN FAIRFAX		BRIDGE REPLACEMENT		1781			
151	DITCH 0.6 MILE S OF US 30		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY	15	6176			250
151	W JCT US 30	0.2	PAVEMENT REHAB	600				
151	EAST JCT US 30 IN CEDAR RAPIDS (NB)		BRIDGE DECK OVERLAY		250			
151	IA 13 INTERSECTION IN MARION	0.1	PAVEMENT REHAB	500				
151	CRABAPPLE CREEK 2.9 MI N OF N JCT IA 13 (NB)		BRIDGE REPLACEMENT					3207
151	EAST BIG CREEK 1.1 MI S OF CO RD X20 (SB)		BRIDGE DECK OVERLAY				235	
380	US 30 INTERCHANGE IN CEDAR RAPIDS	1.0	PAVEMENT REHAB			4770		
380	15TH AND 16TH AVE SW 2.5 MI N OF US 30 (SB)		BRIDGE DECK OVERLAY TRAFFIC SIGNS	1480				
				100				
380	8TH ST NE OVER I-380 IN CEDAR RAPIDS		BRIDGE DECK OVERLAY		225			
380	CC RR 2.5 MI S OF IA 100 (NB)		BRIDGE DECK OVERLAY			1050		

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
380	GLASS RD 1.1 MI S OF IA 100 IN CEDAR RAPIDS		BRIDGE DECK OVERLAY				1400	
380	BOYSON RD INTERCHANGE IN HIAWATHA NB OFF RAMP	0.1	PAVEMENT WIDEN	800				
380	TOWER TERRACE INTERCHANGE IN HIAWATHA STATE SHARE	0.5	BRIDGE REPLACEMENT GRADE AND PAVE LIGHTING RIGHT OF WAY TRAFFIC SIGNALS TRAFFIC SIGNS					4200 10329 90 170 312 299
922	US 30 TO WCL OF CEDAR RAPIDS  (58) LOUISA	0.2	PAVEMENT REHAB	900				
61	2.0 MI S OF IA 92 TO MUSCATINE CO	6.0	EROSION CONTROL PAVEMENT REHAB	600 296				
78	2.0 MI W OF US 61		RIGHT OF WAY SLOPE IMPROVEMENT	2 150				
78	HONEY CREEK 1.8 MI W OF US 61		BRIDGE REPLACEMENT					2000
92	LITTLE INDIAN CREEK 1.9 MI W OF S JCT US 61  (59) LUCAS		BRIDGE DECK OVERLAY					275
14	0.3 MI S OF CO RD S33		SLOPE IMPROVEMENT	35				
34	STREAM 2.3 MI E OF E JCT US 65  (60) LYON		BRIDGE REPLACEMENT					1030
9	0.25 MI W OF ECL OF ROCK RAPIDS TO CO RD L26  (61) MADISON	13.6	PAVEMENT REHAB	940				
169	NORTH RIVER 3.5 MI N OF N JCT IA 92		BRIDGE DECK OVERLAY					500
169	NORTH BRANCH NORTH RIVER 5.2 MI S OF CO RD F-90		BRIDGE REHABILITATION	402				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
(62) MAHASKA									
92	MUCHAKINOCK CREEK 1.3 MI W OF IA 163		BRIDGE REPLACEMENT RIGHT OF WAY			10		3115	
92	NORTH SKUNK RIVER 2.2 MI E OF E JCT CO RD V13		BRIDGE REPLACEMENT						3900
(63) MARION									
5	WHITE BREAST CREEK 2.7 MI N OF IA 14 (SB)		BRIDGE DECK OVERLAY				500		
(64) MARSHALL									
14	CO RD E18 TO W JCT IA 175	11.4	GRADING RIGHT OF WAY		5767 300				
146	CO RD E49 TO US 30	2.3	BRIDGE NEW CULVERT NEW EROSION CONTROL GRADE AND PAVE MITIGATION	2045 342 4180 60		209			
(65) MILLS									
29	KEG CREEK 1.0 MI S OF S JCT US 34 (NB)		BRIDGE DECK OVERLAY					700	
29	REST AREA N OF US 34 (NB)		REST AREA IMPROVEMENT						3647
34	MISSOURI RIVER N OF PLATTSMOUTH NEBRASKA STATE SHARE		BRIDGE CLEANING	25	25	25	25	25	25
34	WABASH TRACE NATURE TRAIL 1.1 MI W OF CO RD L63		BRIDGE REPLACEMENT	1779					
34	US 59 TO W OF IA 48	8.8	PAVEMENT REHAB PAVEMENT WIDEN	4717 1077					
(67) MONONA									
29	CO RD E60 TO CO RD E24 (VAR RAMP LOC)	2.2	PAVEMENT REHAB					703	

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
29	CO RD E60 TO CO RD D38 (VAR LOC)	36.0	PAVEMENT REHAB	1020				
141	2.5 MI E OF CO RD L32 TO 0.4 MI W OF CO RD L37	2.6	GRADING RIGHT OF WAY	800	3373			
141	SKUNK CREEK 3.8 MI E OF CO RD L32		CULVERT REPLACEMENT MITIGATION RIGHT OF WAY	5	787 25			
141	MIDDLE SOLDIER RIVER 1.6 MI E OF IA 183		BRIDGE DECK OVERLAY					440
175	MISSOURI RIVER E OF DECATUR NEBRASKA (STATE SHARE)		BRIDGE CLEANING	22	22	22	22	22
175	MISSOURI RIVER E OF DECATUR NEBRASKA (STATE SHARE)		BRIDGE REHABILITATION	37	37	37	37	37
175	MCCANDLESS CLEGHORN DITCH 0.6 MI E OF I-29 IN ONAWA		BRIDGE REPLACEMENT					1220
175	DITCH 1.9 MI W OF E JCT IA 141		BRIDGE DECK OVERLAY					220
175	MAPLE RIVER 1.0 MI W OF E JCT IA 141		BRIDGE REPLACEMENT					2000
175	MUCKY CREEK 0.8 MI W OF W JCT IA 141		BRIDGE DECK OVERLAY		336			
	(69) MONTGOMERY							
34	WALNUT CREEK 3.4 MI W OF IA 48		BRIDGE DECK OVERLAY		596			
34	WEST NODAWAY RIVER 0.3 MI W OF US 71 (EB)		BRIDGE DECK OVERLAY					610
48	E NISHNABOTNA RIVER 1.9 MI S OF CO RD H14		BRIDGE DECK OVERLAY				490	
	(70) MUSCATINE							
6	MUD CREEK 2.3 MI W OF IA 38		BRIDGE DECK OVERLAY					460
22	NEAR RIVER RD TO CO RD Y40	15.0	PAVEMENT REHAB PAVEMENT WIDEN	4869 1759				
92	MISSISSIPPI RIVER IN MUSCATINE (STATE SHARE)		BRIDGE CLEANING	25	25	25	25	25

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
(71) O'BRIEN								
10	MUD CREEK 1.9 MI W OF CO RD L48		BRIDGE REHABILITATION					600
10	MILL CREEK 2.5 MI W OF W JCT US 59		BRIDGE DECK OVERLAY	442				
18	WCL OF SANBORN TO WCL OF HARTLEY (STATE SHARE)	8.8	PAVEMENT REHAB	4300				
18	WATERMAN CREEK 1.3 MI W OF CO RD M12		BRIDGE REPLACEMENT RIGHT OF WAY		8	2084		
59	DRY RUN 5.1 MI N OF N JCT IA 10		BRIDGE DECK OVERLAY					450
59	ABANDONED RR 0.9 MI S OF CO RD B40 (REMOVE BRIDGE)	0.1	GRADE AND PAVE RIGHT OF WAY					1250 10
(73) PAGE								
48	NCL OF ESSEX TO SCL OF RED OAK	14.4	PAVEMENT REHAB PAVEMENT WIDEN	5700 500				
59	EAST NISHNABOTNA RIVER 1.0 MI N OF IA 48		BRIDGE REPLACEMENT					3412
(74) PALO ALTO								
4	DITCH 5.2 MI N OF N JCT US 18		BRIDGE REPLACEMENT MITIGATION	731 16				
18	W FORK DES MOINES RIVER 2.5 MI E OF W JCT IA 4		BRIDGE DECK OVERLAY					410
18	CYLINDER CREEK AT W JCT CO RD N60		BRIDGE REPLACEMENT					2060
(75) PLYMOUTH								
3	WESTFIELD CREEK 0.2 MI E OF W JCT IA 12		BRIDGE DECK OVERLAY		453			
3	BROKEN KETTLE CREEK 2.3 MI W OF CO RD K22		BRIDGE DECK OVERLAY		376			
3	DITCH 1.6 MI W OF CO RD K42		CULVERT REPLACEMENT			808		

