

2020-2024

IOWA TRANSPORTATION IMPROVEMENT PROGRAM



DRAFT



Dear Iowans:

Table of Contents

Table of Contents

Iowa Transportation Policy.....	iv
Aviation Program	1
Transit Program	9
Railroad Program	15
State and Federal Trails Programs	25
Revitalize Iowa's Sound Economy (RISE).....	33
Iowa Statewide Transportation Alternatives Program	37
Iowa's Clean Air Attainment Program (ICAAP).....	39
Traffic Safety Improvement Program.....	43
Highway Program	49
Projects Funded with Increased Revenue	105

Caveat

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

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

Maps and Illustrations

Fiscal Year 2020 Transportation Funding.....	iii
Map - Public-Owned Airports.....	7
Map - Large Urbanized, Urbanized, Small Urban and Regional Transit Systems	13
Map - Railroad Projects	23
Map - State Recreational Trails Projects	27
Map - Federal Recreational Trails Projects.....	31
Map - RISE Fund Projects.....	36
Map - Iowa's Clean Air Attainment Program Projects	42
Map - Traffic Safety Improvement Program Projects.....	47
Graph - Highway Program by Work Type.....	50
Graph - Highway Program by Funding Category.....	51
Map - 2020 Iowa Highway Program.....	52
Map - Living Roadway Trust Fund Projects.....	104
Graph - Projects Funded with Increased Revenue	105

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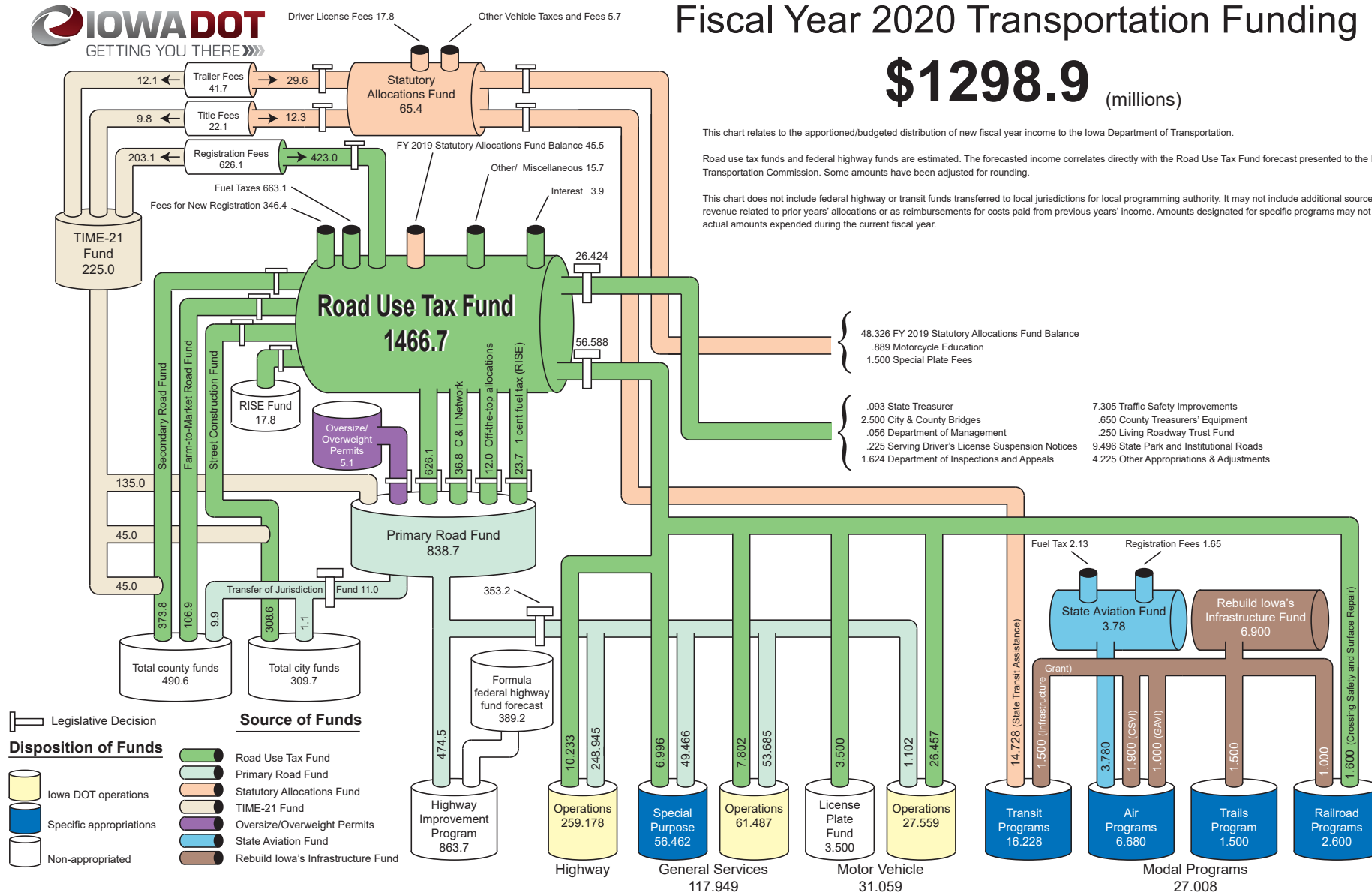
Fiscal Year 2020 Transportation Funding

