

2017-2021

IOVVA TRANSPORTATION
IMPROVEMENT PROGRAM













Dear lowans:

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.

The Iowa Transportation Improvement Program (Program) is published to inform you of planned investments in our state's multimodal transportation system including aviation, public transit, railroads, trails, 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 lowa Department of Transportation (DOT) will be spent on road and bridge projects that are critical to maintaining lowa'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 2017-2021 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 lowa's existing highway system. Over \$1.6 billion is programmed in FY 2017 through FY 2021 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 County from south of 210th Street to north of Mediapolis and accelerate the construction of U.S. 30 in Benton County for the Iowa 21 interchange. 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 multivear 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 lowa and allow major freight movements to occur delivering lowa 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 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 last year of the 2017-2021 Highway Program. Therefore, there is some federal funding uncertainty after this date.

The lowa DOT and Commission 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 lowa'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 lowa DOT, and is subject to change.

You are invited to visit the lowa DOT's website at iowadot.gov for additional and regular updates about the department's programs and activities.

Respectfully,

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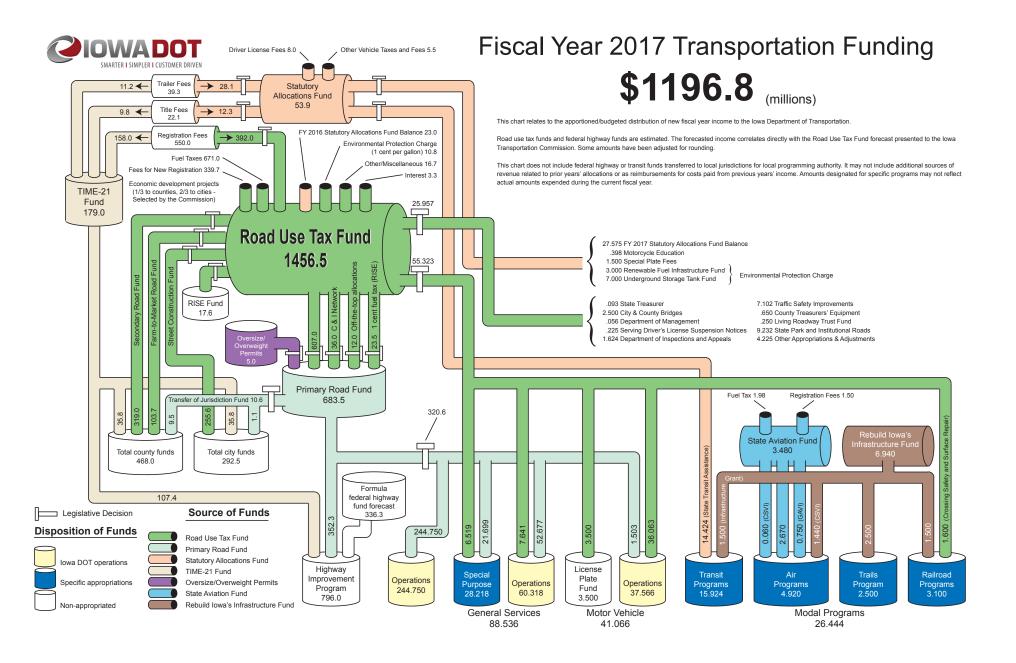
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Fiscal Year (FY) in this document refers to the state fiscal year from July 1 to June 30, unless otherwise noted.

Federal and state laws prohibit employment and/or public accommodation discrimination on the basis of age, color, creed, disability, gender identity, national origin, pregnancy, race, religion, sex, sexual orientation or veteran's status. If you believe you have been discriminated against, please contact the lowa Civil Rights Commission at 800-457-4416 or lowa Department of Transportation's affirmative action officer. If you need accommodations because of a disability to access the lowa Department of Transportation's services, contact the agency's affirmative action officer at 800-262-0003.



Iowa Transportation Policy

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

Policy

A. General

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

B. Plan

- 1. Develop a transportation system plan, which:
 - Considers all transportation modes as interacting elements.
 - Considers facilities and services necessary for person and commodity movement from origin to destination.
 - Contributes to the development and implementation of a comprehensive state plan.
 - Exerts a positive influence on social, economic, environmental, and aesthetic values.
 - Provides safe and convenient travel opportunities.
 - Minimizes economic, energy and environmental costs.
 - Coordinates available federal, state and local resources.
 - Recommends appropriate investment and funding procedures.
 - Makes the best use of land resources for permanent transportation use.
 - Encourages more efficient use of energy resources.
 - · Fosters usage of technological advancements in transportation facilities.
 - Evaluates progress toward achievement of the goal contained in this policy.
- 2. Encourage and assist in the development, preservation, maintenance, improvement, and efficient use of all transportation systems. including:
 - · General aviation, airport facilities and air carrier services.
 - Highway transportation systems and services, including accessibility for commercial and industrial economic development throughout lowa.
 - · Public transit systems and services.
 - Railroad transportation systems and services.
 - River transportation.
 - 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 asneeded 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 lowa 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.

lowa 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 lowa 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, or by calling 515-239-1691.

Aviation Funding Summary

Program	Fede	ral	State	Other	Total
Airport Improvement Program (FY 2016)	\$	0	\$ 3,079,687	\$ 693,108	\$ 3,772,795
Commercial Service Vertical Infrastructure (FY 2016)	\$	0	\$ 1,500,000	\$ 29,930,852	\$ 31,430,852
General Aviation Vertical Infrastructure (FY 2016)	\$	0	\$ 847,335	\$ 3,150,570	\$ 3,997,905
Federal Aviation Administration Discretionary (FY 2016)	\$ 27,629,0	62	\$ 0	\$ 2,762,906	\$ 30,391,968
TOTALS	\$ 27,629,0	62	\$ 5,427,022	\$ 38,037,436	\$ 71,093,520

Aviation Program Fiscal Year 2016

Commercial Service Ver	tical Infrastructure (CSVI) Projects	\$ 1,500	,000
General Aviation Vertica	I Infrastructure (GAVI) Projects	\$ 847	,335
Airport Improvement Pro	ogram	\$ 3,079	,687
RuImOIWW	WOS maintenance, data link unway marking nmediate safety enhancements bstruction mitigation /ildlife mitigation /indsocks ducation and outreach	\$ 425,814	
AiAiSt	and Development irport development projects ir service development tatewide planning and research oning ordinances	\$ 2,653,873	
TOTAL		\$ 5,427	,022

Commercial Service Vertical Infrastructure (CSVI) Program Fiscal Year 2016

Airport	Type of Improvement	Total Project Cost	State Share
Burlington	Replace storm damaged hangars	\$ 288,000	\$ 96,034
Cedar Rapids	Rehabilitate terminal building (phase 3)	\$ 8,018,250	\$ 319,397
Des Moines	Construct T-hangars	\$ 3,619,000	
Des Moines	Construct FBO Facility	\$ 16,471,000	\$ 585,230
Dubuque	Storage hangar design	\$ 2,500,000	\$ 105,684
Fort Dodge	Construct hangar	\$ 100,000	
Fort Dodge	Redesign flight service station	\$ 100,000	\$ 94,845
Mason City	Replace 8 garage overhead doors	\$ 46,000	
Mason City	Perform a terminal electrical & mechanical systems study	\$ 48,882	\$ 94,882
Sioux City	Rehabilitate and build hangars	\$ 120,000	\$ 102,732
Waterloo	Hangar rehabilitation and baggage area renovation	\$ 119,720	\$ 101,196
TOTAL		\$ 31,430,852	\$ 1,500,000

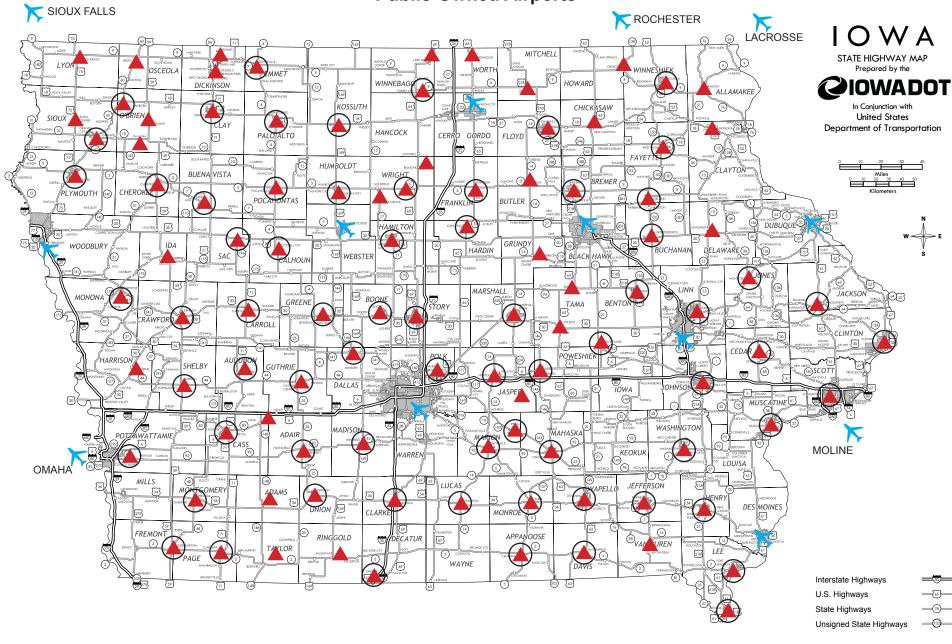
General Aviation Vertical Infrastucture (GAVI) Program Fiscal Year 2016

Airport	Type of Improvement	Total Project Cost	State Share
Ames	Site improvements for future terminal building	\$ 2,410,000	\$ 150,000
Council Bluffs	T-hangar Improvements	\$ 216,451	\$ 75,000
Cresco	Rehabilitate hangar and construct pilot lounge	\$ 18,728	\$ 15,919
Lamoni	Construct hangar	\$ 322,000	\$ 150,000
Marshalltown	Pave hangar floor	\$ 94,500	\$ 80,325
Perry	Repair hangar roof	\$ 20,000	\$ 14,000
Sibley	Rehabilitate terminal building	\$ 26,836	\$ 16,101
Sioux County	Construct maintenance and electrical vault buildings	\$ 182,200	\$ 150,000
Spencer	Rehabilitate hangar floor	\$ 76,650	\$ 45,990
Washington	Construct hangar	\$ 630,540	\$ 150,000
TOTAL		\$ 3,997,905	\$ 847,335

Airport Development Projects Fiscal Year 2016

Airport	Type of Improvement	Total Project Cost	State Cost
Ames	Rehabilitate taxiway	\$ 222,000	\$ 150,000
Burlington	Construct new taxiway and apron	\$ 449,500	\$ 382,075
Cherokee County	Create zoning ordinance	\$ 18,000	\$ 15,300
Clinton	Rehabilitate hangar apron	\$ 141,200	\$ 101,200
Davenport	Rehabilitate runway and taxiway pavement	\$ 136,158	\$ 95,311
Decorah	Terminal driveway and fence improvements	\$ 85,000	\$ 72,250
Iowa City	Expand aircraft parking apron	\$ 249,900	\$ 174,930
Iowa Falls	Conduct airport drainage study	\$ 34,450	\$ 29,280
Marion	Create airport layout plan	\$ 72,000	\$ 61,200
Marion	Create zoning ordinance	\$ 29,500	\$ 25,000
Marion	Create land use ordinance	\$ 22,500	\$ 19,125
Monticello	Construct taxiway for future t-hangar development	\$ 228,034	\$ 193,828
Muscatine	Upgrade airport electrical system	\$ 72,500	\$ 61,625
Ottumwa	Expand apron and taxiway	\$ 257,500	\$ 218,875
Paullina	Create zoning ordinance	\$ 20,000	\$ 17,000
Perry	Rehabilitate runway pavement	\$ 150,000	\$ 105,000
Pocahontas	Re-grade runway 18-36	\$ 25,500	\$ 21,675
Red Oak	Construct taxiways for T-hangars	\$ 93,900	\$ 75,120
Rock Rapids	Replace rotating beacon	\$ 45,500	\$ 36,400
Sioux County	Improve terminal area infrastructure	\$ 132,200	\$ 112,200
Sioux City	Improve airfield fencing, lighting and drainage	\$ 305,840	\$ 152,950
Vinton	Replace pole and rotating beacon	\$ 47,860	\$ 40,681
Washington	Construct hangar apron	\$ 77,604	\$ 65,963
Winterset	Construct taxilane trench drain	\$ 23,000	\$ 19,550
AIP transfer to GAVI			\$ 97,335
TOTAL		\$ 2,939,646	\$ 2,343,873

Public-Owned Airports



Commercial service airports

General aviation airports

Eligible for federal funds

Transit Program

Transit Program

The lowa DOT's Office of Public Transit promotes a public transportation system to meet the needs of lowans through advocacy, technical assistance, and administration of state and federal financial assistance to lowa'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 nonformula projects for transit systems serving lowa'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) – lowa 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 lowa. Estimated STA receipts for FY 2017 are projected to be \$14,424,000.

Public Transit Infrastructure Grant Program – This program is based on an annual appropriation. It is typically at or close to \$2.0 million. The purpose of the program is to provide funding for improvement of the vertical infrastructure of lowa'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 lowa 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 lowa 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 lowa 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 for 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 lowa based on a statutory formula. 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 maybe 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 lowa on the basis of the number of lowans 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 Program (STP): These are federal funds that
 may be "flexed" to fund public transit capital projects, roadway, or trail
 projects with an 80 percent federal participation limit, and match required
 to come from non-federal sources. In lowa, 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.
- lowa'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 STP funds can be used for, plus

- certain start-up operating costs for transit and rideshare projects. Federal participation is limited to 80 percent (including for net start-up operating costs), and match must be from non-federal sources. In lowa, 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 STP funds can be used for. Federal participation is limited to 80 percent and match must be from nonfederal 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 2013, the lowa 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, or by calling 515-233-7870.

Public Transit Funding Summary

Program	Federal	State	Other	Total
State Transit Assistance (FY 2017)	\$ 0	\$ 14,424,034	\$ 0	\$ 14,424,034
Public Transit Infrastructure Grant Program (FY 2016)	\$ 0	\$ 1,643,807	\$ 1,022,097	\$ 2,665,904
Intercity Bus Assistance Program (CY 2016)	\$ 1,814,572	\$ 0	\$ 5,052,456	\$ 6,867,028
Iowa's Clean Air Attainment Program (FY 2016)	\$ 1,093,212	\$ 0	\$ 273,303	\$ 1,366,515
Surface Transportation Program (FY 2016)	\$ 426,464	\$ 0	\$ 162,346	\$ 588,810
Federal Transit Administration (FTA) Formula Fund Allocations (FY 2016)	\$ 33,136,006	\$ 0	\$ 9,819,842	\$ 42,955,848
FTA Bus and Bus Facilities Fund Allocations (FY 2016)	\$ 7,513,983		\$ 1,325,997	\$ 8,839,980
TOTALS	\$ 43,984,237	\$ 16,067,841	\$ 17,656,041	\$ 77,708,119

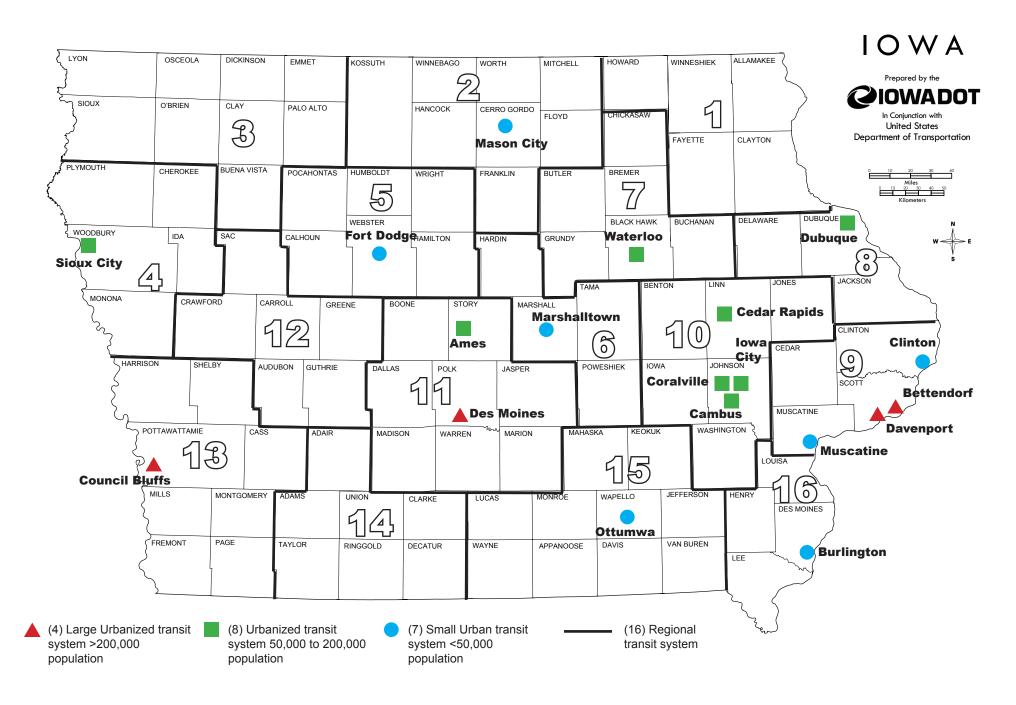
Public Transit Infrastructure Grant Program Fiscal Year 2016

Applicant	Project Description	State Infrastructure Funding
Region 2	Contruct addition to indoor parking facility	\$ 600,000
Region 5	City of Humboldt transit office and storage facility	\$ 805,956
Region 8	Roof-mounted solar array on transit garage	\$ 84,000
Burlington	Building improvements	\$ 480,000
Des Moines	Rehabilitate DART facility	\$ 600,000
Sioux City	Maintenance, repairs, renovations and improvements and installation -bus shelters, route infrastructures	<u>\$ 110,800</u>
TOTAL		\$ 2,680,756

Intercity Bus Assistance Program Calendar Year 2016

Transit System	Туре	Project Description		Federal Funding
Burlington Trailways Burlington Trailways	Continuation Continuation	Existing service support Marketing of existing service		\$ 296,451 \$ 7,500
			Subtotal	\$ 1,319,397
Jefferson Lines Jefferson Lines Jefferson Lines Jefferson Lines Jefferson Lines	Continuation Continuation Continuation New New	Existing service support Marketing of existing service Operating of lowa Travel Information Center Two over the road coaches full funding (85%) One over the road coach partial funding (57%)		\$ 165,231 \$ 7,500 \$ 48,600 \$ 1,057,740 \$ 323,192
			Subtotal	\$ 1,602,263
City of Dubuque	Continuation	Marketing of existing service		\$ 7,500
			Subtotal	\$ 7,500
MIDAS Council of Governments	Continuation	Marketing of existing service		\$ 7,500
			Subtotal	\$ 7,500
Sioux City	New	Ground Transportation Center upgrades		\$ 8,590
			Subtotal	\$ 8,590
TOTAL				\$ 2,945,250

Large Urbanized, Urbanized, Small Urban and Regional Transit Systems



Railroad Program

Railroad Program

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

- Enhance safe track conditions through routine track inspections.
- Advocate for policies and practices that benefit the rail transportation system.
- Promote the rail transportation system as a component of a balanced, statewide transportation system.