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
3	STREAM 1.0 MI W OF CO RD K42		BRIDGE DECK OVERLAY				300	
3	MINK CREEK 0.4 MI W OF CO RD K42		BRIDGE DECK OVERLAY					275
12	INDIAN CREEK 4.0 MI N OF CO RD C16		BRIDGE REPLACEMENT				1440	
75	WOODBURY CO TO S OF W GROVER ST IN HINTON (NB)	4.8	CULVERT REPLACEMENT GRADE AND PAVE RIGHT OF WAY	539 9239 50				
75	N OF MAPLE ST IN HINTON TO S OF 2ND ST IN MERRILL (NB)	6.4	CULVERT REPLACEMENT GRADE AND PAVE					1000 14328
75	DITCH 2.6 MI S OF CO RD C44 (NB & SB)		BRIDGE DECK OVERLAY			175		
75	JACKSON ST IN MERRILL TO CO RD C38		EROSION CONTROL	100				
404	FLOYD RIVER 0.4 MI N OF IA 3 (SB)  (76) POCAHONTAS		BRIDGE DECK OVERLAY					330
3	BRANCH 19 0.3 MI W OF IA 4  (77) POLK		BRIDGE REPLACEMENT	701				
6	S OF E EUCLID AVE TO N OF E 38TH ST IN DES MOINES STATE SHARE	0.4	GRADE AND PAVE		4000			
28	RACCOON RIVER 3.7 MI N OF IA 5 (SB)		BRIDGE REPLACEMENT					5470
28	WALNUT CREEK 0.4 MI S OF I-235 IN DES MOINES		BRIDGE DECK OVERLAY			845		
35	SW OF THE RACCOON RIVER IN WEST DES MOINES	0.6	GRADING MITIGATION RIGHT OF WAY	589 100 10				
35	W JCT I-80 TO WRIGHT CO		PATCHING	1000	1000	1000	1000	1000
35	NB I-35 TO EB I-235 RAMP IN WEST DES MOINES		RIGHT OF WAY RIP RAP	2 225				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
35	I-80/235 INTERCHANGE NE OF DES MOINES	0.9	BRIDGE NEW GRADING					30465 5500
35	IN ANKENY FROM N OF ORALABOR RD TO NE 36TH ST	4.0	BRIDGE DECK OVERLAY BRIDGE REPLACEMENT BRIDGE WIDENING CULVERT NEW EROSION CONTROL GRADE AND PAVE LIGHTING MITIGATION TRAFFIC SIGNALS TRAFFIC SIGNS	6923 2241 764 5434 42 310	331 254 12077 300 571	5024 1092 12979 123 627 350	285	
65	SKUNK RIVER 7.6 MI N OF I-80 (NB)		BRIDGE DECK OVERLAY					770
69	I-80 TO SE 33RD ST IN ANKENY	3.6	EROSION CONTROL GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNALS TRAFFIC SIGNS			1745	16200 750 50	200
69	FOUR MILE CREEK 0.1 MI S OF CO RD F22		BRIDGE REPLACEMENT				1328	
80	NB I-35/80 TO WB IA 141 RAMP IN URBANDALE	0.6	BRIDGE NEW EROSION CONTROL GRADE AND PAVE GRADING LIGHTING RIGHT OF WAY TRAFFIC SIGNALS TRAFFIC SIGNS		16402 8500 840	20500 150 600 2500	250	
80	100TH ST IN URBANDALE	0.5	PAVING	7721				
80	DES MOINES RIVER 1.6 MI E OF IA 28		BRIDGE WIDENING MITIGATION		19700 1500			
80	E JCT I-35 TO JASPER CO		PATCHING	400	400	400	400	400



2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
80	E JCT I-35 TO 1ST AVE IN ALTOONA		PAVEMENT MARKINGS	275				
80	FOUR MILE CREEK 1.4 MI E OF E JCT I-35		RIGHT OF WAY	2				
			RIP RAP	105				
80	NE 38TH ST 1.6 MI E OF E JCT I-35		BRIDGE REPLACEMENT				1750	
			RIGHT OF WAY			10		
80	E OF ALTOONA TO TIFFIN		TRAFFIC SIGNS	2375				
80	CO RD S14 TO 1.2 MI W OF SOUTH SKUNK RIVER (EB)	7.7	PAVEMENT PLANING	441				
235	W I-35/80 INTERCHANGE TO E I-35/80 INTERCHANGE		PATCHING	200	200	200	200	200
415	NW 66TH AVE 2.1 MI N OF I-80 (REMOVE BRIDGE)	0.1	GRADE AND PAVE		8708			
			MITIGATION		150			
			TRAFFIC SIGNALS		250			
			TRAFFIC SIGNS		50			
	(78) POTTAWATTAMIE							
6	RAILROAD HWY TO CO RD G67 IN COUNCIL BLUFFS	1.6	GRADE AND PAVE	7673				
6	BNSF RR 1.0 MI W OF I-80 IN COUNCIL BLUFFS (EB & WB)		BRIDGE DECK OVERLAY			822		
29	9TH AVE 0.6 MI S OF US 6 IN COUNCIL BLUFFS (NB)		BRIDGE REHABILITATION	329				
29	9TH AVE 0.6 MI S OF US 6 IN COUNCIL BLUFFS (SB)		BRIDGE REHABILITATION	329				
			TRAFFIC SIGNS	300				
29	DITCH 2.4 MI S OF N JCT I-680		BRIDGE REPLACEMENT				900	
29	DITCH 1.6 MI S OF N JCT I-680		BRIDGE REPLACEMENT				900	
29	DITCH 0.5 MI S OF N JCT I-680		BRIDGE REPLACEMENT				900	
29	AT N JCT OF I-680	0.6	GRADING	229				
			MITIGATION	82				
			RIGHT OF WAY	20				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
29	CO RD G12 0.4 MI N OF N JCT I-680	0.5	BRIDGE REPLACEMENT GRADE AND PAVE RIGHT OF WAY			10		1454 1434
59	STREAM 2.4 MI N OF IA 92		BRIDGE DECK OVERLAY					249
59	STREAM 0.2 MI S OF CO RD G30 IN HANCOCK		BRIDGE REPLACEMENT				1090	
59	I-80 INTERCHANGE AT AVOCA (NB & SB)		BRIDGE DECK OVERLAY					960
80	MISSOURI RIVER IN COUNCIL BLUFFS (EB & WB) STATE SHARE		BRIDGE CLEANING	24	24	24	24	24
80	MISSOURI RIVER TO CASS CO		PATCHING	300	300	300	300	300
80	I-29/80/480 INTERSTATES IN COUNCIL BLUFFS (CBIS) STATE SHARE	4.0	BRIDGE NEW BRIDGE REPLACEMENT CULVERT NEW EROSION CONTROL GRADE AND PAVE GRADING LIGHTING MITIGATION NOISE WALL PAVEMENT MARKINGS RIGHT OF WAY TRAFFIC SIGNS	74180 1320 456 31100 7380 1300 500 800 5500 4750	13500 5230 750 27500 8760 850 1170 100 800 8000 3750	48520 12260 74890 3000 1170 100 800 2795	66830 70960 800 2575	48200 46960 2500 850 1250 800 4905
80	I-680 INTERCHANGE (WB)		BRIDGE DECK OVERLAY				725	
80	CO RD L66 TO CO RD M47 (VAR RAMP LOC)	3.1	PAVEMENT REHAB			2385		
80	CO RD M16 INTERCHANGE AT SHELBY		BRIDGE DECK OVERLAY					420
80	E BRANCH W NISHNABOTNA RIVER 1.2 MI E OF US 59 (WB)		BRIDGE REHABILITATION	304				
80	E BRANCH W NISHNABOTNA RIVER 1.2 MI E OF US 59 (EB)		BRIDGE REHABILITATION	304				
92	WEST NISHNABOTNA RIVER 1.1 MI W OF US 59		BRIDGE DECK OVERLAY		782			