\$1298.9 (millions)

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

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

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



Iowa Transportation Policy

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

Policy

A. General

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

B. Plan

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

C. Program

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



Aviation Program

Aviation Program

The Iowa DOT's Office of Aviation maintains and develops Iowa's air transportation system through advocacy, planning, technical assistance, and the administration of state and federal funding programs.

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

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

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

Aviation Safety Programs include Immediate Safety Enhancements and Wildlife Mitigation programs. Airports may apply for grants on an as-needed basis while funding is available. The percentage of local match required for the projects varies by type of program.

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

Airfield and security projects include: land acquisition; runway, apron and taxiway preservation and construction; access control; planning studies; airport lighting; fuel facilities; and installation of visual navigational and communication aids.

Automated Weather Observing System (AWOS) - provides a network of aviation weather reporting stations at 44 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 improvement program. The State Aviation Program provides operational maintenance and transfer of data into the national system, which enables a broad access to the information for aviation and weather-forecasting needs.

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

Windsocks - supplied to public-use airports and hospital heliports to provide important visual information for pilots regarding wind direction and speed prior to takeoff and landing. Windsocks are subject to weathering and need to be replaced every one to two years.

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

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

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

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

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

For additional information, visit the Iowa DOT's Office of Aviation website at www.iowadot.gov/aviation, or by calling 515-239-1691.

Aviation Funding Summary

Program	Federal	State	Other	Total
Airport Improvement Program (FY 2019)	\$ 0	\$ 4,616,091	\$ 1,757,885	\$ 6,373,976
Commercial Service Vertical Infrastructure (FY 2019)	\$ 0	\$ 1,500,000	\$ 492,562	\$ 1,992,562
General Aviation Vertical Infrastructure (FY 2019)	\$ 0	\$ 731,990	\$ 1,502,060	\$ 2,234,050
Federal Aviation Administration Nonprimary (FY 2019 estimate)	\$ 34,971,150	\$ 0	\$ 3,497,195	\$ 38,468,345
TOTALS	\$ 34,971,150	\$ 6,848,081	\$ 7,249,702	\$ 49,068,933

**Aviation Program
Fiscal Year 2019**

Commercial Service Vertical Infrastructure (CSVI) Projects	\$ 1,500,000
General Aviation Vertical Infrastructure (GAVI) Projects	\$ 731,990
Airport Improvement Program	\$ 4,616,091
 Aviation Safety	 \$ 521,314
• AWOS maintenance and data link • Runway marking • Immediate safety enhancements • Obstruction mitigation • Wildlife mitigation • Windsocks • Education and outreach	
 Aviation Planning and Development	 \$ 4,094,777
• Airport development projects • Air service development • Statewide planning and research	
TOTAL	\$ 6,848,081

Commercial Service Vertical Infrastructure (CSVI) Program
Fiscal Year 2019

Airport	Type of Improvement	Total Project Cost	State Share
Des Moines International Airport	South Quadrant FBO Site Development Phase 1	\$ 995,000	\$ 593,616
Dubuque Regional Airport	Relocate Airfield Infrastructure and GA Terminal Renovations	\$ 105,815	\$ 105,815
Fort Dodge Regional Airport	Renovate Maintenance Facility, Hangars and AFSS Building	\$ 96,061	\$ 96,061
Mason City Municipal Airport	Boiler Replacement	\$ 170,000	\$ 96,208
Sioux Gateway Airport	Hangar Repair	\$ 105,330	\$ 105,330
Southeast Iowa Regional Airport	Terminal Upgrades	\$ 96,002	\$ 96,002
The Eastern Iowa Airport	Install Overhead Roadway Signs	\$ 322,000	\$ 304,613
Waterloo Regional Airport	Hangar and Terminal Improvements	\$ 102,354	\$ 102,354
TOTAL		\$ 1,992,562	\$ 1,500,000