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 lowa 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 highwayrailroad 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 lowa DOT's Office of Rail Transportation website at www.iowadot.gov/iowarail, or by calling 515-239-1140.

Railroad Funding Summary

Program	Fed	deral		State		Other		Total
Federal Highway-Railroad Crossing Safety Program (FY 2017)	\$ 5,72	0,000	\$	0	\$	635,556	\$	6,355,556
State Highway-Railroad Crossing Safety Program (maintenance) (FY 2017)	\$	0	\$	700,000	\$	0	\$	700,000
State Highway-Railroad Crossing Surface Repair Program (FY 2017)	\$	0	\$	1,060,800	\$	707,200	\$	1,768,000
State Primary Highway-Railroad Crossings Program (FY 2017)	\$	0	\$	500,000	\$	0	\$	500,000
Railroad Revolving Loan and Grant Program (FY 2016)	\$	0	\$	1,297,380	\$	4,200,000	\$	5,497,380
TOTALS	\$ 5,720	,000	\$ 3,	558,180	\$ 5	,542,756	\$ 14	1,820,936

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
307648G	Le Mars / UP	UP	Le Mars	12th Street SW	Signals	Signals w/gate arms	5.6	\$240,000
307649N	Le Mars / UP	UP	Le Mars	18th Street SW	Signals	Signals w/gate arms	3.8	\$225,000
196370V	UP	UP	Cerro Gordo County	330th Street	Signals	Signals w/gate arms	3.4	\$180,000
190718N	UP	UP	Boone County	U Avenue	Crossbucks	Signals w/gate arms	3.1	\$220,000
603720K	Des Moines / IAIS	IAIS	Des Moines	5th Avenue	Signals	Signals w/gate arms	2.8	\$160,000
185848A	UP	UP	Osceola County	180th Street	Crossbucks	Signals w/gate arms	2.4	\$180,000
876051F	UP	UP	Story County	280th Street	Crossbucks	Signals w/gate arms	2.3	\$180,000
307526C	Alta	CC	Alta	Main Street	Signals	Signals w/gate arms	2.0	\$180,000
307628V	Plymouth County	CC	Plymouth County	Otter Avenue	Crossbucks	Signals w/gate arms	1.7	\$180,000
191223R	UP	UP	Harrison County	125th Street	Crossbucks	Signals w/gate arms	1.6	\$195,000
196553N	UP	UP	Webster County	Hayes Avenue	Crossbucks	Signals w/gate arms	1.4	\$180,000
196529M	UP	UP	Webster County	160th Street	Crossbucks	Signals w/gate arms	1.3	\$180,000
191097Y	UP	UP	Pottawattamie County	Sumac Road	Signals	Signals w/gate arms	1.0	\$210,000
195993B	UP	UP	Worth County	Wheelerwood Road	Crossbucks	Signals w/gate arms	0.9	\$185,000
379986C	Mason City	DME	Mason City	8th Street SE	Crossbucks	Signals w/gate arms	0.9	\$180,000
190335L	UP	UP	Boone County	A Avenue	Crossbucks	Signals w/gate arms	0.9	\$190,000
385520X	Ventura	DME	Ventura	360th Street	Crossbucks	Signals w/gate arms	0.9	\$180,000
195980A	UP	UP	Cerro Gordo County	300th Street	Signals	Signals w/gate arms	0.9	\$200,000
190455C	UP	UP	Cedar County	Echo Avenue	Crossbucks	Signals w/gate arms	0.9	\$240,000
195549V	UP	UP	Worth County	425th Street	Crossbucks	Signals w/gate arms	0.9	\$190,000
190738A	UP	UP	Greene County	I Avenue	Crossbucks	Signals w/gate arms	0.9	\$200,000
196440H	UP	UP	Wright County	Nelson Avenue	Crossbucks	Signals w/gate arms	0.9	\$180,000
190747Y	UP	UP	Greene County	D Avenue	Crossbucks	Signals w/gate arms	0.9	\$210,000
385526N	Hancock County / DME	DME	Hancock County	Yale Avenue	Crossbucks	Signals w/gate arms	0.9	\$160,000
074064R	Clarke County / BNSF	BNSF	Clarke County	300 Avenue	Crossbucks	Signals w/gate arms	8.0	\$200,000
190425K	UP	UP	Cedar County	Spicer Avenue	Crossbucks	Signals w/gate arms	8.0	\$175,000
190408U	Clinton	UP	Clinton	105th Avenue	Crossbucks	Signals w/gate arms	8.0	\$180,000
307587T	Cherokee County	CC	Cherokee County	L Avenue	Crossbucks	Signals w/gate arms	8.0	\$180,000
079121U	Lucas County	BNSF	Lucas County	270th Avenue	Crossbucks	Signals w/gate arms	0.8	\$180,000
307103C	Raymond / CC	CC	Raymond	Lafayette Road	Crossbucks	Signals w/gate arms	0.7	\$180,000
			Statewide			Crossing Closure		\$15,000

TOTAL \$ 5,735,000

^{*} HA = Highway Authority

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

State Highway-Railroad Crossing Surface Repair Program Fiscal Year 2016

County	Federal ID#	Railroad	Highway Jurisdiction	Road Location	State Surface Repair Fund (60%)
Mitchell	308975V	CEDR	St. Ansgar	West Fourth Street	\$ 207,000
Polk	603717C	IAIS	Des Moines	Southwest Second Avenue	\$ 54,000
Polk	603718J	IAIS	Des Moines	Third Street	\$ 53,100
Mitchell	308952N	CEDR	Osage	State Street & South Third Street intersection	\$ 124,200
Mitchell	308973G	CEDR	St. Ansgar	Sixth Street	\$ 114,000
Buchanan	307088C	CCP	Jesup	First Street	\$ 62,400
Mitchell	308971T	CEDR	St. Ansgar	Church Street	\$ 103,800
Mitchell	308954C	CEDR	Osage	Chase Street	\$ 133,200
Polk	917605X	IAIS	Urbandale	Aurora Avenue	\$ 44,400
Boone	271479R	BSVR	City of Boone	Greene Street	\$ 23,040

State Highway-Railroad Crossing Surface Repair Program Fiscal Year 2017

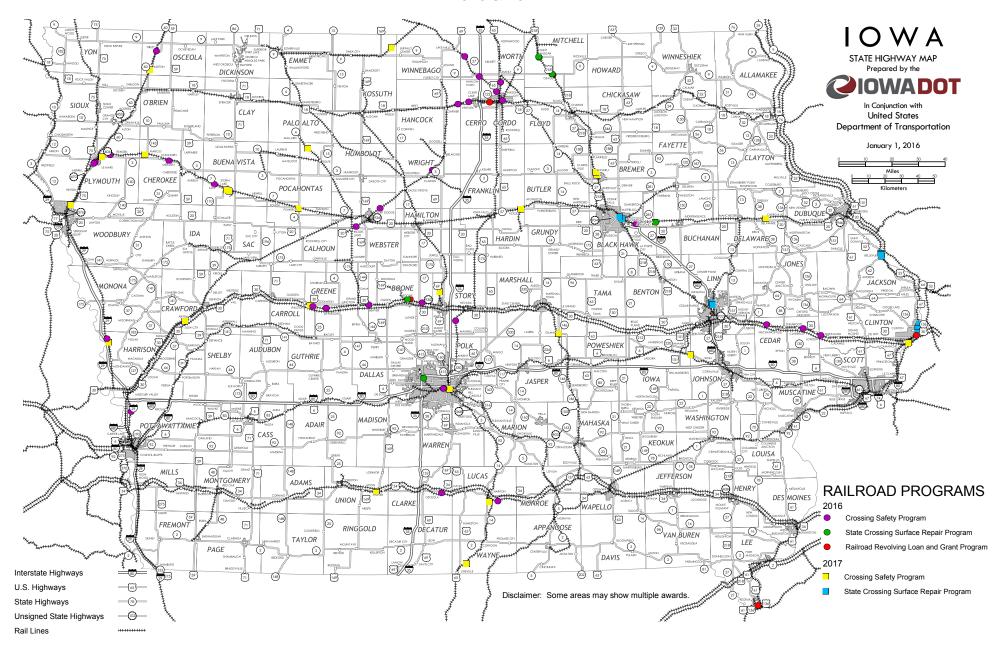
County	Federal ID#	Railroad	Highway Jurisdiction	Road Location	State Surface Repair Fund (60%)
Jackson	376099C	DME	Bellevue	Jefferson Avenue/399th Street	\$ 57,600
Jackson	376097N	DME	Bellevue	Motte Street	\$ 54,600
Jackson	376089W	DME	Bellevue	Market Street	\$ 66,600
Clinton	376046D	DME	City of Clinton	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

TOTAL \$ 1,060,800

Railroad Revolving Loan and Grant Program Fiscal Year 2016

Applicant	Project Location	Award Grant	Award Loan	Award Total
Targeted job creation projects				
A to Z Drying Rail Enhancement Project	City of Osage		\$ 200,00.00	\$ 200,000.00
Boone Scenic and Valley Railroad Industrial Line	City of Boone	\$ 240,000.00	\$ 316,050.00	\$ 556,050.00
Iowa Traction Rail Freight Transload Facility	City of Emery	\$ 59,653.00	\$ 35,792.00	\$ 95,445.00
Rail network improvement projects				
ADM "S" Curve Straightening Project	City of Clinton		\$ 165,600.00	\$ 165,600.00
KJRY Yard Enhancements Phase II	City of Keokuk		\$ 280,285.00	\$ 280,225.00
TOTAL		\$ 299,653.00	\$ 997,727.00	\$ 1,297,380.00

Railroad Projects 2016 & 2017



State and Federal Trails Programs

State Recreational Trails Program

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

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

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

Applications are evaluated primarily using the following criteria.

- Need, in terms of population to be served and existing trails in the area (25 points)
- Compatibility with local, area-wide, regional or statewide plans (15 points)
- Benefits of multiple uses and recreational opportunities (20 points)
- Quality of the site (25 points)
- Economic benefits to the local area (10 points)
- Special facilities for disabled users (5 points)

Forty-three applications were received by the July 1, 2015, deadline. The applications represented total project costs of \$54,793,900 with \$23,422,251 requested from the State Recreational Trails Program. Six projects were approved by the Commission for a total state commitment of \$3,400,000. The total cost for the approved projects is estimated to be \$9,096,990.

For additional information, visit the Iowa DOT's Office of Systems Planning website at www.iowadot.gov/systems_planning/fedstate_rectrails.htm, or by calling 515-239-1664.

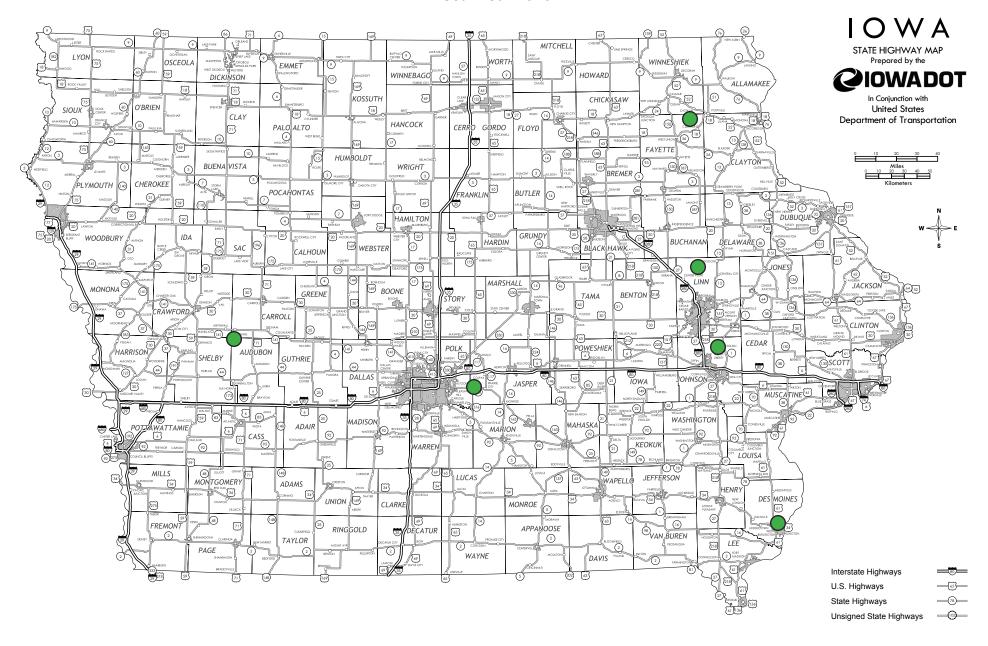
State Recreational Trails Funding Summary

Program	Federal		State	Other	Total
State Recreational Trails Program (FY 2016)	\$	0	\$ 3,400,000	\$5,696,990	\$9,096,990

State Recreational Trails Projects Fiscal Year 2016

Sponsor	Project Title	Awarded Amount
Linn County and Black County Conservation Boards	Cedar Valley Trail - "Paving the Way for the American Discovery Trail"	\$ 600,000
Burlington	Flint River Trail - Phase I South	\$ 398,500
Johnson County Conservation Board	Hoover Trail - "The Missing Link"	\$ 679,699
Manning	Hospital Connector Trail Bridge	\$ 222,300
Jasper County Conservation Board	Mitchellville to Prairie City Rails-to-Trails Corridor Development	\$ 749,501
Fayette County Conservation Board	Turkey River Recreational Corridor - Elgin to Gilbertson Park and the Turkey River	\$ 750,000
TOTAL		\$ 3,400,000

State Recreational Trails Projects Fiscal Year 2016



Federal Recreational Trails Program

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

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

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

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

- Maintaining existing trails, including grooming trails across snow
- Restoring damaged trails or areas damaged by trail-related use
- Providing trail access for people with disabilities
- Developing trailside or trailhead facilities
- · Purchasing or leasing equipment for trail construction, maintenance, or grooming
- Acquiring easements or property for trails
- Constructing new trails

States may provide grants to city and county governments, and other

government entities, including federal agencies and special government districts.

lowa 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.

Fourteen nonmotorized and two motorized applications were received by the October 1, 2015, deadline. The applications represented total project costs of \$19,541,419, with \$6,165,255 requested from the Federal Recreational Trails Program. Six projects were approved by the Commission for a total commitment of \$1,307,740. The total cost for the approved projects is estimated to be \$4,044,615.

For additional information, visit the Iowa DOT's Office of Systems Planning website at www.iowadot.gov/systems_planning/fedstate_rectrails.htm, or by calling 515-239-1664.

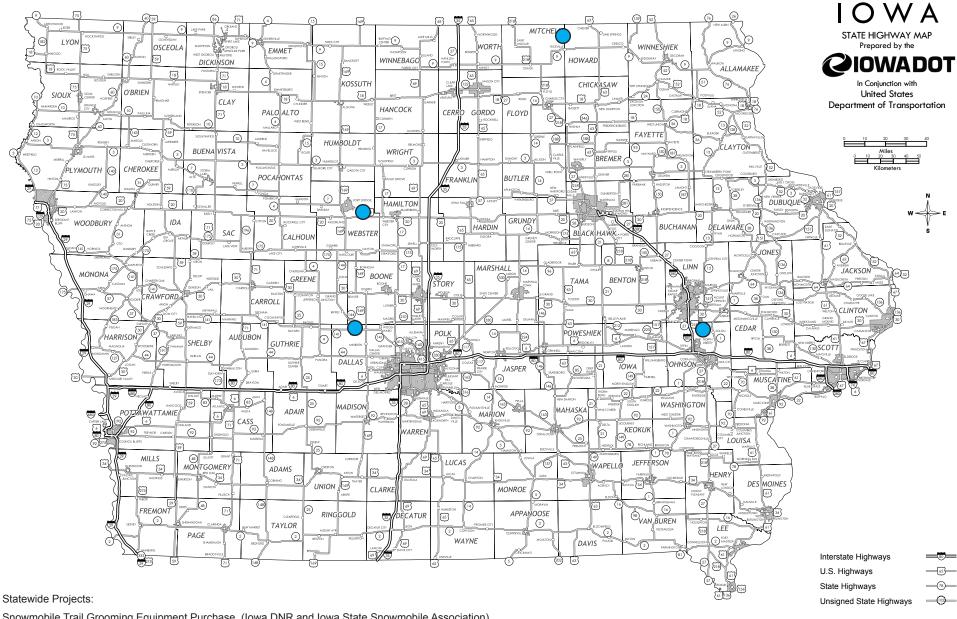
Federal Recreational Trails Funding Summary

Program	Federal	State	Other	Total
Federal Recreational Trails (FY 2017)	\$1,307,740	\$ 0	\$2,736,875	\$4,044,615

Federal Recreational Trails Projects Federal Fiscal Year 2017

Sponsor	Project Title	Awarded Amount
Iowa Departmernt of Natural Resources and Webster County Improvement Corporation	Gypsum City OHV Park - Trail Maintenance Equipment	\$ 56,603
Johnson County Conservation Board	Hoover Trail - "The Missing Link" Priority 2	\$ 450,000
Dallas County Conservation Board	Raccoon River Valley Trail to High Trestle Trail Connector, City of Bouton to Quinlan Avenue	\$ 170,944
lowa 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	\$ 24,000
Howard County Conservation Board	Wapsi-Great Western Line Recreational Trail - Acme to Riceville Section	\$ 366,760
TOTAL		\$ 1,307,740

Federal Recreational Trails Projects Federal Fiscal Year 2017



Snowmobile Trail Grooming Equipment Purchase (Iowa DNR and Iowa State Snowmobile Association)

Support for Program and Bicycle/Trails Summits (Iowa DOT)

Revitalize lowa's Sound Economy (RISE)

Revitalize Iowa's Sound Economy (RISE)

The RISE Fund was created in 1985 to promote economic development in lowa 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 lowa, as well as expand existing ones. Since its beginning, RISE has assisted in creating or retaining more than 83,359 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 2015 is included on the following pages.

Annual Report - This summary also serves as the annual report required by 761 lowa Administrative Code section 163.3(4). The following table documents the amount of RISE funding awarded/programmed in FY 2015, 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 2015 RISE Funding

	Amount Awarded/	Annual Revenue	Percent of Annual Revenue Awarded	
	Programmed		Programmed	
Primary Roads	\$24,955,742.00	\$24,088,739.00	104%	
City Streets	\$10,829,430.00	\$12,044,370.00	90%	
Secondary Roads	\$ 1,259,258.00	\$ 6,022,185.00	21%	

For additional information, visit the Iowa DOT's Office of Systems Planning website at www.iowadot.gov/systems_planning/rise.htm, or by calling 515-239-1664.