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
92	JORDAN CREEK 3.5 MI E OF US 59		BRIDGE DECK OVERLAY					400
275	MISSOURI RIVER IN COUNCIL BLUFFS (STATE SHARE)		BRIDGE CLEANING	57	57	57	57	57
480	MISSOURI RIVER TO I-29		PATCHING	100	100	100	100	100
480	MISSOURI RIVER IN COUNCIL BLUFFS STATE SHARE		BRIDGE CLEANING BRIDGE DECK OVERLAY	30	30	30	30	1186 30
680	MISSOURI RIVER IN COUNCIL BLUFFS (EB & WB) STATE SHARE		BRIDGE CLEANING BRIDGE PAINTING	48	48 4758	48	48	48
680	MISSOURI RIVER IN COUNCIL BLUFFS (WB) (STATE SHARE)		BRIDGE DECK OVERLAY		385			
680	MISSOURI RIVER IN COUNCIL BLUFFS (EB) (STATE SHARE)		BRIDGE DECK OVERLAY		510			
680	MISSOURI RIVER TO I-80		PATCHING	200	200	200	200	200
680	N I-29 INTERCHANGE TO CO RD L34 (WB)	7.1	PAVEMENT REHAB		9367			
680	N I-29 INTERCHANGE TO CO RD L34 (EB)	7.1	PAVEMENT REHAB TRAFFIC SIGNS	7941 250				
680	POTATO CREEK 0.8 MI E OF CO RD L34 (EB & WB)  (79) POWESHIEK		BRIDGE DECK OVERLAY				700	
6	STONY CREEK 0.4 MI W OF CO RD V18		BRIDGE REHABILITATION			50		
6	ROCK CREEK 0.7 MI E OF W JCT IA 21		BRIDGE DECK OVERLAY					220
21	DEEP RIVER 1.0 MI N OF IA 85		BRIDGE DECK OVERLAY		499			
21	NORTH ENGLISH RIVER 3.5 MI S OF I-80		BRIDGE DECK OVERLAY		498			
80	IA 146 INTERCHANGE S OF GRINNELL		BRIDGE REPLACEMENT					8000
80	CO RD V18 4.5 MI W OF IA 21 (EB)		BRIDGE DECK OVERLAY			340		

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
	(80) RINGGOLD								
169	MIDDLE FORK GRAND RIVER 5.3 MI S OF IA 2		BRIDGE REPLACEMENT						1850
	(81) SAC								
20	W OF ADAMS AVE TO W OF US 71		EROSION CONTROL		235				
39	PORTER CREEK 2.4 MI S OF CO RD D59		BRIDGE REHABILITATION						400
	(82) SCOTT								
6	I-280 INTERCHANGE IN DAVENPORT		BRIDGE REHABILITATION						1870
6	ELMORE AVE IN DAVENPORT TO UTICA RIDGE RD IN BETTENDORF	0.5	PAVEMENT REHAB	550					
22	DODGE CREEK 1.1 MI S OF CO RD Y48		BRIDGE DECK OVERLAY						275
61	I-80 INTERCHANGE IN DAVENPORT (SB)		BRIDGE DECK OVERLAY			450			
67	MISSISSIPPI RIVER IN DAVENPORT STATE SHARE		BRIDGE CLEANING BRIDGE REHABILITATION	25 500	25	25	25	25	25
74	I-80 TO MISSISSIPPI RIVER		PATCHING	300	300	300	300	300	300
74	E 53RD ST TO MIDDLE RD (VAR RAMP LOC)	3.2	PAVEMENT REHAB						1224
74	IN BETTENDORF AND DAVENPORT (CENTRAL SECTION)	1.2	BRIDGE NEW BRIDGE REMOVAL BRIDGE REPLACEMENT GRADE AND PAVE LANDSCAPING LIGHTING MITIGATION RIGHT OF WAY TRAFFIC SIGNS			2290			5488
				52639	42785	117079	68760		
				3096	37365	2602			6242
				1469	250				90
				500					
				200	5845	66			
74	MISSISSIPPI RIVER IN BETTENDORF (NB & SB) (STATE SHARE)		BRIDGE CLEANING	50	50	50	50	50	50

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
80	CEDAR CO TO MISSISSIPPI RIVER		PATCHING	300	300	300	300	300
80	1.1 MI E OF CO RD Y40 TO E OF IA 130 (EB)	8.0	PAVEMENT REHAB	6878				
80	WB I-280 OVER EB I-80 IN DAVENPORT		BRIDGE REHABILITATION	205				
80	IA 130 IN DAVENPORT (WB)		BRIDGE DECK OVERLAY			460		
80	IA 130 IN DAVENPORT (EB)		BRIDGE DECK OVERLAY				500	
80	E OF IA 130 IN DAVENPORT TO CO RD Z30 (EB)	9.4	PAVEMENT REHAB					7465
80	SW 35TH ST 1.6 MI W OF US 67 IN LE CLAIRE		BRIDGE DECK OVERLAY				370	
80	MISSISSIPPI RIVER IN LE CLAIRE (STATE SHARE)		BRIDGE CLEANING	85	85	85	85	85
80	MISSISSIPPI RIVER IN LE CLAIRE (STATE SHARE)		BRIDGE REHABILITATION	45				
130	0.1 MI E OF CO RD F31 TO 2 MI W OF CO RD Y40		CULVERT REPLACEMENT RIGHT OF WAY		50	835		
130	BRANCH HICKORY CREEK 1.8 MI E OF CO RD Y40		BRIDGE DECK OVERLAY			285		
280	I-80 TO MISSISSIPPI RIVER		PATCHING	100	100	100	100	100
280	W OF IA 22 TO MISSISSIPPI RIVER (EB & WB)	1.3	GRADE AND PAVE			3739		
280	MISSISSIPPI RIVER IN DAVENPORT (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20
280	MISSISSIPPI RIVER IN DAVENPORT (STATE SHARE)		BRIDGE REHABILITATION	500			17000	
461	BUSINESS 61 IN DAVENPORT OVER IA 22		BRIDGE REPLACEMENT RIGHT OF WAY		6789 5			
461	DUCK CREEK 0.4 MI S OF US 6 IN DAVENPORT (NB)		BRIDGE REPLACEMENT				2400	
	(84) SIOUX							
12	DRY CREEK 0.3 MI S OF IA 10 IN HAWARDEN		BRIDGE DECK OVERLAY				275	

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
18	DRY RUN CREEK 1.7 MI W OF CO RD K24		BRIDGE DECK OVERLAY	131				
18	ROCK RIVER OVERFLOW 0.7 MI W OF CO RD K24		BRIDGE DECK OVERLAY	247				
18	ROCK RIVER 0.4 MI W OF CO RD K24		BRIDGE DECK OVERLAY	399				
18	ROGG CREEK 0.8 MI E OF CO RD K30		BRIDGE DECK OVERLAY	163				
18	FLOYD RIVER 0.2 MI W OF CO RD L26		BRIDGE DECK OVERLAY	226				
	(85) STORY							
30	0.5 MI E OF I-35 TO E OF 600TH AVE	3.2	BRIDGE REPLACEMENT GRADING RIGHT OF WAY					3000 3000 400
35	SOUTH SKUNK RIVER 2.6 MI S OF US 30 (NB & SB)	1.6	BRIDGE REPLACEMENT CULVERT NEW EROSION CONTROL GRADE AND PAVE TRAFFIC SIGNS	4039 1379 5047 50	105			
35	US 30 INTERCHANGE IN AMES		EROSION CONTROL TRAFFIC SIGNS	350	312			
35	US 30 TO CO RD E29 (NB)	4.4	PAVEMENT REHAB TRAFFIC SIGNS	3762 50				
65	CO RD E41 1.0 MI N OF US 30		BRIDGE REHABILITATION			948		
69	KEN MARIL RD TO S OF JEWEL DR IN AMES (STATE SHARE)	0.4	PAVEMENT REHAB	500				
69	GRAND AVE IN AMES 0.1 MI N OF OF LINCOLN WAY		BRIDGE DECK OVERLAY					265
	(86) TAMA							
30	IOWA RIVER OVERFLOW 0.6 MI W OF E JCT CO RD T47		BRIDGE REPLACEMENT RIGHT OF WAY			3062 10		

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
30	TAMA BYPASS TO BENTON CO	11.2	BRIDGE NEW	7257		2028		
			CULVERT EXTENSION	230				
			CULVERT NEW	3136				
			CULVERT REPLACEMENT	228		536		
			EROSION CONTROL					298
			GRADE AND PAVE			15178		
			GRADING	36595				
			LIGHTING			111		
			MITIGATION	1643				
			PAVING			29899		
			TRAFFIC SIGNS			290		
63	N OF 300TH ST IN TOLEDO TO 180TH ST IN TRAER	18.0	PAVEMENT WIDEN	2558				
146	POWESHIEK CO TO CO RD E49 (STATE SHARE)	10.7	PAVEMENT REHAB	4280				
	(90) WAPELLO							
34	BEAR CREEK 1.2 MI W OF CO RD H35		BRIDGE DECK OVERLAY					275
34	IA 149 INTERSECTION IN OTTUMWA	0.1	GRADE AND PAVE			342		
34	BARDELL ST 0.5 MI E OF IA 149 IN OTTUMWA (WB)		BRIDGE DECK OVERLAY					390
34	E MAIN ST 1.4 MI E OF W JCT US 63 IN OTTUMWA		BRIDGE DECK OVERLAY				375	
63	CO RD J12 TO US 34 IN OTTUMWA	1.5	BRIDGE REPLACEMENT		2312			
			CULVERT NEW		529			
			GRADE AND PAVE		5952			
			MITIGATION		220			
			RIGHT OF WAY		30			
149	W PARK BLVD 1.4 MI N OF US 34 IN OTTUMWA		BRIDGE REPLACEMENT			1401		
149	CEDAR CREEK 2.1 MI S OF IA 23		BRIDGE REPLACEMENT	2534				
	(91) WARREN							
5	MIDDLE RIVER 1.5 MI S OF CO RD G16 (NB & SB)		BRIDGE DECK OVERLAY				650	

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
35	CO RD G64 INTERCHANGE		BRIDGE DECK OVERLAY					360
35	CO RD G50 INTERCHANGE 4.7 MI S OF IA 92		BRIDGE DECK OVERLAY					360
35	CLANTON CREEK TO N OF IA 92 (SB)		EROSION CONTROL	400				
35	N OF NORTH RIVER TO S OF BADGER CREEK (SB)	2.6	BRIDGE REPLACEMENT GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNS				4360 15347 200 298	
69	1 MI N OF CLARKE CO TO INDIANOLA		RIGHT OF WAY SLOPE IMPROVEMENT	6 390				
92	SOUTH RIVER 0.4 MI E OF E JCT CO RD S23		BRIDGE DECK OVERLAY			240		
92	1 MI W OF SANDYVILLE AND 5 MI W OF IA 14		RIGHT OF WAY SLOPE IMPROVEMENT	6 210				
	(92) WASHINGTON							
1	CAMP CREEK 3.1 MI S OF IA 22		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY		1471 180 5			
22	6TH AVE IN WELLMAN TO IA 1 IN KALONA	6.5	PAVEMENT REHAB	750				
22	BULGERS RUN 4.8 MI E OF IA 1		CULVERT REPLACEMENT				982	
22	EAST ST IN RIVERSIDE TO E OF US 218	1.2	PAVEMENT REHAB/WIDEN	578				
92	E OF US 218 TO IA 70 IN COLUMBUS JUNCTION		RIGHT OF WAY					426
218	N FORK LONG CREEK 1.0 MI S OF IA 92 (NB)		BRIDGE DECK OVERLAY					500
	(93) WAYNE							
2	STEEL CREEK 2.0 MI E OF CO RD R69		BRIDGE DECK OVERLAY			380		



2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
(94) WEBSTER								
7	NORTH LIZARD CREEK 0.5 MI W OF US 169		BRIDGE DECK OVERLAY					660
20	DES MOINES RIVER 2.6 MI E OF US 169 (WB)		BRIDGE DECK OVERLAY				1050	
20	0.5 MI E OF CO RD P73 TO W JCT IA 17 (EB & WB)	4.8	PAVING RIGHT OF WAY		12200 10			
169	DEER CREEK 0.8 MI N OF CO RD C66		BRIDGE DECK OVERLAY	592				
175	WEST BUTTRICK CREEK 2.1 MI E OF CO RD P29		CULVERT REPLACEMENT	711				
175	TANK POND CREEK 0.3 MI W OF CO RD P33		CULVERT REPLACEMENT	565				
175	SKILLET CREEK AT SCL OF DAYTON		CULVERT NEW	488				
(95) WINNEBAGO								
9	DITCH 0.1 MI E OF CO RD R74		CULVERT REPLACEMENT RIGHT OF WAY		8		975	
69	S JCT IA 9 IN FOREST CITY TO N JCT IA 9	7.0	MITIGATION PAVEMENT REHAB	100 3823				
(96) WINNESHIEK								
9	DRY RUN CREEK 0.1 MI W OF US 52		BRIDGE DECK OVERLAY	578				
24	0.65 MI N OF NCL OF FORT ATKINSON		RIGHT OF WAY RIP RAP		3 100			
52	STREAM AND TWIN SPRINGS RD 0.6 MI N OF IA 9		BRIDGE DECK OVERLAY				600	
52	UPPER IOWA RIVER 1.8 MI N OF IA 9		BRIDGE DECK OVERLAY					375
(97) WOODBURY								
	VARIOUS LOCATIONS IN SIOUX CITY		TRAFFIC SIGNS	90				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
20	MORNINGSIDE AVE IN SIOUX CITY		BRIDGE DECK OVERLAY			400		
20	E OF MOVILLE TO W OF CORRECTIONVILLE		EROSION CONTROL		261			
29	IA 141 OVER I-29		BRIDGE DECK OVERLAY	387				
29	CO RD D65 2.2 MI N OF IA 141	0.1	GRADING RIGHT OF WAY				1037 10	
29	CO RD K35 4.2 MI N OF IA 141	0.1	GRADING RIGHT OF WAY				1175 10	
29	CO RD K25 (SALIX) INTERCHANGE 6.4 MI N OF IA 141		EROSION CONTROL	200				
29	CO RD K25 4.7 MI S OF US 20		BRIDGE DECK OVERLAY					360
29	RECONSTRUCTION IN SIOUX CITY	12.0	BARRIER RAIL BRIDGE NEW BRIDGE PAINTING BRIDGE REPLACEMENT EROSION CONTROL GRADE AND PAVE TRAFFIC SIGNS	1779 15080 150 36891 698	2437	799 171 171		
29	BIG SIOUX RIVER IN SIOUX CITY STATE SHARE		BRIDGE PAINTING RIP RAP			144	150	
31	LITTLE SIOUX RIVER 2.0 MI S OF ANTHON		RIGHT OF WAY RIP RAP	2 1038				
31	LITTLE SIOUX RIVER 0.8 MI S OF US 20		BRIDGE DECK OVERLAY					660
77	MISSOURI RIVER IN SIOUX CITY (STATE SHARE)		BRIDGE CLEANING	36	36	36	36	36
129	MISSOURI RIVER IN SIOUX CITY (STATE SHARE)		BRIDGE CLEANING	28	28	28	28	28
129	MISSOURI RIVER IN SIOUX CITY (STATE SHARE)		BRIDGE DECK OVERLAY				4970	
141	GARRETSON DITCH 6.4 MILES E OF I-29		BRIDGE REPLACEMENT MITIGATION	3243 24				