RISE Fund Immediate Opportunity Projects Fiscal Year 2015

Applicant Name	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
Burlington	Metal Containers	\$ 1,320,000	\$ 1,659,788	20%	120	\$ 125,000,000	3/10/2015
Council Bluffs	Wholesale Electric Supply	\$ 935,445	\$ 1,169,306	20%	117	\$ 14,497,132	10/14/2014
Grinnell	Reinsurance/Insurance	\$ 549,000	\$ 916,838	40%	61	\$ 12,765,599	4/15/2015
Sioux City	Freight Railcar Maintenance	\$ 710,381	\$ 887,976	20%	84	\$ 36,075,000	11/4/2014
Totals 4 Approved I	Projects	\$3,514,826	\$ 4,633,908		382	\$ 188,337,731	
Averages 4 Approv	ed Projects	\$ 390,536	\$ 514,879		42	\$ 20,926,415	

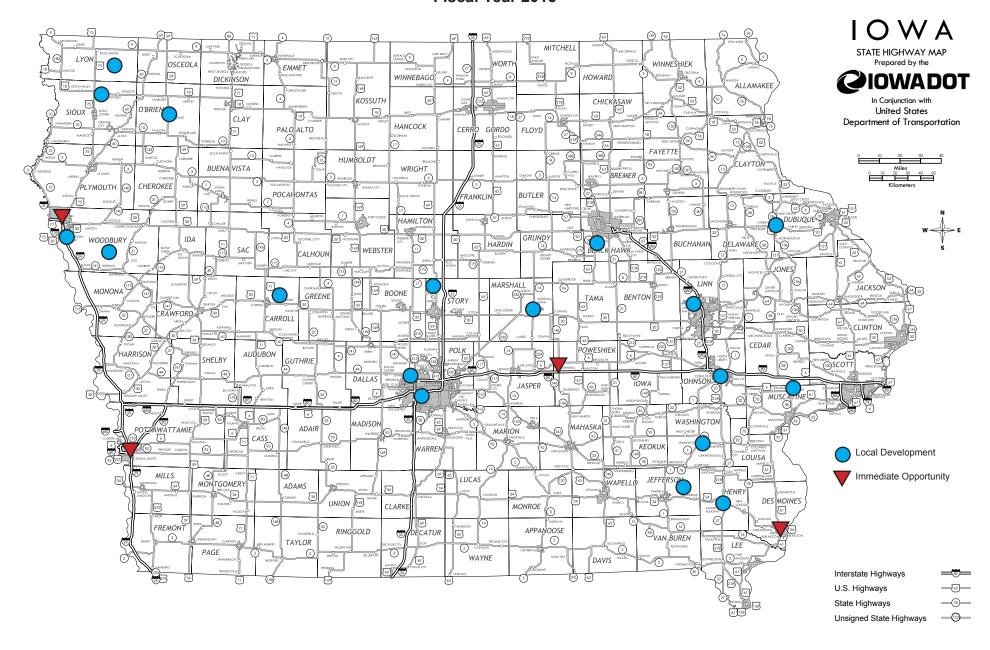
RISE Fund Local Development Projects Fiscal Year 2015

Applicant Name	Cycle		Business Type Involved	E Funds proved	Pr	l Road oject Cost	Percent of Non-RISE Participation	Jobs Assisted	In	tal Capital vestment lon-RISE)	Date of Commission Approval
Carroll County	February	2015	Manufacturing	\$ 163,800	\$	234,592	30%	13	\$	26,213,800	5/12/2015
Dyersville	February	2015	Industrial Area	\$ 326,255	\$	652,509	50%	0	\$	2,016,304	4/14/2015
Grimes	February	2015	Light Industrial/Manufacturing/Warehouse	\$ 164,096	\$	328,191	50%	0	\$	825,974	4/14/2015
Hiawatha	September	2014	Industrial/Manufacturing	\$ 329,300	\$	658,600	50%	6	\$	6,255,000	2/10/2015
Hudson	February	2015	Industrial/Manufacturing/Office	\$ 551,600	\$ 1	1,103,200	50%	0	\$	2,384,000	3/10/2015
Hull	September	2014	Industrial/Manufacturing	\$ 410,125	\$	572,247	28%	0	\$	2,337,400	11/4/2014
Iowa City	February	2015	Professional Office	\$ 283,027	\$	566,054	50%	0	\$	5,493,403	3/10/2015
Jefferson County	February	2014	Agri Business	\$ 140,625	\$	281,250	50%	6	\$	27,300,000	7/8/2014
Lyon County	September	2014	Manufacturing	\$ 188,583	\$	377,166	50%	5	\$	1,813,400	10/14/2014
Marshalltown	February	2015	Wood Truss Assembly and Distribution	\$ 79,088	\$	158,175	50%	43	\$	6,960,000	4/14/2015
Mount Pleasant	February	2014	Professional Office	\$ 115,220	\$	219,556	48%	0	\$	725,000	12/9/2014
Primghar	February	2014	Industrial Area	\$ 295,656	\$	481,533	39%	1	\$	1,510,000	8/12/2014
Sergeant Bluff	September	2014	Industrial/Manufacturing	\$ 815,234	\$ 1	1,630,468	50%	0	\$	1,232,937	10/14/2014
Story City	September	2014	Industrial/Manufacturing	\$ 323,709	\$	647,418	50%	0	\$	1,364,940	11/4/2014
Washington	February	2014	Industrial Area	\$ 581,784	\$ 1	1,163,568	50%	0	\$	1,538,816	9/9/2014
West Des Moines	February	2014	Data Communication	\$ 3,519,375	\$ 7	7,038,750	50%	84	\$ 1	,126,218,400	7/8/2014
Wilton	February	2015	Egg Hatching	\$ 387,138	\$	774,275	50%	48	\$	28,897,233	4/22/2015
Woodbury County	February	2015	Biodiesel	\$ 766,250	\$ 1	1,532,500	50%	20	\$	90,766,250	6/9/2015
Totals 18 Appro	ved Projects			\$ 9,440,865	\$ 18	3,420,052		226	\$ 1	,333,852,857	
Averages 18 Ap	proved Proje	ects		\$ 674,348	\$ '	1,315,718		16	\$	95,275,204	

Footnotes:

- Job creation or retention is not a criteria for project funding.
 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 2015



Iowa Statewide Transportation Alternatives Program

Iowa Statewide Transportation Alternatives Program

Statewide Transportation Alternatives Program (TAP) projects are communitybased 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 lowa DOT's website site at 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.

Nine applications were received by the October 1, 2015, deadline. The applications represented total project costs of \$3,099,265, with \$2,023,768 requested from the Statewide Transportation Alternatives Program. Five projects were approved by the Commission for a total commitment of \$1,000,000. The total cost for the approved projects is estimated to be \$1,696,775.

For additional information, visit the lowa DOT's Office of Systems Planning website at www.iowadot.gov/systems_planning/trans_enhance.htm, or by calling 515-239-1664.

Iowa Statewide Transportation Alternatives Program Projects Federal Fiscal Year 2017

Sponsor	Project Title	Awarded Amount
Iowa DOT	Urban Youth Corps	\$ 80,000
Trees Forever	Iowa's Living Roadways Projects and Trails Visioning Programs	\$ 249,562
University of Northern Iowa and UNI Integrated		
Roadside Vegetation Management	UNI Integrated Roadside Vegetation Management	\$ 424,850
Iowa State University	Enhancing I-Walk: Iowa Visualization, Index and Evaluation of Walkability (I-VIEW)	\$ 64,617
Iowa Northland Regional Council of Governments		•
and Iowa Bicycle Coalition	Iowa Safe Routes to School Partnership	\$ 180,971
TOTAL		\$ 1,000,000

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 lowa 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 lowa become a nonattainment state, transportation control measures or other projects that are documented as improving air quality in lowa's State Implementation Plan (SIP) will receive the highest priority for funding.

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

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

Eligibility - Iowa's program funds may be used anywhere in the state for any activity eligible under the Surface Transportation Program, as described in Section 133(b) of Title 23, U.S. Code, as amended by MAP-21, or the Congestion Mitigation and Air Quality Program, as indicated in Section 149(b) of Title 23, U.S. Code, as amended by MAP-21. 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 singleoccupant 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.

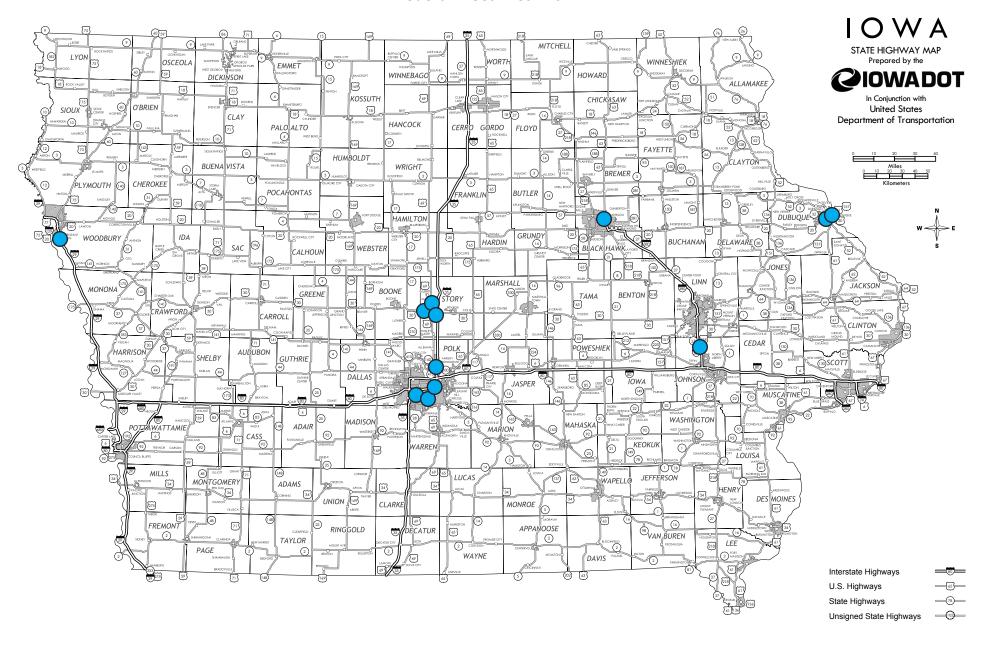
Twenty applications were received by the October 1, 2015, deadline. The applications represented total project costs of \$34,996,942, with \$8,039,562 requested from the ICAAP. Twelve projects were approved by the Commission for a total commitment of \$3,993,421. The total cost for the approved projects is estimated to be \$6,221,576.

For additional information, visit the Iowa DOT's Office of Systems Planning website at www.iowadot.gov/systems_planning/icaap.htm, or by calling 515-239-1664.

Iowa's Clean Air Attainment Program Projects Federal Fiscal Year 2017

Sponsor	Project Title	Awarded A	Amount
Ames Transit Agency	#2 Green/#6 Brown/#3 Blue Service Expansion	\$	162,578
Ames Transit Agency	#9 Plum Weekday Route Expansion & Bus Expansion	\$	585,542
West Des Moines	Adaptive Traffic Signal Control System - East Area Traffic Network	\$	400,000
Ames	Ames Traffic Network Master Plan	\$	80,000
Sioux City	Bridgeport Transit Study	\$	20,000
Waterloo	Downtown Traffic Signal Retiming	\$	160,000
Des Moines Regional Transit Authority	Express Routes #92, #93, #98 Service Improvements	\$	182,859
Dubuque	Northwest Arterial and JFK Road Intersection Improvements	\$	198,202
Dubuque	Northwest Arterial and Pennsylvania Avenue Intersection Improvements	\$	332,000
East Central Iowa Council of Governments	RideConnect Vanpool	\$	142,240
Ankeny and Iowa DOT District 1	SE Oralabor Road & SE Delaware Avenue Roadway and Traffic Signal Improvements	\$	1,590,000
Des Moines	Traffic Signal System Timings Update - Phase 1	\$	140,000
TOTAL		\$ 3,	993,421

Iowa's Clean Air Attainment Program Projects Federal Fiscal Year 2017



Traffic Safety Improvement Program

Traffic Safety Improvement Program

Traffic Safety Improvement Program funds can be used for traffic safety improvements or studies on public roads under county, city or state jurisdiction. Projects can be initiated by any incorporated city or county, or the lowa DOT. The program is administered by the lowa 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 2017 funding consideration were due August 15, 2015. Fifty applications were submitted requesting \$12,492,395 in safety funding. Twenty-six of the applications requested site-specific funding, 11 requested traffic control device funding, and 13 requested funding for studies and public information initiatives. On December 8, 2015, the Commission approved funding for 41 projects totaling \$9,293,555 in traffic safety improvement funding. A list of the approved projects is shown on the following pages.

Traffic and Safety Information and Services - Applications for funding consideration for FY 2018 will be due by August 15, 2016. Application forms or further information concerning the Traffic Safety Improvement Program may be obtained by visiting the Iowa DOT's Office of Traffic and Safety website at www.iowadot.gov/traffic, or by calling 515-239-1557.

Traffic Safety Improvement Program Projects Fiscal Year 2017

Applicant	Location/Description	Funding Category	Approved Amount
* Iowa DOT - Traffic and Safety	Low-cost safety improvements on county roads	Site	\$ 500,000
lowa DOT District 1	Oralabor Rd/Delaware Ave - Addition of dual NB right turn lanes, WB right turn lanes, widening of exit ramp and addition of SB right turn lanes	Site	\$ 500,000
City of Des Moines	42nd St - Traffic signals at 42nd St and Crocker St, remove WB movement at 42nd and Chamberlain Dr., replacement/relocation of ped signals across 42nd, added turn lanes, and sidewalk improvements	Site	\$ 500,000
City of Des Moines	Prospect and MLK - Installation of traffic signal	Site	\$ 120,000
City of Des Moines	Upgrading the traffic signal operation at 25 existing intersections that currently operate as fixed-time signals	Site	\$ 120,000
City of Urbandale	142nd St - Reconstruct the existing roundabout using modern design guidelines and increase the deflection angle for entering traffic	Site	\$ 500,000
City of Ames	S Duff Ave - new intersection with signal and addition of a raised concrete median along S Duff from 5th St to the new signal location	Site	\$ 450,000
Webster County	P59 - Add superelevation to the horizontal curve and add 2' paved shoulders through the curve and tangents coming in and out of curve on P59 approximately 2 miles north of the City of Fort Dodge	Site	\$ 191,380
City of Cedar Falls	University Ave - Installation of a roundabout, reduce corridor from 6- to 4-lanes, reduce lane width from 12' to 11', reduction of speed thru intersection, addition of pedestrian facilities	Site	\$ 500,000
City of Waterloo	5th and 6th Streets - Install one signal head over each lane, install vertical and horizontal signs enforcing lane assignment, etc.	Site	\$ 484,000
Crawford County	M36 (Donna Reed Rd) - Intersection with US 30 on the north end south and east to the intersection with E53	Site	\$ 500,000
Plymouth County	C60 - C-60 reconstruction from C-66 west 3.25 miles	Site	\$ 500,000
Montgomery County	H34 East Pavement Widening	Site	\$ 500,000

^{*} On behalf of local governments

Traffic Safety Improvement Program Projects Fiscal Year 2017 (continued)

Applicant	Location/Description	Funding Category	Approved Amount
Washington County	W61 - 24' PCC overlay with 2' paved shoulders and 8" rumble strips	Site	\$ 500,000
City of DeWitt	11th St/Maynard Way - Install a split-phased traffic signal, convert 11th St from 4-lane to 3-lane cross section, install 'Do Not Block Intersection' signs, and remove obstructions in SW quadrant	Site	\$ 300,000
City of Clinton	13th Ave N - Conversion of four lane to three lane	Site	\$ 200,000
City of Dubuque	Northwest Arterial - Add right turn only lane on east leg of Pennsylvania Ave with traffic signal adjustments	Site	\$ 364,000
City of Cedar Rapids	Kirkwood Blvd - construct a single lane roundabout	Site	\$ 500,000
Iowa DOT District 6	US 61 - Increase existing left turn lane for SB US 61 to SB Coonhunter's Rd, add a right turn lane for NB US 61 to SB Coonhunter's Rd	Site	\$ 170,000
Clay County & City of Spencer	B-24 - Pave shoulders 6 feet wide on both sides of road and added CL and EL rumble strips	Site	\$ 400,000
lowa DOT District 6	US 151/IA 13/US 30 - Remove guardrail and HMA paved shoulder and replace with a 10' wide by 10" thick PCC paved shoulder and a BA-102 PCC barrier	Site	\$ 100,000
Iowa DOT	Statewide - Overhead Red-Yellow Flashing Beacon Replacement Program	Traffic Control Device	\$ 100,000
* Iowa DOT	Statewide - Traffic Sign Replacement Program	Traffic Control Device	\$ 375,000
* Iowa DOT	Statewide - Pedestrian Warning System	Traffic Control Device	\$ 75,000
Ringgold County	Various - Stop ahead sign replacements across the county	Traffic Control Device	\$ 9,975
lowa DOT	Statewide - Signing & Painting of Slip-Roadway Connections & Wrong Way Arrows at Folded Diamond Interchanges	Traffic Control Device	\$ 115,000
City of Urbandale	Various - Pedestrian signal countdown displays- 94 pedestrian signal countdown displays at 15 existing signal-ized intersections	Traffic Control Device	\$ 50,700

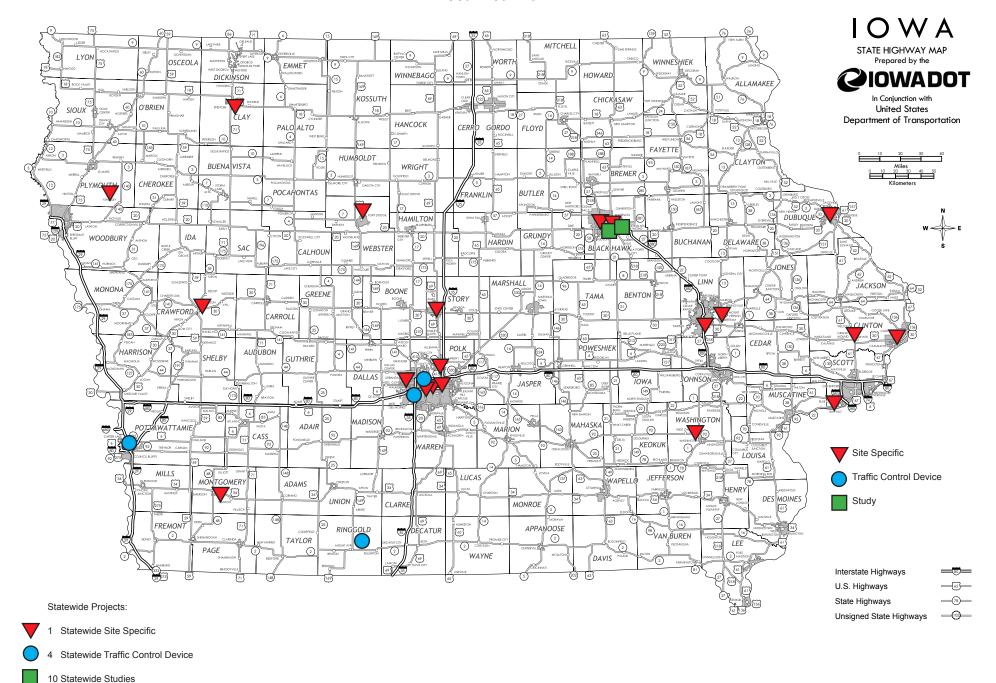
^{*} On behalf of local governments

Traffic Safety Improvement Program Projects Fiscal Year 2017 (continued)

Applicant	Location/Description	Funding Category	Approved Amount
City of West Des Moines	Various - Radar technology traffic signal detector units - 7 existing signalized intersections	Traffic Control Device	\$ 69,000
City of Council Bluffs	Various - Purchase battery back-up systems - 9 signalized intersections	Traffic Control Device	\$ 30,000
Iowa DOT	Work Zone Safety Training	Studies	\$ 25,000
* Iowa DOT	Safety Vests for Emergency Personnel	Studies	\$ 25,000
* Iowa DOT	Local Technical Assistance Program (LTAP)	Studies	\$ 95,000
Iowa DOT	Rail Crossing Safety Educational Support	Studies	\$ 15,000
Iowa DOT	Motorcycle Safety Programs	Studies	\$ 75,000
Iowa DOT	Traffic Safety Training, Conferences, & Peer Exchange	Studies	\$ 75,000
* Iowa DOT	Traffic Sign Life Expectancy	Studies	\$ 75,000
* Iowa DOT	Iowa LTAP Work Zone Sign Package Program	Studies	\$ 50,000
Iowa DOT	Expanding the Usage of 4- to 3-Lane Conversions	Studies	\$ 75,000
Iowa DOT	Destination Lighting - Specifications and Best Practices	Studies	\$ 40,000
City of Waterloo	Traffic Safety Awareness: Children Online Traffic Safety Quiz	Studies	\$ 8,500
City of Waterloo	Traffic Safety Awareness: Elementary School Outreach	Studies	\$ 11,000
TOTAL	Al Burlanda		* 0.000 555
TOTAL	41 Projects		\$ 9,293,555

^{*} On behalf of local governments

Traffic Safety Improvement Program Projects Fiscal Year 2017



Highway Program

Highway Program

The highway section of the lowa Transportation Improvement Program (Program) contains the primary and interstate highway construction-related investments planned for fiscal year (FY) 2017 through FY 2021. 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 lowa Code 307A.2(3). The highway section is arranged by county and route. A map showing the location of each 2017 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 lowa Department of Transportation (DOT) will be spent on road and bridge projects that are critical to maintaining lowa'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 2017-2021, 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 \$1.6 billion is programmed in FY 2017 through FY 2021 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 81 in 2015 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 lowa 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 County from south of 210th Street to north of Mediapolis and accelerate the construction of U.S. 30 in Benton County for the lowa 21 interchange.

The Commission was able to add several significant one or two year projects that address safety and condition needs and these include lowa 3 in Bremer County in Waverly, Iowa 3 in Dubuque County from Pfeiler Road to north of Boy Scout Road, U.S. 6 in Polk County on Hubbell Avenue in Des Moines, 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 I-380 in Waterloo, Iowa 27 in Black Hawk County from U.S. 20 to Ridgeway Avenue in Cedar Falls, U.S. 69 in Wright County from north of the UP RR to County Road C20, U.S. 75 in Plymouth County from Jackson Street in Merrill to County Road C38, U.S. 151 in Linn County from south of Church Street in Fairfax to north of Dean Road, and Iowa 934 in Black Hawk County on University Avenue in Waterloo (as compensation for a transfer of jurisdiction).

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 1 in Washington County at Iowa 22 in Kalona, Iowa 3 in Dubuque County from Luxemburg to Pfeiler Road, Iowa 13 in Linn County from north of County Home Road to south of Central City, U.S. 20 in Woodbury County from Moville to Correctionville, U.S. 20 in Sac County from west of Adams Avenue to U.S. 71, 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. 34 in Monroe County at Iowa 5 in Albia, U.S. 52 in Dubuque County on the Southwest Arterial, U.S. 52 in Winneshiek County at Iowa 9 in Decorah, 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 210th Street, U.S. 61 in Louisa County from south of Iowa 92 to Muscatine County, U.S. 63 in Wapello County from County Road J12 to U.S. 34 in Ottumwa, U.S. 63 in Black Hawk County from Jefferson Street to Newell Street in Waterloo,

U.S. 65 in Jasper County at Iowa 117/330, Iowa 92 in Warren County at Iowa 28 in Martensdale, 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 141 in Polk County from Iowa 44 to I-35, and Iowa 146 in Marshall County from County Road E49 to U.S. 30.

The bar chart on the next page summarizes the FY 2017-2021 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 2017-2021 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 last year of the FY 2017-2021 Highway Program. Therefore, there is some federal funding uncertainty after this date.

In addition to providing increased certainty of federal funding, the FAST Act also provided additional funding for road and bridge projects. Due in part to the FAST Act funding increases, the total amount of road and bridge construction funding included in the Program is approximately \$300 million more than last year's Program. This has permitted the Commission to invest even more funding to address lowa's critical road and bridge needs across the state.

Public Participation

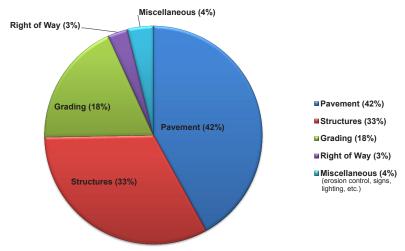
Throughout the year, DOT staff meets with individuals, local agencies and organizations to discuss potential projects and transportation issues. Comments on the proposed program are encouraged.

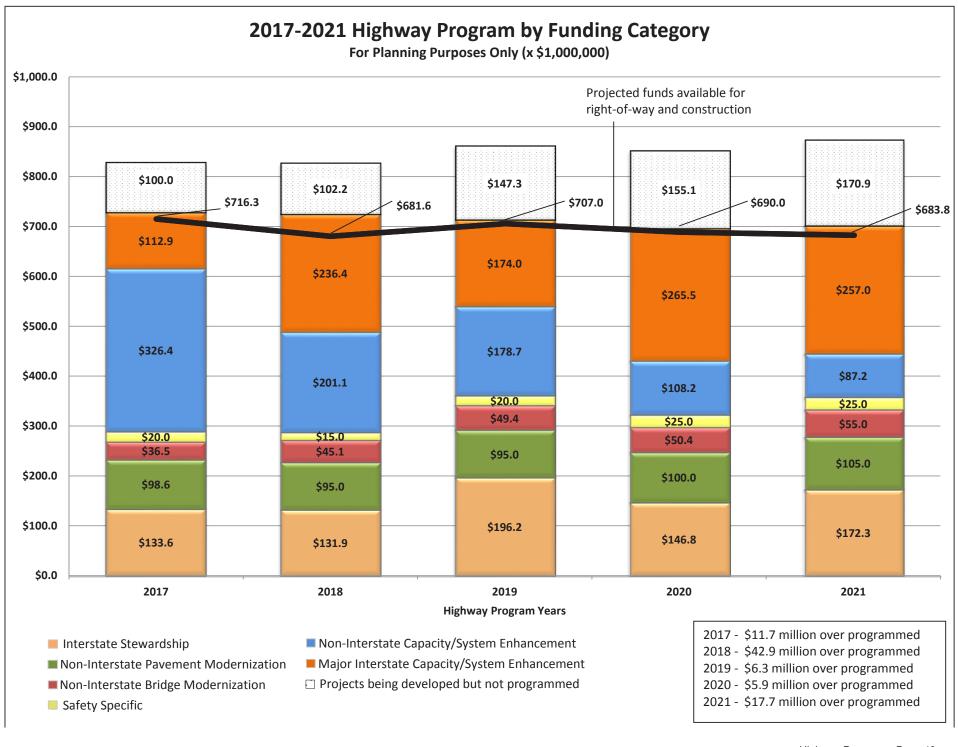
During 2015, the Commission conducted meetings at four locations around the state for the specific purpose of receiving public input concerning planning and programming. Meetings were conducted in Davenport, Council Bluffs, Burlington, and Decorah. Approximately 41 delegations presented their views.

Highway Program Information and Services

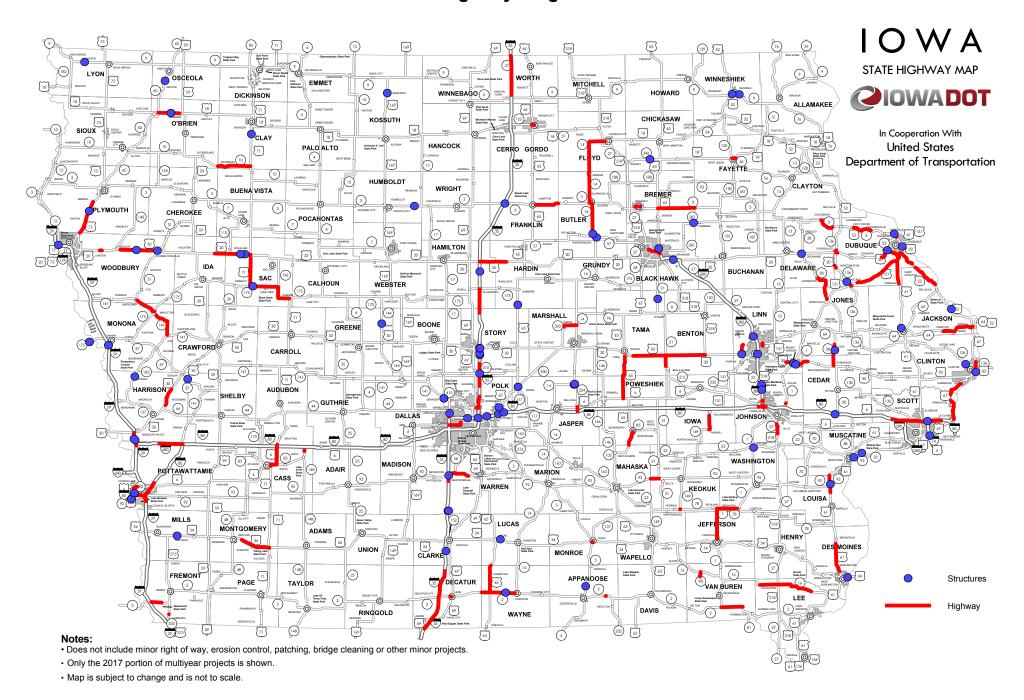
On a periodic basis, the Commission considers adjustments to the highway program. Information regarding these changes can be accessed on the DOT's website at iowadot.gov/program management/five year.

2017-2021 Highway Program by Work Type





2017 Iowa Highway Program



HIGHWAY PROGRAM KEY

(1)	(2)	(3)	(4)			(5)		
				PROJEC	T ESTIM	ATED C	OSTS X	\$1000
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(78) POTTAWATTAMIE							
80	I-80/I-29/I-480 INTERSTATES IN COUNCIL BLUFFS (CBIS)	4.0	RIGHT OF WAY GRADE AND PAVE CULVERT REPLACE	19920 41200	11300 31380 1660	16300 27470 720	2500 74890	70960
			BRIDGE REPLACE TRAFFIC SIGNS LIGHTING EROSION CONTROL	43244 4070 490 596	76990 3860 1290	17820 3880 1100	60780 2650 1170	66830 2880
			MITIGATION				100	

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

					CT ESTIM			
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(01) ADAIR							
25	NORTH TURKEY CREEK 4.6 MI S OF I-80		BRIDGE REPLACE RIGHT OF WAY	15	1239			
25	MIDDLE RIVER 1.2 MI S OF I-80		BRIDGE REPLACE MITIGATION RIGHT OF WAY	15	1888 175			
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 REHAB					305
92	MARVEL CREEK 0.3 MI W OF CO RD P33		BRIDGE REPLACE RIGHT OF WAY			15	1850	
	(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
9	MISSISSIPPI RIVER IN LANSING (STATE SHARE)		BRIDGE REHAB			250		
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
	(04) APPANOOSE							
2	COOPER CREEK 1.5 MI W OF IA 5		BRIDGE DECK OVERLAY					420
2	APNC RR UNDERPASS 2.7 MI W OF IA 202		GRADE	204				
5	SHOAL CREEK 2.8 MI N OF CO RD T20		BRIDGE REPLACE					1200

RTE	LOCATION	MUEC	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1				\$1000 2021
	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	
	(04) APPANOOSE							
5	DITCH 0.6 MI S OF CO RD T30		BRIDGE REPLACE					860
5	CHARITON RIVER 3.1 MI N OF CENTERVILLE		BRIDGE DECK OVERLAY	401				
	(05) AUDUBON							
71	EAST NISHNABOTNA RIVER 0.2 MI S OF CO RD F58		BRIDGE REHAB				350	
	(06) BENTON							
21	N OF CO RD E66 TO S OF US 30	3.5	PAVEMENT REHAB	2033				
30	IA 21 TO W JCT US 218	13.9	RIGHT OF WAY GRADE AND PAVE TRAFFIC SIGNS LIGHTING MITIGATION BRIDGE NEW GRADE CULVERT REPLACE EROSION CONTROL	500	17724 273 234 1052 1702	200	13000 17300 1800	2098 23400 902 200
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 I-380 IN WATERLOO	7.7	GRADE AND PAVE			6532		
27	US 20 TO RIDGEWAY AVE IN CEDAR FALLS (NB & SB)	0.3	GRADE AND PAVE			1080		
57	HUDSON RD TO FRANKLIN ST IN CEDAR FALLS (STATE SHARE)	0.9	GRADE AND PAVE			5750		

RTE	LOCATION	MILES	TYPE OF WORK	PROJE 2017	CT ESTIN 2018	IATED CO 2019	OSTS X \$ 2020	1000 2021
	(07) BLACK HAWK							
58	IN CEDAR FALLS AT VIKING ROAD (STATE SHARE)	0.5	GRADE AND PAVE BRIDGE NEW RIGHT OF WAY		10460 4620 920			
63	JEFFERSON ST TO FRANKLIN ST IN WATERLOO (STATE SHARE)	0.6	GRADE AND PAVE TRAFFIC SIGNALS	6661 1342				
63	FRANKLIN ST TO NEWELL ST IN WATERLOO (STATE SHARE)	0.7	GRADE AND PAVE BRIDGE NEW CULVERT REPLACE TRAFFIC SIGNALS	13735 2179 257 343				
218	WILLISTON AVE TO N OF W 6TH ST IN WATERLOO STATE SHARE	0.9	PAVEMENT REHAB	1653				
218	N JCT US 63 TO GREENHILL RD IN WATERLOO (SB)		PATCHING	2995				
218	BROADWAY ST TO AIRPORT INTERCHANGE IN WATERLOO (NB)	1.3	GRADE AND PAVE				3922	
218	CO RD C57 S OF JANESVILLE	0.2	EROSION CONTROL	342				
281	BUCK CREEK 0.6 MI W OF W JCT CO RD V62		BRIDGE DECK OVERLAY	244				
380	GILBERTVILLE RD 1.0 MI N OF CO RD V49		BRIDGE DECK OVERLAY	330				
934	IN WATERLOO FROM MIDWAY DR TO US 63 TRANSFER OF JURISDICTION	2.9	GRADE AND PAVE	18000	5000	5000		
	(09) BREMER							
3	DITCH 0.2 MI W OF US 218		BRIDGE DECK OVERLAY			260		
3	IN WAVERLY FROM 20TH ST NW TO 8TH ST E (STATE SHARE)	1.8	GRADE AND PAVE	6956				
3	US 63 TO FAYETTE CO	12.4	PAVEMENT REHAB	8091				

RTE	LOCATION	MILES	TYPE OF WORK	PROJEC 2017	CT ESTIM 2018	1ATED C0 2019	OSTS X \$ 2020	1000 2021
	(09) BREMER							
3	BUCK CREEK 0.6 MI E OF CO RD V56		BRIDGE REPLACE RIGHT OF WAY		2020 5			
	(10) BUCHANAN							
20	BLACK HAWK CO TO DELAWARE CO		GRADE			45		
150	BENTON CO TO FAYETTE CO		GRADE RIGHT OF WAY			695 30		
281	FAIRBANK TO IA 150		GRADE RIGHT OF WAY			128 10		
	(11) BUENA VISTA							
3	NORTH RACCOON RIVER 2.5 MI E OF US 71		BRIDGE REPLACE RIGHT OF WAY	5	1366			
3	DITCH 3.3 MI E OF US 71		BRIDGE REPLACE RIGHT OF WAY	7	484			
3	DITCH 0.4 MI W OF CO RD M54		BRIDGE REPLACE					550
	(12) BUTLER							
3	WEST FORK CEDAR RIVER 0.8 MI E OF CO RD T16		BRIDGE REPLACE RIGHT OF WAY		5	5723		
14	N OF BEAVER CREEK IN PARKERSBURG TO CHARLES CITY	40.4	PAVEMENT REHAB CULVERT REPLACE RIGHT OF WAY	1510 224 30				
14	IANR 1.0 MI N OF CO RD C13		BRIDGE DECK OVERLAY			250		
57	PHELPS CREEK 0.3 MI E OF E JCT IA 14		BRIDGE REPLACE	1019				

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS 2017 2018 2019 202				1000 2021
	(13) CALHOUN							
4	READING CREEK 3.1 MI S OF S JCT IA 175		BRIDGE DECK OVERLAY			225		
	(14) CARROLL							
30	UP RR 1.1 MI W OF US 71		BRIDGE DECK OVERLAY				890	
	(15) CASS							
6	EAST NISHNABOTNA RIVER 2.3 MI S OF I-80		BRIDGE DECK OVERLAY		910			
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	14TH ST IN ATLANTIC TO AUDUBON CO	9.0	PAVEMENT REHAB	3500				
71	ATLANTIC TO AUDUBON CO	9.5	PAVEMENT WIDENING	1500				
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 REHAB					261
80	0.7 MI W OF US 71 TO ADAIR CO (EB)	13.4	PAVEMENT REHAB					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
148	0.3 MI S OF CO RD G16		GRADE	136				