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
141	WOLF CREEK DITCH 1.8 MI E OF CO RD K64		BRIDGE REHABILITATION			980		
141	LITTLE SIOUX RIVER 0.7 MI E OF IA 31		BRIDGE REHABILITATION			1200		
	(98) WORTH							
9	BEAVER CREEK 0.5 MI W OF CO RD S18		BRIDGE REPLACEMENT					1040
9	STREAM 0.23 MI W OF CO RD S18		CULVERT REPLACEMENT RIGHT OF WAY		6	300		
9	I-35 INTERCHANGE		BRIDGE DECK OVERLAY					780
9	STREAM 1.3 MI E OF US 65		BRIDGE DECK OVERLAY					220
9	SHELL ROCK RIVER 0.1 MI E OF W JCT CO RD S56		BRIDGE DECK OVERLAY			225		
	(99) WRIGHT							
17	0.5 MI S OF CO RD C56/320TH ST N 1.5 MI	1.5	PAVEMENT REHAB	750				
17	SCL TO 12TH ST NW IN EAGLE GROVE		PATCHING	750				
17	12TH ST NW IN EAGLE GROVE TO IA 3	3.7	PAVING	4843				
17	PRAIRIE CREEK 0.9 MI N OF CO RD C26		BRIDGE REPLACEMENT			2132		
35	HAMILTON CO TO MINNESOTA		PATCHING	400	400	400	400	400
69	N OF UP RR TO N JCT CO RD C20	0.8	BRIDGE REPLACEMENT CULVERT REPLACEMENT GRADE AND PAVE MITIGATION RIGHT OF WAY				4636 490 2997 300	
						50		

2018 - 2022 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
	(00) STATEWIDE							
	STATEWIDE INTERSTATE GUARDRAIL REPAIR		GUARDRAIL REPAIR	650	650	650	650	650
	STATEWIE INTERSTATE LIGHTING		LIGHTING	500	500	500	500	500
	STATEWIDE INTERSTATE REST AREA MAINTENANCE		REST AREA IMPROVEMENT	3700	3700	3700	3700	3700
	STATEWIDE INTERSTATE SIGNING		TRAFFIC SIGNS	1000	1000	1000	1000	1000
	NON-INTERSTATE PAVEMENT MODERNIZATION		PAVEMENT REHAB		95000	100000	105000	115000
	STATEWIDE SAFETY SPECIFIC		PAVING	1350	20000	25000	25000	25000
	AMERICANS WITH DISABILITIES ACT		MISCELLANEOUS	3000	3000	3000	3000	3000
	CONSTRUCTION INDUSTRY TRAINING PROGRAM		MISCELLANEOUS	500	500	500	500	500
	COOPERATIVE CITY/COUNTY/STATE HIGHWAY RESEARCH		MISCELLANEOUS	1500	1500	1500	1500	1500
	EMERGENCY & CONTINGENCY - U-STEP/C-STEP		MISCELLANEOUS	6000	6000	6000	6000	6000
	POST LETTING PROJECT COST		MISCELLANEOUS	10000	10000	10000	10000	10000
	PREVOCATIONAL TRAINING AND DBE SUPPORT SERVICES		MISCELLANEOUS	300	300	300	300	300
	SCENIC BYWAY PROGRAM		MISCELLANEOUS	500	500	500	500	500
	STATEWIDE CONSULTANT SERVICES		OUTSIDE SERV. ENGINEER	80000	80000	80000	80000	80000
	STATEWIDE CONTRACT MAINTENANCE		MISCELLANEOUS	31350	31350	31350	31350	31350
	STATEWIDE RAILROAD CROSSINGS		MISCELLANEOUS	500	500	500	500	500
	STATEWIDE ROADSIDE IMPROVEMENT		LANDSCAPING	2500	2500	2500	2500	2500
	STATEWIDE TRAFFIC CONTROL DEVICES		TRAFFIC SIGNS	10000	10000	10000	10000	10000

# 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. 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 through 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 applicants 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 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.

Incomes from these sources, after distribution of the legislatively mandated amounts, are divided between city, county, and state projects in the same proportions as the RUTF distribution formula.

Since the beginning of this program, more than \$20.1 million have been approved for nearly 1,666 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 programs 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 LRTF 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.

Seventy five applications for FY 2017 funding were submitted by cities, counties, and the state. The total amount of funding requested was \$1,086,875.96. Fifty seven projects were awarded a total of \$814,094.08.

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

**Living Roadway Trust Fund Projects  
Fiscal Year 2017**

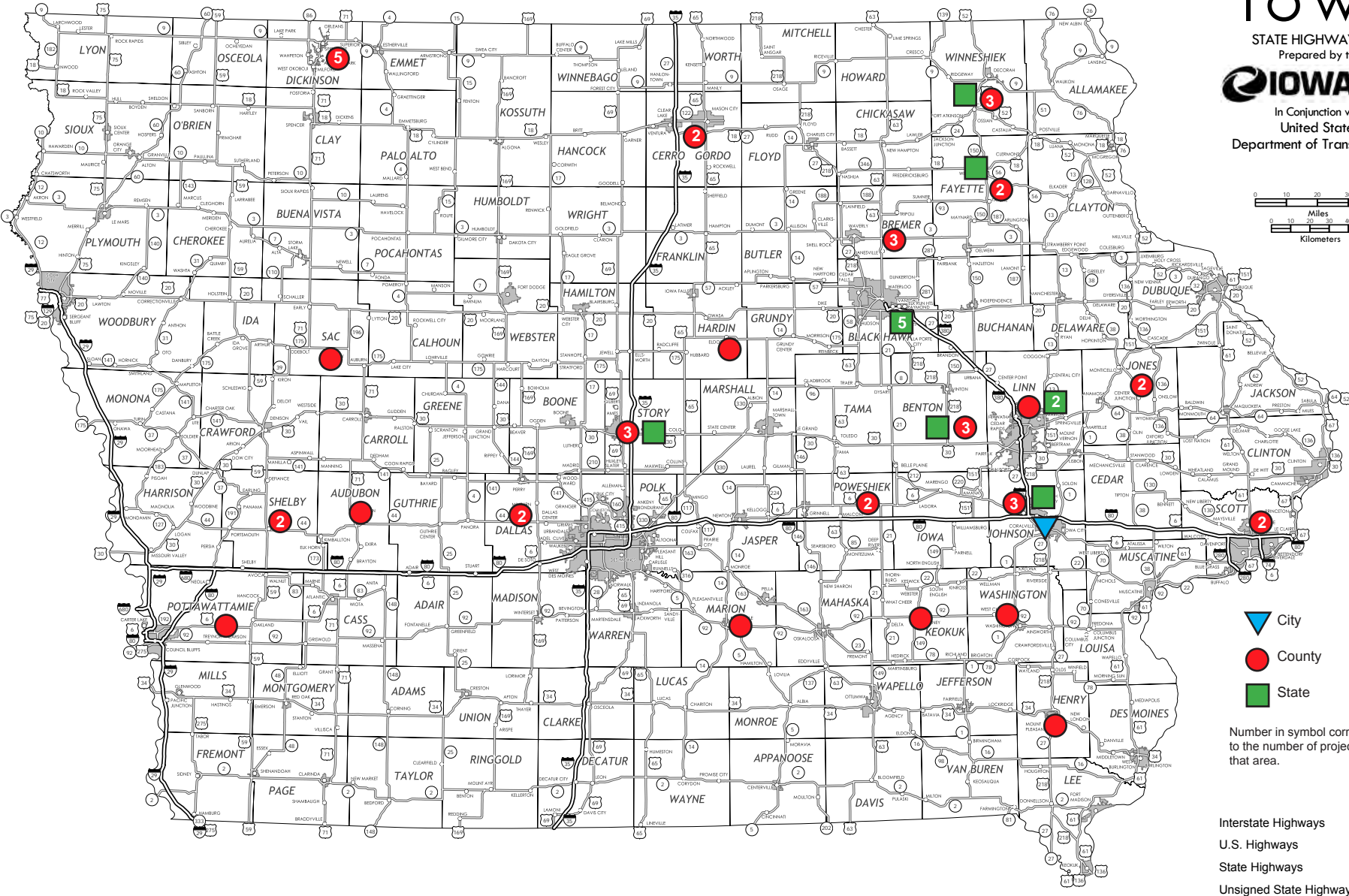
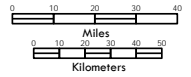
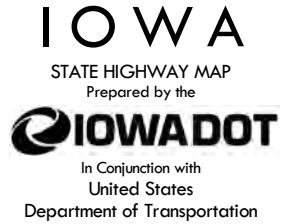
<b>State Projects</b>	<b>County</b>	<b>Approved Funding</b>
Education, inventory, research, brochures, posters cds, dvds, books, plantings, etc.	Story	\$ 1,500.00
92 Acre Fritz Prairie Acquisition	Fayette	\$ 45,000.00
2017 Iowa Invasive Species Conference	Johnson	\$ 6,000.00
2017 LRTF Program Assistance	Benton	\$ 71,561.20
Building an Outdoor Learning Environments Network	Story	\$ 62,117.00
2017 Community Assistance	Linn	\$ 78,498.92
Projects & Trails Visioning Match	Linn	\$ 53,357.48
2017 Natural Selections Seed	Blackhawk	\$ 59,547.00
2017 Roadside Conference	Blackhawk	\$ 15,768.00
Iowa Prairie Conference	Blackhawk	\$ 5,400.00
IRVM Program Implementation	Blackhawk	\$ 46,718.00
IRVM Survey of CCBs & County Supervisors	Blackhawk	\$ 8,257.00
170 Acre Acquisition of Neste Valley	Winneshiek	\$ 55,000.00
<b>Subtotal for State Projects</b>		<b>\$ 508,724.60</b>
 <b>City Projects</b>	 <b>City</b>	
Hydroseeder - Finn T90T	City of Iowa City	\$ 23,848.00
<b>Subtotal for City Projects</b>		<b>\$ 23,848.00</b>