DTE	LOCATION	MUEC	TVDE OF WORK	PROJEC				
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(16) CEDAR							
38	OVER W JCT I-80		BRIDGE DECK OVERLAY		634			
38	NCL OF STANWOOD TO FULTON ST IN OLIN	6.8	PAVEMENT REHAB	340				
38	DITCH 1.0 MI N OF US 30		BRIDGE REPLACE RIGHT OF WAY			15	750	
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	CO RD X46 OVER I-80 2.0 MI W OF IA 38		BRIDGE REHAB	534				
80	IA 38 TO US 6 AT VAR RAMP LOC	4.0	PAVEMENT REHAB					997
80	SUGAR CREEK 1.5 MI W OF E JCT IA 38 (EB & WB)		BRIDGE REPLACE MITIGATION			13103 50		
	(17) CERRO GORDO							
18	UP RR 0.7 MI E OF US 65 (EB)		BRIDGE DECK OVERLAY			343		
35	CO RD B20 TO IA 9 (NB & SB)	5.9	PAVEMENT REHAB		7370			
65	EAST BRANCH BEAVERDAM CR 0.7 MI S OF CO RD B60		BRIDGE REPLACE					1105
65	EAST BRANCH BEAVERDAM CR 0.4 MI N OF CO RD B60		BRIDGE REPLACE				1644	
65	EAST BRANCH BEAVERDAM CR 1.1 MI N OF CO RD B60		BRIDGE REPLACE				1921	
65	WILLOW CREEK 0.1 MI N OF IA 122 IN MASON CITY (SB)		BRIDGE DECK OVERLAY		430			
65	WINNEBAGO RIVER 0.1 MI N OF S JCT CO RD B20 (NB)		BRIDGE DECK OVERLAY					500

RTE	LOCATION	MILES	TYPE OF WORK	PROJEC 2017	CT ESTIM 2018	ATED C0 2019	OSTS X \$ 2020	31000 2021
	(17) CERRO GORDO							
122	IN MASON CITY FROM MONROE AVE TO CAROLINA AVE STATE SHARE	1.1	RIGHT OF WAY GRADE AND PAVE	875	7559			
	(19) CHICKASAW		TRAFFIC SIGNALS		286			
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	
346	ETTER CREEK 3.6 MI W OF US 63		CULVERT REPLACE RIGHT OF WAY	582 10				
	(20) CLARKE							
35	CO RD H45 3.8 MI S OF US 34		BRIDGE DECK OVERLAY	319				
69	SOUTH WHITE BREAST CREEK 1.6 MI N OF CO RD J12		BRIDGE DECK OVERLAY			120		
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			200		
	(21) CLAY							
10	O'BRIEN CO TO N JCT US 71	11.9	PAVE REHAB/WIDEN	5052				
71	PRAIRIE CREEK 1.4 MI N OF CO RD B40		BRIDGE REPLACE	1530				
	(22) CLAYTON		RIGHT OF WAY	2				
18	DRY RUN CREEK 0.6 MI W OF E JCT US 52		BRIDGE DECK OVERLAY		473			
18	MISSISSIPPI RIVER IN MARQUETTE (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20
18	MISSISSIPPI RIVER IN MARQUETTE (STATE SHARE)		BRIDGE DECK OVERLAY		2500			

RTE	LOCATION	MILES	TYPE OF WORK	PROJE(2017	CT ESTIN 2018	IATED CO 2019	OSTS X \$ 2020	31000 2021
———	LOCATION	IVIILES	TIPE OF WORK	2017	2016	2019	2020	
	(22) CLAYTON							
52	LITTLE TURKEY RIVER 0.3 MI S OF CO RD C9Y		BRIDGE DECK OVERLAY			564		
	(23) CLINTON							
30	S 6TH AVE 1.5 MI E OF S JCT US 61 (EB & WB)		BRIDGE DECK OVERLAY				880	
30	MISSISSIPPI RIVER IN CLINTON (STATE SHARE)		BRIDGE CLEANING BRIDGE REHAB	20 400	20	20	20	20
67	SCOTT CO TO S OF W 3RD ST IN CAMANCHE	5.4	PAVEMENT WIDENING	1100				
67	W JCT IA 136 TO 38TH AVE N IN CLINTON (STATE SHARE)	1.1	PAVEMENT REHAB	1100				
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 REPLACE	752 50				
	(24) CRAWFORD		MITIGATION	50				
30	DITCH 3.8 MI E OF CO RD M36		BRIDGE DECK OVERLAY					435
	(25) DALLAS							
80	CO RD P53/F60 TO 60TH ST IN WEST DES MOINES (EB)	22.3	GRADE AND PAVE			21037		
80	CO RD P58 TO POLK CO (WB)	15.7	PAVEMENT REHAB					895
80	SOUTH RACCOON RIVER 1.5 MI E OF US 169 (EB)		BRIDGE DECK OVERLAY			1100		
80	SOUTH RACCOON RIVER 1.5 MI E OF US 169 (WB)		BRIDGE DECK OVERLAY				1100	
80	NORTH RACCOON RIVER 2.3 MI E OF US 169 (EB)		BRIDGE DECK OVERLAY			1390		
80	NORTH RACCOON RIVER 2.3 MI E OF US 169 (WB)		BRIDGE DECK OVERLAY				1390	

				PROJE	CT ESTIM	IATED CO	OSTS X \$	1000
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(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 REPLACE MITIGATION RIGHT OF WAY				90	4929 400
	(27) DECATUR							
35	MISSOURI TO POLK CO		GUARDRAIL REPAIR	100	100	100	100	100
35	MISSOURI TO W JCT I-80		PATCHING	600	600	600	600	600
35	MISSOURI TO CO RD J14 AT VAR RAMP LOC	22.3	PAVEMENT REHAB	2676				
35	S OF REST AREA TO S OF IA 2 (SB)	6.1	GRADE AND PAVE TRAFFIC SIGNS			13978 93		
35	S OF REST AREA TO S OF IA 2 (NB)	6.1	GRADE AND PAVE TRAFFIC SIGNS		15377 97			
35	GRAND RIVER 3.1 MI N OF US 69 (NB & SB)		BRIDGE DECK OVERLAY		435	457		
69	E JCT IA 2 IN LEON	0.2	RIGHT OF WAY GRADE AND PAVE	10 479				
	(28) DELAWARE							
3	COLESBURG TO DUBUQUE CO	5.5	PAVEMENT REHAB	330				
20	CO RD X15/180TH AVE 1.2 MI E OF IA 13		BRIDGE DECK OVERLAY					470
20	HATCHERY RD & SPRING BRANCH CREEK 2.8 MI W OF IA 38 EB & WB		BRIDGE DECK OVERLAY		1111			

D.T.E.	LOCATION	N. 50	TVPE OF WORK		CT ESTIM			
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(28) DELAWARE							
20	ABANDONED RR 0.4 MI W OF IA 38 (WB)		BRIDGE DECK OVERLAY	378				
20	DYERSVILLE INTERCHANGE BETWEEN 330TH AVE AND 332ND AVE		EROSION CONTROL	343				
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 REHAB				100	
34	MISSISSIPPI RIVER IN BURLINGTON (STATE SHARE)		BRIDGE CLEANING	25	25	25	25	25
34	MISSISSIPPI RIVER IN BURLINGTON (STATE SHARE)		BRIDGE REHAB	400				
61	MEMORIAL PARK RD IN BURLINGTON TO S OF 210TH ST	10.2	RIGHT OF WAY GRADE MITIGATION BRIDGE NEW CULVERT NEW PAVE TRAFFIC SIGNS GRADE AND PAVE	2800	18408 1306 486	2536	22576 125	2296 125 36204
61	S OF 210TH ST TO N OF MEDIAPOLIS		RIGHT OF WAY					1400
61	BRANCH SMITH CREEK 1.0 MI S OF LOUISA CO		BRIDGE REPLACE				750	
	(31) DUBUQUE							
3	ECL OF LUXEMBURG TO TOLLGATE RD (CO RD Y13)	4.1	GRADE AND PAVE RIGHT OF WAY		225	8058		
3	TOLLGATE RD (CO RD Y13) TO E JCT PFEILER RD	5.1	GRADE AND PAVE RIGHT OF WAY	316	11805			

D.T.E.	LOCATION	N. 50	TVDE OF WORK		PROJECT ESTIMATED COSTS X \$100				
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021	
	(31) DUBUQUE								
3	E JCT PFEILER RD TO 0.7 MI N OF BOY SCOUT RD	4.6	GRADE AND PAVE RIGHT OF WAY			215	11587		
20	0.5 MI E OF IA 136 IN DYERSVILLE		GRADE	42					
20	SWISS VALLEY ROAD INTERSECTION	2.3	RIGHT OF WAY GRADE AND PAVE BRIDGE NEW TRAFFIC SIGNS LIGHTING MITIGATION	7700	10000	24653 1353 250 82 50			
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 REHAB	300					
52	0.3 MI S OF ST CATHERINE RD TO 0.1 MI S OF US 61/151		GRADE	143					
52	US 61/151 TO US 20 IN DUBUQUE (SW ARTERIAL) STATE SHARE	10.0	GRADE AND PAVE GRADE BRIDGE NEW PAVE	2545 32333 7370 1400	29429	27958			
52	NW ARTERIAL TO CO RD D10	1.5	PAVEMENT REHAB	1500					
52	STREAM 0.2 MI S OF CO RD D10		BRIDGE DECK OVERLAY	408					
52	KLEIN LANE TO JAMES RD IN RICKARDSVILLE	1.2	PAVEMENT REHAB	400					
61	0.6 MI N OF CO RD D55 TO S OF US 52		GRADE	493					
61	MISSISSIPPI RIVER IN DUBUQUE (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20	

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$10 2017 2018 2019 2020 2				1000 2021
	(31) DUBUQUE							
136	IN CASCADE FROM 1ST AVE TO NEAR NCL (STATE SHARE)	0.3	GRADE AND PAVE	880				
136	NORTH FORK MAQUOKETA RIVER 2.0 MI N OF US 151		BRIDGE REPLACE	1817				
136	IN WORTHINGTON FROM SCL TO NCL (STATE SHARE)	0.6	PAVEMENT REHAB	600				
136	IN DYERSVILLE FROM 15TH AVE TO S OF RR	0.9	PAVEMENT REHAB	1000				
151	0.3 MI S OF N CASCADE RD TO 0.5 MI S OF US 61		GRADE	441				
	(32) EMMET							
4	DITCH 1.6 MI N OF CO RD B14		BRIDGE REPLACE			1897		
4	DITCH 2.5 MI N OF CO RD B14		BRIDGE REPLACE			1203		
15	BLACK CAT CREEK 6.3 MI S OF IA 9		BRIDGE DECK OVERLAY			200		
	(33) FAYETTE							
3	OTTER CREEK 2.4 MI W OF W JCT IA 150		BRIDGE DECK OVERLAY					250
18	E OF IA 150 TO GOLDEN AVE IN WEST UNION	1.1	PAVEMENT REHAB	659				
	(35) FRANKLIN							
3	ECL OF HAMPTON TO BUTLER CO	9.1	PAVEMENT WIDENING	2150				
35	IA 3 OVER I-35		BRIDGE DECK OVERLAY	688				
65	SQUAW CREEK 0.2 MI N OF IA 3 IN HAMPTON		BRIDGE REPLACE			1100		
65	SPRING CREEK 1.3 MI N OF IA 3		BRIDGE REPLACE			1955		

RTE	LOCATION	MILES	TYPE OF WORK	PROJEC 2017	CT ESTIM 2018	1ATED C0 2019	OSTS X \$ 2020	1000 2021
	(36) FREMONT							
2	MISSOURI RIVER E OF NEBRASKA CITY (STATE SHARE)		BRIDGE CLEANING	21	21	21	21	21
2	MISSOURI RIVER E OF NEBRASKA CITY (STATE SHARE)		BRIDGE DECK OVERLAY BRIDGE REHAB					695 348
2	0.6 MI E OF I-29 TO CO RD L44	4.0	PAVEMENT REHAB	450				
29	MISSOURI TO HARRISON CO		PATCHING	600	600	600	600	600
29	CO RD L31 2.9 MI N OF IA 2		BRIDGE DECK OVERLAY		358			
275	0.5 MI N OF NCL OF HAMBURG		GRADE	51				
	(37) GREENE							
144	DEVILS FORK 1.3 MI N OF DANA		BRIDGE REPLACE	535				
	(38) GRUNDY							
175	MINNEHAHA CREEK 0.3 MI E OF CO RD T45		BRIDGE DECK OVERLAY				233	
175	STREAM 0.4 MI W OF CO RD T53		BRIDGE REPLACE RIGHT OF WAY		730 5			
175	MOSQUITO CREEK 1.2 MI W OF CO RD T65		BRIDGE DECK OVERLAY				333	
	(39) GUTHRIE							
44	MIDDLE RACCOON RIVER 1.2 MI W OF IA 4		BRIDGE DECK OVERLAY					660
	(40) HAMILTON							
20	I-35 TO CO RD S27 (WB)	15.1	PAVE REHAB/WIDEN	4336				
35	2.0 MI S OF IA 175 TO 1 MI N OF IA 175 (SB)	3.0	PAVEMENT REHAB		2391			

RTE	LOCATION	MILES	TYPE OF WORK	PROJE(2017	31000 2021			
					2018	2019	2020	
	(40) HAMILTON							
35	IA 175 INTERCHANGE	0.5	GRADE AND PAVE TRAFFIC SIGNS LIGHTING MITIGATION EROSION CONTROL RIGHT OF WAY			345	5100 57 51 40	342
35	CO RD D41 3.4 MI S OF S JCT US 20		BRIDGE DECK OVERLAY	398				
	(41) HANCOCK							
69	EAST BRANCH IOWA RIVER 3.8 MI N OF N JCT US 18		BRIDGE REPLACE		920			
	(42) HARDIN							
65	MINERVA CREEK 0.7 MI S OF CO RD D65		BRIDGE DECK OVERLAY	341				
	(43) HARRISON							
29	POTTAWATTAMIE CO TO SOUTH DAKOTA		PATCHING	800	800	800	800	800
29	HARRISON AND MONONA COUNTY REST AREAS		REST AREA IMPROVE	600				
29	0.4 MI N OF UP RR TO 0.5 MI N OF IA 127 (SB)	14.3	GRADE AND PAVE		25808			
29	IA 127 OVER I-29		BRIDGE DECK OVERLAY			390		
29	1.4 MI N OF IA 127 TO 0.6 MI N OF IA 301 (NB)	4.1	PAVEMENT REHAB					3302
29	CO RD F20 TO IA 141 AT VAR RAMP LOC	32.0	PAVEMENT REHAB					1246
30	MISSOURI RIVER E OF BLAIR, NEBRASKA (STATE SHARE)		BRIDGE CLEANING	15	15	15	15	15
30	IN MISSOURI VALLEY AT WILLOW CR 0.6 MI E OF I-29		BRIDGE DECK OVERLAY			360		

					CT ESTIM			
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(43) HARRISON							
30	3.0 MI N OF IA 44 TO MUD CREEK	5.3	PAVEMENT REHAB	3300				
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 REPLACE			2155		
37	SIDE DITCH 2.8 MI E OF US 30		BRIDGE REPLACE	137				
183	COBB CREEK 0.5 MI N OF CO RD F20 IN PISGAH		BRIDGE REPLACE RIGHT OF WAY	1233 15				
	(44) HENRY							
34	SKUNK RIVER 3.8 MI E OF CO RD W40 (EB)		BRIDGE REPLACE					4800
78	CROOKED CREEK 0.2 MI E OF CO RD W47		BRIDGE DECK OVERLAY			320		
78	STREAM 0.8 MI E OF CO RD W66		BRIDGE REPLACE MITIGATION RIGHT OF WAY		595 80 5			
218	SKUNK RIVER 4.7 MI S OF S JCT US 34 (NB)		BRIDGE REPLACE RIGHT OF WAY MITIGATION		4072 2 80			
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	
	(46) HUMBOLDT							
3	EAST FORK DES MOINES RIVER 1.8 MI E OF US 169		BRIDGE REPLACE MITIGATION RIGHT OF WAY	8	2617 100			

					PROJECT ESTIMATED COSTS X \$1000					
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021		
	(46) HUMBOLDT									
3	DITCH 2.7 MI W OF IA 17		CULVERT REPLACE	335						
	(47) IDA		RIGHT OF WAY	10						
20	CORRECTIONVILLE TO W JCT US 59		EROSION CONTROL			1529				
20	E JCT US 59 TO W OF ADAMS AVE		EROSION CONTROL			874				
59	SOLDIER RIVER 1.2 MI N OF CO RD D54		BRIDGE REPLACE			1909				
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					
	(48) IOWA									
6	LADORA TO E OF SOUTH AMANA (VAR LOC)		CULVERT EXTENSION MITIGATION RIGHT OF WAY		162 50 10					
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 IMPROVE				3458			
80	US 151 OVER I-80		BRIDGE DECK OVERLAY		631					
80	1.0 MI E OF US 151 TO I-380 (EB)	13.6	PAVEMENT REHAB					930		
149	WCL OF PARNELL TO FRANKLIN ST IN WILLIAMSBURG	5.2	PAVEMENT REHAB	310						
	(49) JACKSON									
52	MISSISSIPPI RIVER IN SABULA (STATE SHARE)		BRIDGE CLEANING	15	15	15	15	15		

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000 2017 2018 2019 2020 20				
	(49) JACKSON							
52	MISSISSIPPI RIVER OVERFLOW IN SABULA		RIGHT OF WAY BRIDGE REPLACE	2	6079			
52	MAQUOKETA RIVER 3.2 MI S OF CO RD Z34		BRIDGE DECK OVERLAY	616				
52	S OF 395TH AVE TO DUBUQUE CO (STATE SHARE)	9.9	PAVEMENT WIDENING	1200				
61	SOUTH FORK MAQUOKETA RIVER 0.5 MI N OF IA 64 (NB)		BRIDGE DECK OVERLAY	383				
61	HURSTVILLE MARSH		MITIGATION	55				
62	MAQUOKETA RIVER 1.1 MI E OF IA 64		BRIDGE DECK OVERLAY					950
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	CO RD Z34 TO DME RR	11.2	PAVEMENT REHAB	5350				
67	IA 64 INTERSECTION W OF SABULA		GRADE	97				
	(50) JASPER							
6	IAIS RR 1.5 MI E OF IA 224		BRIDGE DECK OVERLAY		574			
14	BUCK CREEK 1.6 MI N OF CO RD F70		BRIDGE DECK OVERLAY		264			
14	CHERRY CREEK 4.3 MI S OF I-80		BRIDGE DECK OVERLAY		377			
14	STREAM 0.2 MI S OF IA 224		BRIDGE REPLACE	714				
14	STREAM 0.2 MI N OF IA 224		CULVERT REPLACE	519				

					CT ESTIM			1000
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(50) JASPER							
65	IA 330 AND IA 117 INTERCHANGE	0.3	RIGHT OF WAY MITIGATION BRIDGE NEW GRADE GRADE AND PAVE LIGHTING TRAFFIC SIGNS FENCING EROSION CONTROL	1500 316 2124 5704	5569 50 350	80 298		
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			400		
80	NORTH SKUNK RIVER 2.1 MI E OF IA 224	2.0	RIGHT OF WAY MITIGATION GRADE BRIDGE REPLACE PAVE TRAFFIC SIGNS GRADE AND PAVE		300	50 4469 2725	6457 57	3399 6417
117	STREAM 0.5 MI S OF CO RD F24		BRIDGE DECK OVERLAY					430
163	WALNUT CREEK 2.4 MI W OF IA 117 (EB)		BRIDGE DECK OVERLAY				264	
224	I-80 TO US 6	1.4	GRADE AND PAVE	2202				
	(51) JEFFERSON							
1	FAIRFIELD TO IA 78 (STATE SHARE)	10.5	PAVEMENT REHAB PAVEMENT WIDENING	3525 1409				

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000 2017 2018 2019 2020 20				
			THE OF WORK					
	(51) JEFFERSON							
1	S WALNUT CREEK 5.7 MI S OF IA 78		BRIDGE DECK OVERLAY				330	
	(52) JOHNSON							
1	STREAM 2.1 MI S OF CO RD F52		BRIDGE REPLACE RIGHT OF WAY			15	773	
1	OLD MANS CREEK 1.5 MI S OF CO RD F52		BRIDGE REPLACE RIGHT OF WAY			15	2944	
1	OLD WOMANS CREEK 0.6 MI S OF CO RD F52		BRIDGE REPLACE MITIGATION RIGHT OF WAY			426	3490 60	
1	STREAM 0.6 MI N OF CO RD F52		BRIDGE REPLACE RIGHT OF WAY			15	1168	
1	RALSTON CREEK 2.3 MI S OF I-80 (NB)		BRIDGE REPLACE			706		
1	1.7 MI N OF I-80		GRADE	100				
80	0.1 MI E OF IOWA CO TO 0.1 MI W OF CEDAR CO		GRADE				1316	
80	I-380 TO CEDAR CO		PATCHING	300	300	300	300	300
80	I-380/US 218 INTERCHANGE NEAR IOWA CITY	0.5	GRADE AND PAVE BRIDGE REPLACE BRIDGE WIDENING CULVERT EXTENSION MITIGATION		550	8556 31577	29222 11453 650 910	36785 13133
			TRAFFIC SIGNS LIGHTING	2000	2700	2507	2634 200	5263 2000
			RIGHT OF WAY EROSION CONTROL	2400	41	800 200	500 500	400

		==		PROJECT ESTIMATED COSTS X \$1000				
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(52) JOHNSON							
80	1.5 MI E OF IA 1 TO 0.5 MI E OF CO RD X30	8.0	GRADE AND PAVE					30000
218	HILLS TO 1 MI S OF RIVERSIDE DR IN IOWA CITY	3.0	PAVEMENT REHAB	2365				
218	OLD MANS CREEK AT CO RD F62		RIP RAP			281		
380	I-80 TO US 218 IN WATERLOO		PATCHING	1200	1200	1200	1200	1200
380	I-80 TO US 30		CULVERT REPAIR	1414				
380	W FOREVERGREEN RD INTERCHANGE 2.0 MI N OF I-80 IN TIFFIN	0.5	GRADE AND PAVE BRIDGE NEW TRAFFIC SIGNS TRAFFIC SIGNALS LIGHTING MITIGATION RIGHT OF WAY EROSION CONTROL	925	13185 4061 750 400 58 27	500 70 382		
380	CO RD W60 AND RR 7.4 MI N OF I-80 (SB)		BRIDGE DECK OVERLAY	991				
380	IOWA RIVER 7.9 MI N OF I-80 (SB)		BRIDGE DECK OVERLAY	569				
	(53) JONES							
1	LINN CO TO US 151 AT VARIOUS LOCATIONS		GRADE			545		
38	SIBLES CREEK 1.8 MI S OF S JCT CO RD E45		BRIDGE DECK OVERLAY	413				
38	IN OLIN FROM FULTON ST TO NEAR UNION ST	0.6	PAVEMENT REHAB	400				
38	E OAK ST TO E 1ST ST IN MONTICELLO (STATE SHARE)	0.3	PAVEMENT REHAB	385				
38	0.1 MI S OF DELAWARE CO TO NEAR ECL OF HOPKINTON	5.3	PAVEMENT REHAB	400				

DTE	LOCATION	MUEO	TVDE OF MODIC	PROJECT ESTIMATED COSTS X \$100				
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(54) KEOKUK							
1	W JCT IA 78 TO WCL OF BRIGHTON	7.0	PAVEMENT REHAB	600				
92	MAHASKA CO TO IA 21	3.0	PAVEMENT REHAB	2277				
92	IA 21 TO 0.7 MI E OF CO RD V67 AT VARIOUS LOCATIONS		SLOPE IMPROVEMENT	225				
92	CLEAR CREEK 2.5 MI W OF CO RD W15		BRIDGE DECK OVERLAY					475
149	IA 78 INTERSECTION	0.2	PAVEMENT REHAB	485				
	(55) KOSSUTH							
9	MUD CREEK 1.7 MI E OF CO RD P20		BRIDGE DECK OVERLAY		170			
169	MUD CREEK 0.3 MI S OF CO RD A40		BRIDGE REPLACE	1722				
	(56) LEE							
2	SUGAR CREEK 1.8 MI W OF US 218		BRIDGE REPLACE					1540
2	DEVIL CREEK 0.7 MI W OF US 61		BRIDGE DECK OVERLAY		578			
16	1.3 MI E OF CO RD W46 TO DENMARK	20.0	PAVEMENT REHAB	3400				
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	GRADE AND PAVE CULVERT EXTENSION TRAFFIC SIGNS RIGHT OF WAY		450	12343 122 54		

				PROJECT ESTIMATED COSTS X \$1				1000
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(57) LINN							
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 REPLACE MITIGATION				8150 100	
30	MOUNT VERNON/LISBON BYPASS	6.0	MITIGATION GRADE CULVERT NEW BRIDGE NEW PAVE LIGHTING TRAFFIC SIGNS EROSION CONTROL	1916 30006 3190 16897		1485 36239 192 547	856	
100	US 30 TO COVINGTON RD IN CEDAR RAPIDS (STATE SHARE)	3.7	GRADE BRIDGE NEW PAVE TRAFFIC SIGNS LIGHTING TRAFFIC SIGNALS FENCING EROSION CONTROL	13759 18743	16905 322 188 241 747	572		
100	COVINGTON RD TO EDGEWOOD RD IN CEDAR RAPIDS		EROSION CONTROL	342				
151	0.2 MI S OF CHURCH ST IN FAIRFAX TO N OF DEAN RD	4.3	GRADE AND PAVE			7696		
151	UP RR IN FAIRFAX		BRIDGE REPLACE RIGHT OF WAY		5	2434		
151	PRAIRIE CREEK IN FAIRFAX		BRIDGE REPLACE RIGHT OF WAY		15	2349		
151	DITCH 2.5 MI S OF US 30 IN FAIRFAX		BRIDGE REPLACE RIGHT OF WAY		2	1149		

DTC	LOCATION	MUEO	TVDE OF WORK				OSTS X \$	
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(57) LINN							
151	DITCH 0.6 MI S OF US 30		BRIDGE REPLACE			2790		
			RIGHT OF WAY MITIGATION		15	150		
151	EAST JCT US 30 IN CEDAR RAPIDS (NB)		BRIDGE DECK OVERLAY			154		
151	CRABAPPLE CREEK 2.9 MI N OF N JCT IA 13 (NB)		BRIDGE REPLACE					2000
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	US 30 TO COUNTY HOME ROAD		CULVERT REPAIR	913				
380	15TH AND 16TH AVE SW 2.5 MI N OF US 30 (NB)		BRIDGE DECK OVERLAY	1252				
380	15TH AND 16TH AVE SW 2.5 MI N OF US 30 (SB)		BRIDGE DECK OVERLAY		1252			
380	8TH ST NE OVER I-380 IN CEDAR RAPIDS		BRIDGE DECK OVERLAY			300		
380	CC RR 2.5 MI S OF IA 100 (NB)		BRIDGE DECK OVERLAY				1050	
380	GLASS RD 1.1 MI S OF IA 100 IN CEDAR RAPIDS		BRIDGE DECK OVERLAY					1400
922	29TH ST NE TO 31ST ST NE IN CEDAR RAPIDS (STATE SHARE)	0.2	GRADE AND PAVE	500				
	(58) LOUISA							
61	2.0 MI S OF IA 92 TO MUSCATINE CO	6.0	PAVE TRAFFIC SIGNS	20409 230				
			LIGHTING EROSION CONTROL	125	600			

RTE	LOCATION	MILES	TYPE OF WORK	PROJE0 2017	CT ESTIM 2018	IATED CO 2019	OSTS X \$ 2020	31000 2021
	(59) LUCAS							
34	WHITE BREAST CREEK 1.6 MI E OF US 65		BRIDGE REPLACE RIGHT OF WAY MITIGATION	3686 2 183				
	(60) LYON							
9	MUD CREEK 0.1 MI W OF CO RD K30		BRIDGE DECK OVERLAY	240				
	(61) MADISON							
169	NORTH BRANCH NORTH RIVER 5.2 MI S OF CO RD F90		BRIDGE RAIL RETROFIT		100			
	(62) MAHASKA							
92	MUCHAKINOCK CREEK 1.3 MI W OF IA 163		BRIDGE REPLACE RIGHT OF WAY				10	3115
	(63) MARION							
5	WHITE BREAST CREEK 2.7 MI N OF IA 14 (SB)		BRIDGE DECK OVERLAY				500	
	(64) MARSHALL							
146	CO RD E49 TO US 30	2.3	GRADE AND PAVE BRIDGE NEW CULVERT NEW MITIGATION EROSION CONTROL		4000 2257 342 60	298		
330	NCL OF ALBION TO IA 14	4.7	PAVE REHAB/WIDEN	1500				
	(65) MILLS							
29	KEG CREEK 1.0 MI S OF S JCT US 34 (NB)		BRIDGE DECK OVERLAY					700

DTE	LOCATION	MUEO	TVDE OF WORK		CT ESTIN			
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(65) MILLS							
29	REST AREA NORTH OF US 34 (NB)		REST AREA IMPROVE					3647
34	MISSOURI RIVER N OF PLATTSMOUTH, NEBRASKA STATE SHARE		BRIDGE CLEANING	25	25	25	25	25
34	SILVER CREEK 1.4 MI W OF CO RD L63		BRIDGE REHAB	845				
34	WABASH TRACE NATURE TRAIL 1.1 MI W OF CO RD L63		BRIDGE REPLACE RIGHT OF WAY	2	1779			
	(67) MONONA							
29	CO RD E60 TO CO RD E24 AT VAR RAMP LOC	15.0	PAVEMENT REHAB					703
141	CO RD L32 S OF MAPLETON TO ECL OF UTE	10.6	PAVEMENT REHAB	5603				
141	2.5 MI E OF CO RD L32 TO 0.4 MI W OF CO RD L37		GRADE RIGHT OF WAY		98	3577		
141	SKUNK CREEK 3.8 MI E OF CO RD L32		BRIDGE REPLACE MITIGATION RIGHT OF WAY		5	677 70		
175	MISSOURI RIVER E OF DECATUR, NEBRASKA (STATE SHARE)		BRIDGE CLEANING BRIDGE PAINTING BRIDGE REHAB	22 4416 294	22	22	22	22
175	MISSOURI RIVER E OF DECATUR, NEBRASKA (STATE SHARE)		BRIDGE REHAB	37	37	37	37	37
175	MUCKY CREEK 0.8 MI W OF W JCT IA 141		BRIDGE DECK OVERLAY			215		
	(68) MONROE							
34	0.5 MI W OF W JCT CO RD T19 TO OTTUMWA (VAR LOC)		SLOPE IMPROVEMENT	195				

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1 2017 2018 2019 2020				
	LOCATION	IVIILLO	TIPE OF WORK	2017	2010	2019	2020	2021
	(68) MONROE							
34	IA 5 INTERSECTION IN ALBIA	0.2	GRADE AND PAVE	3051				
137	JUST N OF IA 5 IN ALBIA		SLOPE IMPROVEMENT	65				
	(69) MONTGOMERY							
34	WALNUT CREEK 3.4 MI W OF IA 48		BRIDGE DECK OVERLAY		250			
34	CO RD H34 TO US 71	10.3	PAVEMENT REHAB PAVEMENT WIDENING	5890 1190				
48	E NISHNABOTNA RIVER 1.9 MI S OF CO RD H14		BRIDGE DECK OVERLAY					490
	(70) MUSCATINE							
22	STREAM 2.9 MI E OF IA 38		BRIDGE DECK OVERLAY	236				
92	MISSISSIPPI RIVER IN MUSCATINE (STATE SHARE)		BRIDGE CLEANING BRIDGE PAINTING	25 1500	25	25	25	25
	(71) O'BRIEN							
10	MUD CREEK 1.9 MI W OF CO RD L48		BRIDGE REPLACE					600
10	MILL CREEK 2.5 MI W OF W JCT US 59		BRIDGE DECK OVERLAY		442			
18	IA 60 TO WCL OF SANBORN	7.2	PAVEMENT REHAB	6166				
18	LITTLE FLOYD RIVER 0.1 MI W OF E JCT CO RD L40		BRIDGE DECK OVERLAY	365				
18	WATERMAN CREEK 1.3 MI W OF CO RD M12		BRIDGE REPLACE				1380	
59	DRY RUN 5.1 MI N OF N JCT IA 10		BRIDGE DECK OVERLAY					450

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$100 2017 2018 2019 2020 2				
	LOGATION	WIILLO	THE OF WORK	2017	2010	2010	2020	2021
	(71) O'BRIEN							
59	ABANDONED RR 0.9 MI S OF CO RD B40 (REMOVE BRIDGE)	0.4	GRADE AND PAVE RIGHT OF WAY					1250 10
	(72) OSCEOLA		RIGHT OF WAT					10
60	WAGNER CREEK 0.2 MI N OF CO RD A34 (SB)		BRIDGE REPLACE RIGHT OF WAY	788 15				
	(73) PAGE		RIGHT OF WAT	15				
59	EAST NISHNABOTNA RIVER 1.0 MI N OF IA 48		BRIDGE REPLACE					3265
	(74) PALO ALTO							
4	DITCH 5.2 MI N OF N JCT US 18		BRIDGE REPLACE MITIGATION RIGHT OF WAY	6	677 40			
	(75) PLYMOUTH							
3	WESTFIELD CREEK 0.2 MI E OF W JCT IA 12		BRIDGE DECK OVERLAY			430		
3	BROKEN KETTLE CREEK 2.3 MI W OF CO RD K22		BRIDGE DECK OVERLAY			350		
3	DITCH 1.6 MI W OF CO RD K42		BRIDGE REPLACE				1147	
3	STREAM 1.0 MI W OF CO RD K42		BRIDGE DECK OVERLAY					300
12	INDIAN CREEK 4.0 MI N OF CO RD C16		BRIDGE REPLACE					1440
75	DITCH 2.6 MI S OF CO RD C44 (NB & SB)		BRIDGE DECK OVERLAY				175	
75	DRY CREEK 3.4 MI N OF CO RD C60 (SB)		BRIDGE DECK OVERLAY	329				

RTE	LOCATION	MILES	TYPE OF WORK	PROJEC 2017	CT ESTIN 2018	1ATED C 2019	OSTS X \$ 2020	1000
	(75) PLYMOUTH							
75	JACKSON ST IN MERRILL TO CO RD C38	2.0	RIGHT OF WAY GRADE AND PAVE EROSION CONTROL	30 9270	100			
	(76) POCAHONTAS							
3	BRANCH 19 0.3 MI W OF IA 4		BRIDGE REPLACE RIGHT OF WAY	6	767			
	(77) POLK							
6	I-35/80 TO E JCT IA 28 (STATE SHARE)	3.8	PAVEMENT REHAB	2552				
6	S OF E EUCLID AVE TO N OF E 38TH ST IN DES MOINES STATE SHARE	0.4	GRADE AND PAVE			4000		
28	WALNUT CREEK 0.4 MI S OF I-235 IN DES MOINES		BRIDGE DECK OVERLAY				845	
35	W JCT I-80 TO WRIGHT CO		PATCHING	1000	1000	1000	1000	1000
35	IN ANKENY FROM N OF ORALABOR RD TO NE 36TH ST	2.1	RIGHT OF WAY GRADE AND PAVE BRIDGE WIDENING BR DECK OVERLAY CULVERT NEW BRIDGE REPLACE TRAFFIC SIGNS TRAFFIC SIGNALS LIGHTING MITIGATION EROSION CONTROL	1700	5747 883 350 5717	12578 144 119 597 300	15653 510 5024 239 627 123	249
35	1.6 MI N OF CO RD F22 TO 3.5 MI N OF IA 210 (NB & SB)	7.1	PAVEMENT REHAB	4807				
65	UP RR 0.3 MI N OF BONDURANT (NB & SB)		BRIDGE DECK OVERLAY	844				

D==	LOCATION	N411 = 0	TVDF OF WORK	PROJECT ESTIMATED COSTS X \$1000					
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021	
	(77) POLK								
69	I-80 TO SE 33RD ST IN ANKENY	3.6	RIGHT OF WAY GRADE AND PAVE				1745	16200	
69	FOUR MILE CREEK 0.1 MI S OF CO RD F22		BRIDGE REPLACE					1328	
80	NB I-35/80 TO WB IA 141 RAMP IN URBANDALE	0.6	GRADE AND PAVE GRADE BRIDGE NEW TRAFFIC SIGNS TRAFFIC SIGNALS LIGHTING RIGHT OF WAY EROSION CONTROL		640	8500 11000	2500 2500 600 150	250	
80	DES MOINES RIVER 1.6 MI E OF IA 28		BRIDGE WIDENING MITIGATION			19700 1500			
80	NW MORNINGSTAR DR 1.7 MI W OF IA 415		BRIDGE REPLACE MITIGATION	3551 200					
80	NE 22ND ST/DELAWARE AVE OVER I-35/80 0.5 MI W OF E JCT I-35		BRIDGE REPLACE	9914					
80	E JCT I-35 TO JASPER CO		PATCHING	400	400	400	400	400	
80	NE 38TH ST 1.6 MI E OF E JCT I-35		BRIDGE REPLACE RIGHT OF WAY				10	1750	
80	E US 65 INTERCHANGE		FENCING LIGHTING	500 225					
80	CO RD S14 TO 1.2 MI W OF SOUTH SKUNK RIVER (EB)	7.7	PAVEMENT REHAB					441	
80	NE 80TH ST OVER I-80 2.8 MI E OF US 65		BRIDGE DECK OVERLAY	239					