**Living Roadway Trust Fund Projects  
Fiscal Year 2017**

<b>County Projects</b>	<b>County</b>	<b>Approved Funding</b>
2016 Polaris Ranger 800 6x6	Audubon	\$ 10,000.00
Agterra Spray Systems	Benton	\$ 4,800.00
Herbicide Storage Cabinet	Benton	\$ 1,850.40
Fire & Safety Equipment 2017	Benton	\$ 1,416.72
2017 Ford F450 Spray/Hydroseeding Truck	Bremer	\$ 10,000.00
Manual Truax Seed Slinger	Bremer	\$ 398.40
Waterax Rancher UTV Fire Skid	Bremer	\$ 2,464.00
Heavy Duty 1 Ton Spray Truck	Cerro Gordo	\$ 10,000.00
400 Gallon Slide-in Spray Unit w/ Boom Buster Sprayer	Cerro Gordo	\$ 8,580.00
Stihl MS 661 C-M Chainsaw	Dallas	\$ 960.00
Hino 195 Truck	Dallas	\$ 10,000.00
42" Diamond Flail Boom Mower	Dickinson	\$ 15,000.00
Drip Torches 2017	Dickinson	\$ 309.68
Bowie Victor 1100 Hydroseeder	Dickinson	\$ 24,000.00
Clay County's 2001 spray truck	Dickinson	\$ 8,000.00
Kestrel 3500 Weather Meter	Dickinson	\$ 194.00
Forestry Mower	Fayette	\$ 15,000.00
Burchland XTS Silt Fence Installer	Fayette	\$ 3,000.00
Fire & Safety Equipment 2017	Hardin	\$ 1,636.56
Bobcat 84" Power Rake	Henry	\$ 5,830.72
MDS Uni-Tach Attachment Adaptor	Johnson	\$ 948.00
MX8H Harley Rake	Johnson	\$ 8,760.00
Landpride RCF 3696 mower	Johnson	\$ 5,880.00
Tarter Chain Harrow	Jones	\$ 448.00
Bradco Pallet Forks	Jones	\$ 640.00
Cat 299D XHP Power Rake	Keokuk	\$ 7,280.00
2017 Ford F-550 XL Chassis Cab Truck	Linn	\$ 10,000.00
Vicon PS225 Pendular Spreader	Marion	\$ 3,550.95
Fire PPE & Hand Tools 2017	Pottawattamie	\$ 4,418.71
2017 Ford F-550 Heavy Duty Truck	Poweshiek	\$ 10,000.00
300 Gallon ROW Spray Unit	Poweshiek	\$ 9,100.00
Dedicated Heavy Duty Truck	Sac	\$ 10,000.00
GPS GIS Equipment for Inventory	Scott	\$ 2,800.00
Roadside Inventory	Scott	\$ 5,000.00
Forestry Head for Bobcat	Shelby	\$ 15,000.00
F-450 Heavy duty truck	Shelby	\$ 10,000.00
Schmeiser Till An' Pak Cultipacker	Story	\$ 3,100.00
Spray System Upgrade	Story	\$ 2,040.00
Peltor LiteCom Plus 2-Way Radio Headset	Story	\$ 880.00
Bobcat 82" Root Grapple	Washington	\$ 2,231.36
Finn T-90 Hydroseeder	Winneshiek	\$ 24,000.00
Roadside Inventory	Winneshiek	\$ 8,000.00
300 Gallon Skid Mounted Sprayer	Winneshiek	\$ 4,003.98
<b>Subtotal for County Projects</b>		<b>\$ 281,521.48</b>
<b>TOTAL</b>		<b>\$ 814,094.08</b>



# Living Roadway Trust Fund Projects Fiscal Year 2017







**Projects Funded with  
Increased Revenue**



# Projects Funded with Increased Revenue

This Program includes continued advances in the investment of funding to improve state roads and bridges. These advances are possible due to additional revenue authorized by Senate File 257 and signed into law on February 25, 2015. As directed by the legislation, 100 percent of the additional revenue allocated to the Iowa Department of Transportation (DOT) will be spent on road and bridge projects that are critical to maintaining Iowa's transportation infrastructure and create opportunities for expanded economic activity. Over the five years of this Program, it is forecast that an additional \$517.7 million of funding is available for these additional projects. A list of projects able to be funded due to Senate File 257 is included following this page.

Since adoption of SF 257, the Commission has extensively discussed how to assess and prioritize critical road and bridge construction projects to be funded with the additional revenue. There are several types of critical need projects that exist including projects to address pavement and bridge condition issues, safety projects, and projects that are vital to grow Iowa's economy by lowering transportation costs and supporting new developments.

Every year, the Commission determines funding targets for stewardship investments in pavement resurfacing, bridge repair/replacement, safety improvements, and Interstate projects. As a result of SF 257, the Commission has been able to increase those targets to improve safety and bridge/pavement conditions. The Commission has also identified preliminary target levels for these categories for the five years following this Program and they continue to significantly increase over that time.

Beyond the types of projects that can be funded with the stewardship investment categories described above, there are several one or two-year critical projects that address more significant safety and condition needs. The Commission was able to add these projects totaling over \$25 million to this Program.