					CT ESTIM			
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(77) POLK							
80	NE 96TH ST OVER I-80 4.8 MI E OF US 65		BRIDGE DECK OVERLAY	221				
141	JCT IA 17 (WB)		BRIDGE DECK OVERLAY	480				
141	JCT IA 17 (EB)		BRIDGE DECK OVERLAY	480				
141	IA 44 TO N OF I-35/80	2.0	RIGHT OF WAY GRADE AND PAVE MITIGATION CULVERT EXTENSION TRAFFIC SIGNS TRAFFIC SIGNALS	60 4912 13 102 360 444				
160	IN ANKENY FROM PEACHTREE DR TO E OF I-35 (STATE SHARE)	0.8	PAVEMENT WIDENING	200				
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 MITIGATION TRAFFIC SIGNS TRAFFIC SIGNALS RIGHT OF WAY	40		6994 150 50 250		
	(78) POTTAWATTAMIE							
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 DECK OVERLAY		329			
29	9TH AVE 0.6 MI S OF US 6 IN COUNCIL BLUFFS (SB)		BRIDGE DECK OVERLAY		329			
29	S JCT I-680 TO US 30		GUARDRAIL	1340				
29	DITCH 2.4 MI S OF N JCT I-680		BRIDGE REPLACE					900

RTE	LOCATION	MILES	TYPE OF WORK	PROJE 2017	CT ESTIN 2018	MATED C 2019	OSTS X S 2020	\$1000 2021
	(78) POTTAWATTAMIE							
29	DITCH 1.6 MI S OF N JCT I-680		BRIDGE REPLACE					900
29	DITCH 0.5 MI S OF N JCT I-680		BRIDGE REPLACE					900
29	AT N JCT I-680		GRADE RIGHT OF WAY MITIGATION		917 20 255			
29	CO RD G12 0.4 MI N OF N JCT I-680	0.5	BRIDGE REPLACE GRADE AND PAVE RIGHT OF WAY				10	1800 371
59	STREAM 0.2 MI S OF CO RD G30 IN HANCOCK		BRIDGE REPLACE					1090
80	MISSOURI RIVER IN COUNCIL BLUFFS EB (STATE SHARE)		BRIDGE CLEANING	12	12	12	12	12
80	MISSOURI RIVER IN COUNCIL BLUFFS WB (STATE SHARE)		BRIDGE CLEANING	12	12	12	12	12
80	MISSOURI RIVER TO CASS CO		PATCHING	300	300	300	300	300
80	I-29/I-80/I-480 INTERSTATES IN COUNCIL BLUFFS (CBIS)	4.0	RIGHT OF WAY GRADE AND PAVE CULVERT REPLACE BRIDGE REPLACE TRAFFIC SIGNS LIGHTING EROSION CONTROL MITIGATION	19920 41200 43244 4070 490 596	11300 31380 1660 76990 3860 1290	16300 27470 720 17820 3880 1100	2500 74890 60780 2650 1170	70960 66830 2880
80	I-680 INTERCHANGE (WB)		BRIDGE DECK OVERLAY					725
80	CO RD L66 TO CO RD M47 AT VAR RAMP LOC	17.0	PAVEMENT REHAB				2385	
80	E BRANCH W NISHNABOTNA RIVER 1.2 MI E OF US 59 (EB)		BRIDGE REHAB		304			

					CT ESTIM			
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(78) POTTAWATTAMIE							
80	E BRANCH W NISHNABOTNA RIVER 1.2 MI E OF US 59 (WB)		BRIDGE REHAB		304			
92	WEST NISHNABOTNA RIVER 1.1 MI W OF US 59		BRIDGE DECK OVERLAY			450		
275	MISSOURI RIVER IN COUNCIL BLUFFS (STATE SHARE)		BRIDGE CLEANING BRIDGE DECK OVERLAY	1144	57	57	57	57
275	MISSOURI RIVER IN COUNCIL BLUFFS (STATE SHARE)		BRIDGE PAINTING	572				
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 1186	30	30
680	MISSOURI RIVER IN COUNCIL BLUFFS WB (STATE SHARE)		BRIDGE CLEANING BRIDGE PAINTING BRIDGE DECK OVERLAY	24	24	24 2440 385	24	24
680	MISSOURI RIVER IN COUNCIL BLUFFS EB (STATE SHARE)		BRIDGE CLEANING BRIDGE PAINTING BRIDGE DECK OVERLAY	24	24	24 2318 510	24	24
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		7109			
680	N I-29 INTERCHANGE TO CO RD L34 (EB)	7.1	PAVEMENT REHAB			8141		
680	CO RD L34 TO I-80 (EB)	8.3	PAVEMENT REHAB	9901				
680	POTATO CREEK 0.8 MI E OF CO RD L34 (EB & WB)		BRIDGE DECK OVERLAY					700
	(79) POWESHIEK							
6	STONY CREEK 0.4 MI W OF CO RD V18		BRIDGE REHAB				50	

RTE	LOCATION	MILES	TYPE OF WORK	PROJE(2017	CT ESTIM 2018	ATED C0 2019	OSTS X \$ 2020	31000 2021
	(79) POWESHIEK							
21	DEEP RIVER 1.0 MI N OF IA 85		BRIDGE DECK OVERLAY			250		
21	NORTH ENGLISH RIVER 3.5 MI S OF I-80		BRIDGE DECK OVERLAY			245		
63	MAHASKA CO TO SCL OF MONTEZUMA (STATE SHARE)	5.0	RIGHT OF WAY PAVEMENT REHAB MITIGATION	10 2523 20				
63	W JCT US 6 TO 0.9 MI N OF SCL OF TAMA	15.1	PAVEMENT WIDENING	2100				
80	CO RD V18 4.5 MI W OF IA 21 (EB)		BRIDGE DECK OVERLAY				340	
	(80) RINGGOLD							
169	MIDDLE FORK GRAND RIVER 5.3 MI S OF IA 2		BRIDGE REPLACE					1850
	(81) SAC							
20	W OF ADAMS AVE TO US 71	9.9	GRADE AND PAVE TRAFFIC SIGNS MITIGATION CULVERT REPLACE BRIDGE REPLACE LIGHTING EROSION CONTROL	42845 100 160 1048 3954 30		1201		
39	STREAM 2.4 MI S OF CO RD D59		BRIDGE REHAB					400
71	S JCT IA 175 TO IA 196	7.8	PAVEMENT WIDENING	1459				
71	N JCT IA 175 TO SCL OF EARLY	20.0	PAVEMENT WIDENING	1866				
71	BOYER RIVER 0.7 MI S OF N JCT IA 175		BRIDGE DECK OVERLAY	236				

DTE	LOCATION	MUEC	TVDE OF WORK				COSTS X S	
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(82) SCOTT							
61	I-80 INTERCHANGE IN DAVENPORT (SB)		BRIDGE DECK OVERLAY				450	
67	MISSISSIPPI RIVER IN DAVENPORT (STATE SHARE)		BRIDGE CLEANING RIPRAP BRIDGE REHAB	25 250	25 500	25	25	25
67	EWING ST IN LE CLAIRE TO CO RD F33	7.3	PAVEMENT REHAB	440				
74	EB OVER I-80		BRIDGE REHAB	510				
74	I-80 TO MISSISSIPPI RIVER		PATCHING	300	300	300	300	300
74	E 53RD ST TO MIDDLE RD AT VAR RAMP LOC	3.2	PAVEMENT REHAB					1224
74	IN BETTENDORF AND DAVENPORT (CENTRAL SECTION)	1.2	RIGHT OF WAY GRADE AND PAVE BRIDGE REPLACE BRIDGE REMOVAL TRAFFIC SIGNS LIGHTING LANDSCAPING MITIGATION	2613	500 2696 53575 1133	30466 53360 2419	2148 118828 49 1012	54583 25480 6242
74	MISSISSIPPI RIVER IN BETTENDORF NB (STATE SHARE)		BRIDGE CLEANING BRIDGE REHAB	25 205	25	25	25	25
74	MISSISSIPPI RIVER IN BETTENDORF SB (STATE SHARE)		BRIDGE CLEANING BRIDGE REHAB	25 206	25	25	25	25
80	CEDAR CO TO MISSISSIPPI RIVER		PATCHING	300	300	300	300	300
80	1.1 MI E OF CO RD Y40 TO CO RD Z30 (WB)	19.6	PAVEMENT REHAB	13460				
80	1.1 MI E OF CO RD Y40 TO E OF IA 130 (EB)	8.0	PAVEMENT REHAB			7188		

DTE	LOCATION	MUEC	TVDE OF WORK		CT ESTIM			
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(82) SCOTT							
80	WB I-280 OVER EB I-80 IN DAVENPORT		BRIDGE REHAB		372			
80	EB IA 130 OVER I-80 IN DAVENPORT		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
130	0.1 MI E OF CO RD F31 TO 2 MI W OF CO RD Y40		CULVERT EXTENSION RIGHT OF WAY			50	835	
130	BRANCH HICKORY CREEK 1.8 MI E OF CO RD Y40		BRIDGE DECK OVERLAY				285	
130	I-80 INTERCHANGE IN DAVENPORT (WB)		BRIDGE DECK OVERLAY				460	
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 REHAB		500			17000
461	BUSINESS 61 IN DAVENPORT OVER IA 22		BRIDGE REPLACE RIGHT OF WAY			7078 5		
461	DUCK CREEK 0.4 MI S OF US 6 IN DAVENPORT (NB)		BRIDGE REPLACE					2400
	(84) SIOUX							
12	DRY CREEK 0.3 MI S OF IA 10 IN HAWARDEN		BRIDGE DECK OVERLAY					275

D.T.E.	LOCATION		TVPE OF MORK		PROJECT ESTIMATED COSTS X \$			
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(85) STORY							
35	SOUTH SKUNK RIVER 2.6 MI S OF US 30 (NB & SB)	1.6	BRIDGE REPLACE GRADE AND PAVE CULVERT NEW EROSION CONTROL	5152 439	3627 7655 1441	328		
35	CO RD E57 OVER I-35 2.0 MI S OF US 30		BRIDGE REPLACE	2446				
35	US 30 INTERCHANGE IN AMES	0.5	GRADE AND PAVE MITIGATION TRAFFIC SIGNS LIGHTING BRIDGE NEW CULVERT REPLACE EROSION CONTROL	8665 177 535 239 12764 1456		312		
35	US 30 TO CO RD E29 (NB)	4.4	PAVEMENT REHAB		3609			
35	CO RD E15 TO IA 175		GUARDRAIL	1176				
65	CO RD E41 1.0 MI N OF US 30		BRIDGE REPLACE				500	
210	OVER I-35		BRIDGE DECK OVERLAY	551				
	(86) TAMA							
21	WOLF CREEK 0.4 MI S OF CO RD D65		BRIDGE DECK OVERLAY	519				
30	IOWA RIVER OVERFLOW 0.6 MI W OF E JCT CO RD T47		BRIDGE NEW RIGHT OF WAY					3200 10

D.T.E.	LOCATION	NIII 50	TVPE OF WORK		CT ESTIM			
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(86) TAMA							
30	TAMA BYPASS TO BENTON CO	11.2	RIGHT OF WAY GRADE BRIDGE NEW CULVERT NEW CULVERT REPLACE PAVE TRAFFIC SIGNS LIGHTING MITIGATION EROSION CONTROL	5000	38221 4651 500 1730		35179 119 60	894
	(89) VAN BUREN							
2	IA 1 TO CO RD W40	7.3	PAVEMENT REHAB	750				
98	CO RD V64 IN LEANDO TO IA 16 (TRANSFER OF JURISDICTION)	1.8	GRADE AND PAVE	2310				
	(90) WAPELLO							
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	RIGHT OF WAY GRADE AND PAVE BRIDGE REPLACE CULVERT NEW			250 6048 2020 296		
149	W PARK BLVD 1.4 MI N OF US 34 IN OTTUMWA		BRIDGE REPLACE				3300	
149	CEDAR CREEK 2.1 MI S OF IA 23		BRIDGE REPLACE RIGHT OF WAY	2	1922			
	(91) WARREN							
5	MIDDLE RIVER 1.5 MI S OF CO RD G16 (NB & SB)		BRIDGE DECK OVERLAY					650

RTE	LOCATION	MILES	TYPE OF WORK	PROJEC 2017	CT ESTIM 2018	ATED C0 2019	OSTS X \$	31000 2021
——	LOCATION	IVIILES	TIPE OF WORK	2017	2010	2019	2020	2021
	(91) WARREN							
35	CO RD G76 (NEW VIRGINIA) INTERCHANGE		BRIDGE REPLACE TRAFFIC SIGNS LIGHTING MITIGATION	6658 225 58 23				
35	CLANTON CREEK TO N OF IA 92 (SB)	2.6	GRADE AND PAVE TRAFFIC SIGNS	11885 271				
35	MIDDLE RIVER 0.4 MI S OF IA 92 (SB)		BRIDGE REPLACE	3853				
35	N OF NORTH RIVER TO S OF BADGER CREEK (SB)	2.6	GRADE AND PAVE TRAFFIC SIGNS BRIDGE REPLACE RIGHT OF WAY					15347 298 4360 200
92	I-35 TO CO RD R57	7.0	PAVEMENT WIDENING	1606				
92	IA 28 INTERSECTION IN MARTENSDALE	0.2	GRADE AND PAVE	1996				
92	SOUTH RIVER 0.4 MI E OF E JCT CO RD S23		BRIDGE DECK OVERLAY				240	
	(92) WASHINGTON							
1	CAMP CREEK 3.1 MI S OF IA 22		BRIDGE REPLACE MITIGATION RIGHT OF WAY		5	1471 180		
1	IA 22 INTERSECTION IN KALONA	0.2	GRADE AND PAVE	1625				
22	DITCH 0.3 MI E OF IA 1 IN KALONA		BRIDGE REPLACE	1445				
22	BULGERS RUN 4.8 MI E OF IA 1		BRIDGE REPLACE					507

RTE	LOCATION	MILES	TYPE OF WORK	PROJEC 2017	CT ESTIM 2018	1ATED C0 2019	OSTS X \$ 2020	1000
	EGGATION	WIILLS	TIPE OF WORK	2017	2010	2019	2020	
	(93) WAYNE							
2	DECATUR CO TO WCL OF CORYDON (STATE SHARE)	12.6	PAVEMENT REHAB	6422				
2	STEEL CREEK 2.0 MI E OF CO RD R69		BRIDGE DECK OVERLAY				380	
2	SOUTH CHARITON RIVER 2.2 MI W OF CO RD S26		BRIDGE DECK OVERLAY	437				
65	IA 2 TO LUCAS CO	9.5	PAVEMENT WIDENING	1900				
	(94) WEBSTER							
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	GRADE AND PAVE RIGHT OF WAY			12200 50		
169	DEER CREEK 0.8 MI N OF CO RD C66		BRIDGE DECK OVERLAY		335			
175	WEST BUTTRICK CREEK 2.1 MI E OF CO RD P29		BRIDGE REPLACE RIGHT OF WAY	15	711			
175	TANK POND CREEK 0.3 MI W OF CO RD P33		BRIDGE REPLACE RIGHT OF WAY	6	565			
175	SKILLET CREEK AT S END OF DAYTON		BRIDGE REPLACE RIGHT OF WAY	8	509			
	(95) WINNEBAGO							
9	DITCH 0.1 MI E OF CO RD R74		BRIDGE REPLACE				975	
	(96) WINNESHIEK							
9	DRY RUN CREEK 0.1 MI W OF US 52		BRIDGE DECK OVERLAY	491				
9	TROUT CREEK 2.0 MI E OF US 52		BRIDGE DECK OVERLAY	414				

					CT ESTIN			
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(96) WINNESHIEK							
52	IA 9 INTERSECTION IN DECORAH	0.2	GRADE AND PAVE RIGHT OF WAY	1426 10				
52	STREAM AND TWIN SPRINGS RD 0.6 MI N OF IA 9		BRIDGE DECK OVERLAY					600
	(97) WOODBURY							
20	MORNINGSIDE AVE IN SIOUX CITY		BRIDGE DECK OVERLAY				400	
20	ELLIOT CREEK TO E OF EMMET AVE IN LAWTON	0.9	PAVEMENT REHAB	423				
20	E OF MOVILLE TO W OF CORRECTIONVILLE	11.5	GRADE CULVERT EXTENSION BRIDGE NEW PAVE TRAFFIC SIGNS EROSION CONTROL	9593 1860 953 10722 62		1201		
29	IA 141 OVER I-29		BRIDGE DECK OVERLAY		387			
29	CO RD D65 2.2 MI N OF IA 141		GRADE RIGHT OF WAY					900 10
29	CO RD K35 4.2 MI N OF IA 141		GRADE RIGHT OF WAY					900 10
29	CO RD K25 (SALIX) INTERCHANGE 6.4 MI N OF IA 141		EROSION CONTROL	200				
29	RECONSTRUCTION IN SIOUX CITY	12.0	GRADE AND PAVE BRIDGE REPLACE BRIDGE NEW TRAFFIC SIGNS		37699 12349 1435 546	17619 2536 285	835	
			EROSION CONTROL TRAFFIC SIGNALS BRIDGE PAINTING	328 437			358 179	

				PROJECT ESTIMATED COSTS				1000
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(97) WOODBURY							
29	BIG SIOUX RIVER IN SIOUX CITY (STATE SHARE)		RIP RAP BRIDGE PAINTING BRIDGE DECK OVERLAY	413			144	150
31	LITTLE SIOUX RIVER 2 MI S OF ANTHON		RIGHT OF WAY RIP RAP		2 605			
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 MI E OF I-29		BRIDGE REPLACE MITIGATION		2778 80			
141	WOLF CREEK DITCH 1.8 MI E OF CO RD K64		BRIDGE REHAB				980	
141	LITTLE SIOUX RIVER 0.7 MI E OF IA 31		BRIDGE REHAB				1200	
141	E OF SMITHLAND TO WCL OF MAPLETON	7.6	PAVEMENT REHAB	3919				
175	3.0 MI E OF ECL OF DANBURY		RIP RAP	852				
	(98) WORTH							
9	SHELL ROCK RIVER 0.1 MI E OF W JCT CO RD S56		BRIDGE DECK OVERLAY				225	
35	1.0 MI N OF IA 9 TO MINNESOTA	13.9	PAVEMENT REHAB	1515				
	(99) WRIGHT							
17	PRAIRIE CREEK 0.9 MI N OF CO RD C26		BRIDGE REPLACE				1185	
35	HAMILTON CO TO MINNESOTA		PATCHING	400	400	400	400	400

RTE	LOCATION	MILES	TYPE OF WORK	PROJEC 2017	CT ESTIM 2018	ATED C0 2019	OSTS X \$ 2020	31000 2021
	(99) WRIGHT							
69	N OF UP RR TO N JCT CO RD C20	8.0	RIGHT OF WAY GRADE AND PAVE BRIDGE REPLACE CULVERT REPLACE MITIGATION				50	3525 4414 490 300

DTC	LOCATION	MII EO	TVDE OF WORK		CT ESTIN			
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(00) STATEWIDE							
	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
	NON-INTERSTATE PAVEMENT MODERNIZATION		PAVEMENT REHAB		95000	95000	100000	105000
	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	29000	29000	29000	29000	29000
	STATEWIDE INTERSTATE GUARDRAIL REPAIR		GUARDRAIL REPAIR	650	650	650	650	650
	STATEWIDE INTERSTATE LIGHTING		LIGHTING	500	500	500	500	500
	STATEWIDE INTERSTATE REST AREA MAINTENANCE		REST AREA IMPROVE	3700	3700	3700	3700	3700
	STATEWIDE INTERSTATE SIGNING		TRAFFIC SIGNS	1000	1000	1000	1000	1000
	STATEWIDE RAILROAD CROSSINGS		MISCELLANEOUS	500	500	500	500	500
	STATEWIDE ROADSIDE IMPROVEMENT		LANDSCAPING	2500	2500	2500	2500	2500
	STATEWIDE SAFETY SPECIFIC		PAVE		15000	20000	25000	25000
	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 lowa 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 lowa DOT and are available to local governments, as requested on a first-come, first-served basis. The program is funded by the Federal Highway Administration. A city or county can obtain a traffic engineering evaluation of a problem situation at no cost.

County - State Traffic Engineering Program (C-STEP)

A. Spot Improvements - Safety or Operational

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

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

B. Linear Improvements - Safety or Operational

Cooperative Improvement State Jurisdiction Retained					•	Improvement ocal Jurisdiction	
Rehabi	litation	Reconst	truction	Rehabi	litation	Recons	truction
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 lowa 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).
- 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 \$19.2 million have been approved for nearly 1,609 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 lowa 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 lowa's native vegetation is available on request.

Sixty five applications for FY 2016 funding were submitted by cities, counties, and the state. The total amount of funding requested was \$942,914.56. Sixty three projects were awarded a total of \$814,011.58.

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.

Living Roadway Trust Fund Projects Fiscal Year 2016

State Projects	County	Approved Funding
Education, inventory, research, brochures, posters cds, dvds, books, plantings, etc. 2016 Program Assistance and Special Projects Bobcat Forestry Mower-Provisional Educational Books 2015-2016 Statewide Assistance to Communities and Volunteers 2015-2016 lowa's Living Roadways Projects Program Match Strategic Communication and Education Research Exploring the Feasibility of Engaging Right-of-Way-Adjacent Landowners in Conservation Practices Showcase of Native Roadsides - IRVM Story Map Natural Selections (Iowa Ecotype) Project 2016 Prairie Roots Project Reducing Seed Costs in Native Plantings County Engineers and Board of Supervisors Survey 2016 IRVM Program Implementation Roadside Brochure Development and Technical Manual Updates 2016 Roadside Conference Prairie Enhancement of Non-native Cool-season grass stands	Story Benton Polk Story Linn Linn Linn Black Hawk	\$ 21,217.00 \$ 71,561.20 \$ 14,500.00 \$ 7,815.00 \$ 78,807.07 \$ 51,124.00 \$ 47,410.26 \$ 10,127.28 \$ 33,110.00 \$ 58,214.00 \$ 28,664.00 \$ 19,536.00 \$ 7,776.00 \$ 32,085.00 \$ 14,018.00 \$ 16,686.00 \$ 42,885.00
Subtotal for State Projects		\$ 555,535.81
City Projects	City	
Lewis Access Road Beautification-Native Prairie Planting	City of Center Point	\$ 5,362.00
Subtotal for City Projects		\$ 5,362.00

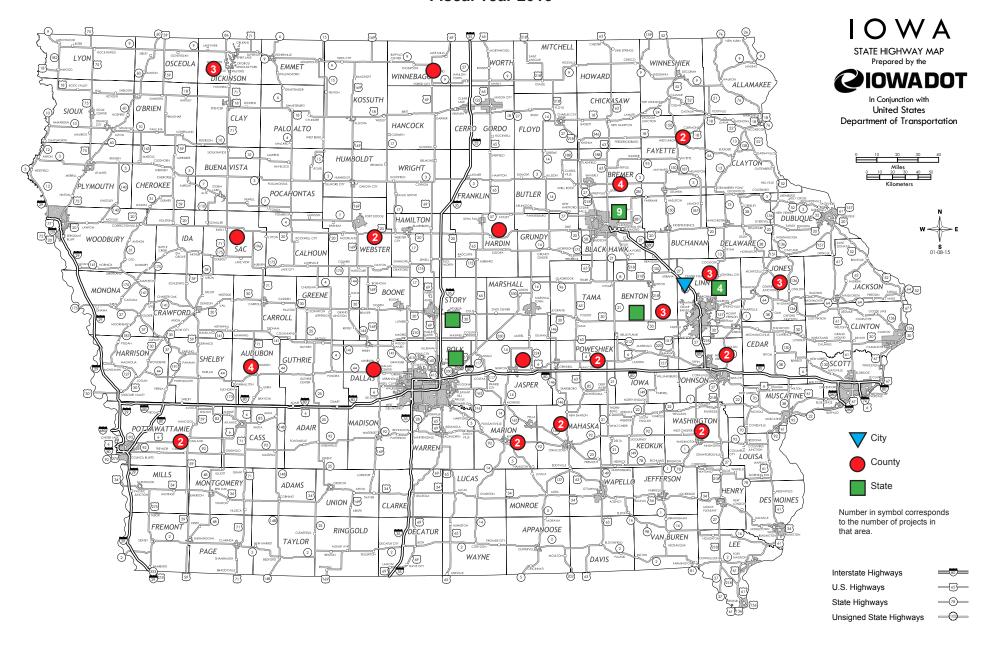
Living Roadway Trust Fund Projects Fiscal Year 2016

County Projects	County	Approved Funding
Gramegna V93/30-220 Spading Machine	Johnson	\$ 11,491.20
Gramegna V93/30-220 Spading Machine	Mahaska	\$ 11,491.20
Gramegna V93/30-220 Spading Machine	Fayette	\$ 11,491.20
Fire PPE and Hand Tools	Audubon	\$ 960.00
200 Gallon Skid Sprayer	Audubon	\$ 3,022.00
1,000 Gallon Water Tank and Pump	Audubon	\$ 2,270.00
Audubon County Specialized Tree Removal System	Audubon	\$ 10,000.00
IRVM Storage Facility Renovation	Benton	\$ 15,000.00
Echo Leaf Blowers	Benton	\$ 720.78
Truax Seed Slinger	Benton	\$ 500.00
Digital camera	Bremer	\$ 717.56
Prescribed Fire Equipment	Bremer	\$ 757.20 \$ 1,001.25
Personal Protective Equipment for Prescribed Burns Hydroseeder	Bremer	\$ 1,001.25 \$ 24,000.00
Hydroseeding Truck Upgrade	Bremer Dallas	\$ 24,000.00 \$ 10,000.00
Dickinson County IRVM - Fire PPE	Dallas Dickinson	\$ 10,000.00
Dickinson County IRVM - Fire FFE Dickinson County IRVM - Vicon Spreader	Dickinson	\$ 2,879.20
Dickinson County IRVM - Vicon Spreader Dickinson County IRVM - UTV Polaris Ranger 900 EPS	Dickinson	\$ 8,000.00
Heavy-Duty Spray/Tow Truck Replacement	Fayette	\$ 10,000.00
IRVM Storage Building-Provisional	Hardin	\$ 15,000.00
Silt Fence Installer	Jasper	\$ 3,577.80
Cultipacker	Johnson	\$ 3,500.00
Hannay Hose Reel	Jones	\$ 1,000.00
John Deere Gator XUV 625i	Jones	\$ 8,000.00
Wetland Plants	Jones	\$ 850.00
Linn County IRVM brochure update	Linn	\$ 800.00
7th Rights-of-Way Workshop	Linn	\$ 7,650.55
Hydroseeder Upgrade	Linn	\$ 24,000.00
Spray Truck	Mahaska	\$ 10,000.00
2015 John Deere XUV 625i Gator	Marion	\$ 8,000.00
Roadside Inventory	Marion	\$ 8,000.00
IRVM Banners for Outreach	Pottawattamie	\$ 1,387.20
Brush Removal	Pottawattamie	\$ 9,560.00
Silt Fence Installer	Poweshiek	\$ 3,226.60
UTV Fire Skid	Poweshiek	\$ 1,668.00
Northstar Skid Sprayer	Sac	\$ 2,643.20
Pallet Forks	Washington	\$ 489.44
Soil Conditioner	Washington	\$ 5,706.08
Burning - Personal Protective Equipment UTV Fire Skid	Webster	\$ 1,596.75 \$ 3,175.00
	Webster	\$ 3,175.00 \$ 8,282.56
Raven Project	Winnebago	\$ 8,282.56
Subtotal for County Projects		\$ 253,113.77

TOTAL

\$ 814,011.58

Living Roadway Trust Fund Projects Fiscal Year 2016



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 lowa Department of Transportation (DOT) will be spent on road and bridge projects that are critical to maintaining lowa's transportation infrastructure and create opportunities for expanded economic activity. Over the five years of this Program, it is forecast that an additional \$513.7 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.

The Commission spent the last 12 months discussing 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 lowa'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 on critical projects. 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 \$35 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, Benton and Linn 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 County from south of 210th Street to north of Mediapolis. In Benton County on U.S. 30, the construction of the Iowa 21 interchange was accelerated.

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 lowa 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 lowa.

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.

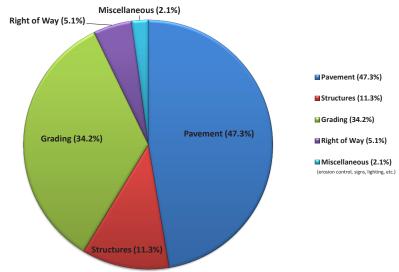
The pie chart below summarizes the additional projects by work type.

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.

2017-2021 Highway Program by Work Type

Projects Funded with Increased Revenue



Forecast of five years of additional funding is \$513.7 Million

RTE	LOCATION	MILES	TYPE OF WORK	PROJE 2017	CT ESTIM 2018	ATED C 2019	OSTS X \$	\$1000 2021
NIE -	LOCATION	IVIILES	TIFE OF WORK	2017	2010	2019	2020	2021
	(01) ADAIR							
92	MARVEL CREEK 0.3 MI W OF CO RD P33		BRIDGE REPLACE RIGHT OF WAY			15	1850	
	(02) ADAMS							
148	MIDDLE NODAWAY RIVER 1.8 MI S OF S JCT CO RD H20		BRIDGE DECK OVERLAY					590
	(04) APPANOOSE							
5	DITCH 0.6 MI S OF CO RD T30		BRIDGE REPLACE					860
	(06) BENTON							
30	IA 21 TO W JCT US 218	13.9	RIGHT OF WAY GRADE AND PAVE TRAFFIC SIGNS LIGHTING MITIGATION	500	17724 273 234 1052	400	13000 17300	
			BRIDGE NEW GRADE CULVERT REPLACE EROSION CONTROL		1702	200	1800	2098 23400 902 200
	(07) BLACK HAWK							
20	IA 21 TO I-380 IN WATERLOO	7.7	GRADE AND PAVE			6532		
57	HUDSON RD TO FRANKLIN ST IN CEDAR FALLS (STATE SHARE)	0.9	GRADE AND PAVE			5750		
	(09) BREMER							
3	IN WAVERLY FROM 20TH ST NW TO 8TH ST E (STATE SHARE)	1.8	GRADE AND PAVE	6956				

				PROJECT ESTIMATED COS				
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(11) BUENA VISTA							
3	DITCH 0.4 MI W OF CO RD M54		BRIDGE REPLACE					550
	(17) CERRO GORDO							
65	EAST BRANCH BEAVERDAM CR 0.7 MI S OF CO RD B60		BRIDGE REPLACE					1105
	(21) CLAY							
10	O'BRIEN CO TO N JCT US 71	11.9	PAVE REHAB/WIDEN	5052				
	(22) CLAYTON							
52	LITTLE TURKEY RIVER 0.3 MI S OF CO RD C9Y		BRIDGE DECK OVERLAY			564		
	(25) DALLAS							
80	NORTH RACCOON RIVER 2.3 MI E OF US 169 (EB)		BRIDGE DECK OVERLAY			1390		
	(27) DECATUR							
69	E JCT IA 2 IN LEON	0.2	RIGHT OF WAY GRADE AND PAVE	10 479				
	(29) DES MOINES							
61	MEMORIAL PARK RD IN BURLINGTON TO S OF 210TH ST	10.2	RIGHT OF WAY GRADE MITIGATION BRIDGE NEW CULVERT NEW PAVE TRAFFIC SIGNS GRADE AND PAVE	2800	18408 1306 486	2536	22576 125	2296 125 30450

				PROJECT ESTIMATED COSTS 2			1000	
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(29) DES MOINES							
61	S OF 210TH ST TO N OF MEDIAPOLIS		RIGHT OF WAY					1400
61	BRANCH SMITH CREEK 1.0 MI S OF LOUISA CO		BRIDGE REPLACE				750	
	(31) DUBUQUE							
3	ECL OF LUXEMBURG TO TOLLGATE RD (CO RD Y13)	4.1	GRADE AND PAVE RIGHT OF WAY		225	8058		
	(35) FRANKLIN							
65	SQUAW CREEK 0.2 MI N OF IA 3 IN HAMPTON		BRIDGE REPLACE			1100		
	(43) HARRISON							
30	MILL CREEK 7.2 MI E OF CO RD F32		BRIDGE REPLACE			2155		
	(47) IDA							
20	CORRECTIONVILLE TO W JCT US 59		EROSION CONTROL			1529		
20	E JCT US 59 TO W OF ADAMS AVE		EROSION CONTROL			874		
	(49) JACKSON							
62	MAQUOKETA RIVER 1.1 MI E OF IA 64		BRIDGE DECK OVERLAY					950
	(52) JOHNSON							
1	STREAM 2.1 MI S OF CO RD F52		BRIDGE REPLACE RIGHT OF WAY			15	773	
1	OLD MANS CREEK 1.5 MI S OF CO RD F52		BRIDGE REPLACE RIGHT OF WAY			15	2944	

	LOCATION			PROJECT ESTIMATED COSTS X \$1000				
RTE	LOCATION	MILES	TYPE OF WORK	2017 2018	2019	2020	2021	
	(54) KEOKUK							
149	IA 78 INTERSECTION	0.2	PAVEMENT REHAB	485				
	(56) LEE							
2	SUGAR CREEK 1.8 MI W OF US 218		BRIDGE REPLACE				1540	
	(57) LINN							
13	1.0 MI N OF COUNTY HOME RD TO 2.0 MI S OF CENTRAL CITY (SB)	4.2	GRADE AND PAVE CULVERT EXTENSION TRAFFIC SIGNS RIGHT OF WAY	450	12343 122 54			
	(64) MARSHALL							
146	CO RD E49 TO US 30	2.3	GRADE AND PAVE BRIDGE NEW CULVERT NEW MITIGATION EROSION CONTROL	4000 2257 342 60	298			
	(67) MONONA							
141	2.5 MI E OF CO RD L32 TO 0.4 MI W OF CO RD L37	11.4	GRADE RIGHT OF WAY	98	3577			
	(68) MONROE							
34	IA 5 INTERSECTION IN ALBIA	0.2	GRADE AND PAVE	3051				
	(71) O'BRIEN							
18	WATERMAN CREEK 1.3 MI W OF CO RD M12		BRIDGE REPLACE			1380		

				PROJECT ESTIMATED COSTS X \$1000				31000
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(73) PAGE							
59	EAST NISHNABOTNA RIVER 1.0 MI N OF IA 48		BRIDGE REPLACE					3265
	(75) PLYMOUTH							
3	DITCH 1.6 MI W OF CO RD K42		BRIDGE REPLACE				1147	
75	JACKSON ST IN MERRILL TO CO RD C38	2.0	RIGHT OF WAY GRADE AND PAVE EROSION CONTROL	30 9270	100			
	(77) POLK							
69	I-80 TO SE 33RD ST IN ANKENY	3.6	RIGHT OF WAY GRADE AND PAVE				1745	16200
	(78) POTTAWATTAMIE							
680	N I-29 INTERCHANGE TO CO RD L34 (EB)	7.1	PAVEMENT REHAB			8141		
	(81) SAC							
20	W OF ADAMS AVE TO US 71	9.9	GRADE AND PAVE TRAFFIC SIGNS MITIGATION CULVERT REPLACE BRIDGE REPLACE LIGHTING EROSION CONTROL	42845 100 160 1048 3954 30		1201		
	(82) SCOTT							
461	DUCK CREEK 0.4 MI S OF US 6 IN DAVENPORT (NB)		BRIDGE REPLACE					2400

	LOCATION			PROJE	CT ESTIM		OSTS X \$	1000
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(86) TAMA							
30	TAMA BYPASS TO BENTON CO	11.2	RIGHT OF WAY GRADE BRIDGE NEW CULVERT NEW CULVERT REPLACE PAVE TRAFFIC SIGNS LIGHTING MITIGATION EROSION CONTROL	5000	38221 4651 500 1730		35179 119 60	894
	(91) WARREN							
35	N OF NORTH RIVER TO S OF BADGER CREEK (SB)	2.6	GRADE AND PAVE TRAFFIC SIGNS BRIDGE REPLACE RIGHT OF WAY					15347 298 4360 200
92	IA 28 INTERSECTION IN MARTENSDALE	0.2	GRADE AND PAVE	1996				
	(92) WASHINGTON							
1	IA 22 INTERSECTION IN KALONA	0.2	GRADE AND PAVE	1625				
	(94) WEBSTER							
20	0.5 MI E OF CO RD P73 TO W JCT IA 17 (EB & WB)	4.8	GRADE AND PAVE RIGHT OF WAY			12200 50		
	(95) WINNEBAGO							
9	DITCH 0.1 MI E OF CO RD R74		BRIDGE REPLACE				975	

							OSTS X \$	
RTE	LOCATION	MILES	TYPE OF WORK	2017	2018	2019	2020	2021
	(96) WINNESHIEK							
52	IA 9 INTERSECTION IN DECORAH	0.2	GRADE AND PAVE RIGHT OF WAY	1426 10				
	(99) WRIGHT							
17	PRAIRIE CREEK 0.9 MI N OF CO RD C26		BRIDGE REPLACE				1185	
	(00) STATEWIDE							
	NON-INTERSTATE PAVEMENT MODERNIZATION		PAVEMENT REHAB		5000	10000	10000	10000
	STATEWIDE SAFETY SPECIFIC		PAVE			5000	5000	5000