Finally, the Commission was able to continue to complete existing four-lane improvements to U.S. 20 in Sac County, U.S. 30 in Tama and Benton Counties, and U.S. 61 in Des Moines County. An additional section of four-lane improvements was added to U.S. 61 in Des Moines and Louisa Counties from north of Mediapolis to one mile north of Iowa 78.

The Commission has heard from industries, school districts, emergency service providers, farmers, and economic development officials about the importance of completing four-lane corridors to better connect the state to the rest of Iowa and provide more efficient corridors for moving goods to surrounding states, across the nation, and to international markets. While investment in four-lane

construction projects is not repair or rehabilitation of an existing road, that does not mean they are not critical projects. The efficient movement of people and goods is essential in supporting and strengthening the economy of Iowa.

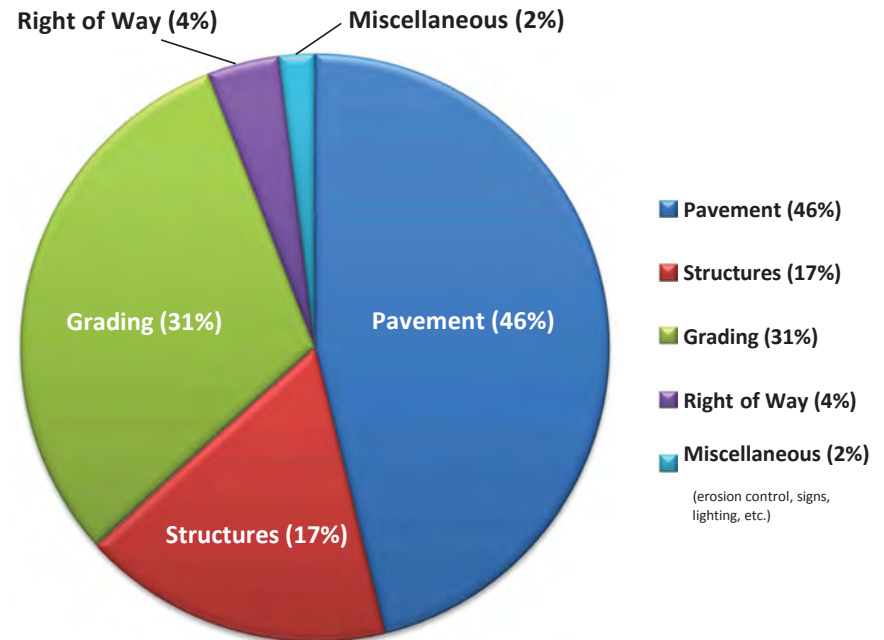
The list of projects following this page totals the amount of forecast additional funding over this five-year time period. In order to match the forecast amount of additional funding, it is possible that the full cost of a project is not reflected in the project list. Please refer to the full Highway Program list for full project costs.

The pie chart below summarizes the additional projects by work type.

## Highway Program Information and Services

On a periodic basis, the Commission considers adjustments to the highway program. Information regarding these changes can be accessed on the DOT's website at [iowadot.gov/program\\_management/five-year-program](http://iowadot.gov/program_management/five-year-program).

## 2018-2022 Highway Program by Work Type Projects Funded with Increased Revenue



Forecast of five years of additional funding is \$517.7 Million

2018 - 2022 IOWA HIGHWAY PROGRAM  
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
	(01) ADAIR								
92	MARVEL CREEK 0.3 MI W OF CO RD P33		BRIDGE REPLACEMENT RIGHT OF WAY		8		1670		
	(02) ADAMS								
148	MIDDLE NODAWAY RIVER 1.8 MI S OF S JCT CO RD H20		BRIDGE DECK OVERLAY					590	
	(03) ALLAMAKEE								
76	0.15 MI N OF CO RD A26		RIGHT OF WAY RIP RAP		3 200				
	(04) APPANOOSE								
5	DITCH 0.6 MI S OF CO RD T30		BRIDGE REPLACEMENT					860	
	(06) BENTON								
30	TAMA CO TO W JCT US 218	14.0	BRIDGE NEW CULVERT REPLACEMENT GRADING MITIGATION PAVING RIGHT OF WAY TRAFFIC SIGNS			1700		9500	1974 432 20273 800 16580 343
30	US 218 INTERCHANGE	0.3	BRIDGE NEW EROSION CONTROL GRADE AND PAVE LIGHTING TRAFFIC SIGNS	1719			218		15275 234 523

2018 - 2022 IOWA HIGHWAY PROGRAM  
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
(07) BLACK HAWK								
20	IA 21 TO THE CEDAR RIVER IN WATERLOO (EB &WB)	1.9	GRADE AND PAVE		11663			
57	HUDSON RD TO FRANKLIN ST IN CEDAR FALLS (STATE SHARE)	0.9	GRADE AND PAVE		5750			
(08) BOONE								
17	0.5 MI N OF US 30 TO 3 MI N		RIGHT OF WAY					500
(10) BUCHANAN								
187	US 20 TO IA 3	15.1	PAVEMENT REHAB	720				
(11) BUENA VISTA								
3	DITCH 0.4 MI W OF CO RD M54		CULVERT REPLACEMENT				821	
(12) BUTLER								
57	GRAN CREEK 0.5 MI E OF CO RD T19		BRIDGE REPLACEMENT					950
(13) CALHOUN								
4	W JCT IA 175 TO NEAR SCL ROCKWELL CITY	7.8	PAVEMENT REHAB	540				
(15) CASS								
6	INDIAN CREEK 0.4 MI E OF IA 48		BRIDGE DECK OVERLAY					600
(17) CERRO GORDO								
65	E BRANCH BEAVERDAM CR 0.7 MI S OF CO RD B60		BRIDGE REPLACEMENT MITIGATION				1105 80	
(20) CLARKE								
69	N OF SHAW ST IN OSCEOLA TO CO RD R35	1.2	PAVEMENT REHAB	423				

2018 - 2022 IOWA HIGHWAY PROGRAM  
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
	(21) CLAY							
18	S JCT US 71 TO CO RD N28	15.5	PAVEMENT REHAB	1269				
	(22) CLAYTON							
52	LITTLE TURKEY RIVER 0.3 MI S OF CO RD C9Y		BRIDGE DECK OVERLAY		488			
	(23) CLINTON							
136	US 61 TO LOST NATION	8.7	PAVEMENT REHAB	550				
	(24) CRAWFORD							
30	BEGIN 4-LANE E OF BOYER RIVER TO E OF LINCOLN WAY (WB)	1.6	PAVEMENT REHAB	891				
	(25) DALLAS							
80	US 6/169 IN DE SOTO TO CO RD R16		BRIDGE REPLACEMENT					5420
	(28) DELAWARE							
20	BRANCH PLUM CREEK 5.0 MI E OF IA 38 (EB)		BRIDGE DECK OVERLAY					99
	(29) DES MOINES							
61	MEMORIAL PARK RD IN BURLINGTON TO S OF 210TH ST	10.2	BRIDGE NEW		2322			
			BRIDGE REPLACEMENT				2296	
			CULVERT REPLACEMENT	486				
			EROSION CONTROL					1789
			GRADE AND PAVE				31307	
			GRADING	17297				
			MITIGATION	755				
			PAVING			19300		
			TRAFFIC SIGNS			125	125	



2018 - 2022 IOWA HIGHWAY PROGRAM  
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
61	S OF 210TH ST TO N OF MEDIAPOLIS	2.5	BRIDGE NEW CULVERT REPLACEMENT GRADE AND PAVE GRADING RIGHT OF WAY	2000			1400	4192 144 15358
61	N OF MEDIAPOLIS TO 1 MI N OF IA 78 (31) DUBUQUE		RIGHT OF WAY					2400
3	ECL OF LUXEMBURG TO TOLLGATE RD (CO RD Y13) (34) FLOYD	4.1	GRADE AND PAVE RIGHT OF WAY	300	6644			
18	US 218/IA 27 INTERSECTION IN FLOYD (35) FRANKLIN	0.2	BRIDGE NEW GRADE AND PAVE LIGHTING RIGHT OF WAY TRAFFIC SIGNS				1000	4155 12256 64 125
65	SQUAW CREEK 0.2 MI N OF IA 3 IN HAMPTON (36) FREMONT		BRIDGE REPLACEMENT RIGHT OF WAY		10	682		
2	STREAM 3.9 MI E OF I-29 (37) GREENE		BRIDGE DECK OVERLAY					490
144	EAST BUTTRICK CREEK 4.0 MI S OF IA 175 (43) HARRISON		BRIDGE REPLACEMENT					1120
30	MILL CREEK 7.2 MI E OF CO RD F32		BRIDGE REPLACEMENT RIGHT OF WAY		2155 8			

2018 - 2022 IOWA HIGHWAY PROGRAM  
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
(47) IDA								
20	CORRECTIONVILLE TO W JCT US 59		EROSION CONTROL		209			
20	E JCT US 59 TO W OF ADAMS AVE		EROSION CONTROL		209			
(49) JACKSON								
62	MAQUOKETA RIVER 1.1 MI E OF IA 64		BRIDGE DECK OVERLAY				950	
(50) JASPER								
6	DITCH 0.2 MI E OF CO RD T12		BRIDGE REPLACEMENT					625
(51) JEFFERSON								
1	S OF LIBERTYVILLE RD TO FILLMORE AVE IN FAIRFIELD	0.5	GRADE AND PAVE					3500
(52) JOHNSON								
1	STREAM 2.1 MI S OF CO RD F52		BRIDGE REPLACEMENT RIGHT OF WAY		5		773	
1	OLD MANS CREEK 1.5 MI S OF CO RD F52		BRIDGE REPLACEMENT RIGHT OF WAY		15		2944	
(53) JONES								
136	STREAM 0.2 MI N OF CO RD E45		BRIDGE REPLACEMENT					690
(54) KEOKUK								
92	IA 21 AND CO RD V33 INTERSECTIONS	1.0	GRADE AND PAVE				2800	
(55) KOSSUTH								
169	BLACK CAT CREEK 4.2 MI N OF US 18		BRIDGE REPLACEMENT					1400

2018 - 2022 IOWA HIGHWAY PROGRAM  
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RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
	(56) LEE							
2	SUGAR CREEK 1.8 MI W OF US 218		BRIDGE REPLACEMENT					1540
	(57) LINN							
13	1.0 MI N OF COUNTY HOME RD TO 2.0 MI S OF CENTRAL CITY (SB)	4.2	CULVERT EXTENSION GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNS	450	122 11329			84
	(58) LOUISA							
78	HONEY CREEK 1.8 MI W OF US 61		BRIDGE REPLACEMENT					2000
	(59) LUCAS							
34	STREAM 2.3 MI E OF E JCT US 65		BRIDGE REPLACEMENT					1030
	(60) LYON							
9	0.25 MI W OF ECL OF ROCK RAPIDS TO CO RD L26	13.6	PAVEMENT REHAB	940				
	(61) MADISON							
169	NORTH RIVER 3.5 MI N OF N JCT IA 92		BRIDGE DECK OVERLAY					500
	(62) MAHASKA							
92	NORTH SKUNK RIVER 2.2 MI E OF E JCT CO RD V13		BRIDGE REPLACEMENT					3900
	(64) MARSHALL							
146	CO RD E49 TO US 30	2.3	BRIDGE NEW CULVERT NEW EROSION CONTROL GRADE AND PAVE MITIGATION	2045 342 4180 60	209			

2018 - 2022 IOWA HIGHWAY PROGRAM  
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RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000					
				2018	2019	2020	2021	2022	
(67) MONONA									
141	2.5 MI E OF CO RD L32 TO 0.4 MI W OF CO RD L37	2.6	GRADING RIGHT OF WAY	800	3373				
(69) MONTGOMERY									
34	WEST NODAWAY RIVER 0.3 MI W OF US 71 (EB)		BRIDGE DECK OVERLAY					610	
(70) MUSCATINE									
6	MUD CREEK 2.3 MI W OF IA 38		BRIDGE DECK OVERLAY					460	
(71) O'BRIEN									
18	WATERMAN CREEK 1.3 MI W OF CO RD M12		BRIDGE REPLACEMENT RIGHT OF WAY		8	2084			
(73) PAGE									
59	EAST NISHNABOTNA RIVER 1.0 MI N OF IA 48		BRIDGE REPLACEMENT					3412	
(74) PALO ALTO									
18	CYLINDER CREEK AT W JCT CO RD N60		BRIDGE REPLACEMENT					2060	
(75) PLYMOUTH									
3	DITCH 1.6 MI W OF CO RD K42		CULVERT REPLACEMENT			808			
75	JACKSON ST IN MERRILL TO CO RD C38		EROSION CONTROL	100					
(77) POLK									
69	I-80 TO SE 33RD ST IN ANKENY	3.6	EROSION CONTROL GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNALS TRAFFIC SIGNS				1745	16200 750 50	

2018 - 2022 IOWA HIGHWAY PROGRAM  
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
(78) POTTAWATTAMIE								
680	N I-29 INTERCHANGE TO CO RD L34 (EB)	7.1	PAVEMENT REHAB TRAFFIC SIGNS	7941 250				
(79) POWESHIEK								
6	ROCK CREEK 0.7 MI E OF W JCT IA 21		BRIDGE DECK OVERLAY					220
(81) SAC								
20	W OF ADAMS AVE TO W OF US 71		EROSION CONTROL		235			
(82) SCOTT								
461	DUCK CREEK 0.4 MI S OF US 6 IN DAVENPORT (NB)		BRIDGE REPLACEMENT				2400	
(85) STORY								
69	GRAND AVE IN AMES 0.1 MI N OF OF LINCOLN WAY		BRIDGE DECK OVERLAY					265
(86) TAMA								
30	TAMA BYPASS TO BENTON CO	11.2	BRIDGE NEW CULVERT EXTENSION CULVERT NEW CULVERT REPLACEMENT EROSION CONTROL GRADE AND PAVE GRADING LIGHTING MITIGATION PAVING TRAFFIC SIGNS	7257 230 3136 228		2028 536		298
					36595	15178		
							111	
					1643			
						29899		
						290		
(90) WAPELLO								
34	IA 149 INTERSECTION IN OTTUMWA	0.1	GRADE AND PAVE			342		

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RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
	(91) WARREN							
35	N OF NORTH RIVER TO S OF BADGER CREEK (SB)	2.6	BRIDGE REPLACEMENT GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNS				4360 15347 200 298	
	(92) WASHINGTON							
92	E OF US 218 TO IA 70 IN COLUMBUS JUNCTION		RIGHT OF WAY					426
	(94) WEBSTER							
20	0.5 MI E OF CO RD P73 TO W JCT IA 17 (EB & WB)	4.8	PAVING RIGHT OF WAY		12200 10			
	(95) WINNEBAGO							
9	DITCH 0.1 MI E OF CO RD R74		CULVERT REPLACEMENT RIGHT OF WAY			8	975	
	(96) WINNESHIEK							
52	UPPER IOWA RIVER 1.8 MI N OF IA 9		BRIDGE DECK OVERLAY					375
	(97) WOODBURY							
31	LITTLE SIOUX RIVER 0.8 MI S OF US 20		BRIDGE DECK OVERLAY					660
	(98) WORTH							
9	BEAVER CREEK 0.5 MI W OF CO RD S18		BRIDGE REPLACEMENT					1040
	(99) WRIGHT							
17	PRAIRIE CREEK 0.9 MI N OF CO RD C26		BRIDGE REPLACEMENT				2132	

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RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2018	2019	2020	2021	2022
	(00) STATEWIDE							
	NON-INTERSTATE PAVEMENT MODERNIZATION		PAVEMENT REHAB		10000	10000	10000	10000
	STATEWIDE SAFETY SPECIFIC		PAVING		5000	5000	5000	5000