**General Aviation Vertical Infrastructure (GAVI) Program
Fiscal Year 2019**

Airport	Type of Improvement	Total Project Cost	State Share
Algona Municipal Airport	3 Stall Hangar Extension	\$ 282,000	\$ 149,460
Boone Municipal Airport	Construct 8 Unit T-Hangar	\$ 480,250	\$ 150,000
Cherokee County Regional Airport	Paint and Repair Hangars	\$ 75,000	\$ 37,500
Estherville Municipal Airport	Hangar Paint and Roof Repairs	\$ 24,800	\$ 14,880
Perry Municipal Airport	Construct 100x100 Hangar	\$ 656,500	\$ 150,000
Red Oak Municipal Airport	Rehabilitate Hangar Doors	\$ 65,000	\$ 48,750
Sioux County Regional Airport	Construct 100x100 Hangar	\$ 600,000	\$ 150,000
Spencer Municipal Airport	Rehabilitate Hanger Bi-fold Doors	\$ 20,500	\$ 16,400
Webster City Municipal Airport	Terminal Building and Hangar Repairs	\$ 30,000	\$ 15,000
TOTAL		\$ 2,234,050	\$ 731,990

Airport Development Projects

Fiscal Year 2019

Airport	Type of Improvement	Total Project Cost	State Share
Algona Municipal Airport	3 Stall Hangar Approach Paving	\$ 57,000	\$ 42,750
Ankeny Regional Airport	South Apron Access Road and Utilities - Phase 1	\$ 520,000	\$ 225,000
Boone Municipal Airport	Construct Apron for 8 Unit T-Hangar	\$ 172,104	\$ 146,288
Carroll - Arthur N Neu Airport	Entrance Sign and Landscaping	\$ 20,000	\$ 10,000
Creston Municipal Airport	Install Wind Cone	\$ 50,000	\$ 42,500
Des Moines International Airport	South Quadrant FBO Site Development Phase 2	\$ 982,000	\$ 392,800
Des Moines International Airport	Taxi lane Repair	\$ 308,769	\$ 154,384
Estherville Municipal Airport	Repaint Beacon Tower	\$ 9,450	\$ 5,670
Fairfield Municipal Airport	Airfield Pavement Rehabilitation - Phase 2	\$ 195,000	\$ 165,750
Fort Dodge Regional Airport	Install Sub-drain System for T-Hangar	\$ 40,000	\$ 34,000
Iowa City Municipal Airport	Reconstruct Terminal Apron and Taxiway	\$ 249,900	\$ 228,800
Mason City Municipal Airport	Construct Taxi lane	\$ 310,000	\$ 217,000
Northeast Iowa Regional Airport	Replace Airport Beacon	\$ 50,000	\$ 40,000
Ottumwa Regional Airport	Apron Reconstruction	\$ 335,500	\$ 285,175
Perry Municipal Airport	Apron for 100x100 Hangar	\$ 73,200	\$ 62,220
Red Oak Municipal Airport	Fuel System Upgrade	\$ 42,000	\$ 31,500
Sioux County Regional Airport	Terminal Area Paving & Vehicle Parking	\$ 500,000	\$ 425,000
Sioux Gateway Airport	Rehabilitate North GA Ramp Taxi lane	\$ 525,000	\$ 367,500
Sioux Gateway Airport	North GA Ramp Pavement Island	\$ 580,000	\$ 425,000
Southeast Iowa Regional Airport	Reconstruct T-Hangar Taxi lane - Phase 1	\$ 108,740	\$ 91,340
The Eastern Iowa Airport	Replace 14 Thermoplastic Surface Hold Signs	\$ 146,000	\$ 124,100
TOTAL		\$ 5,274,663	\$ 3,516,777

Public-Owned Airports

✈️ SIOUX FALLS

✈️ ROCHESTER

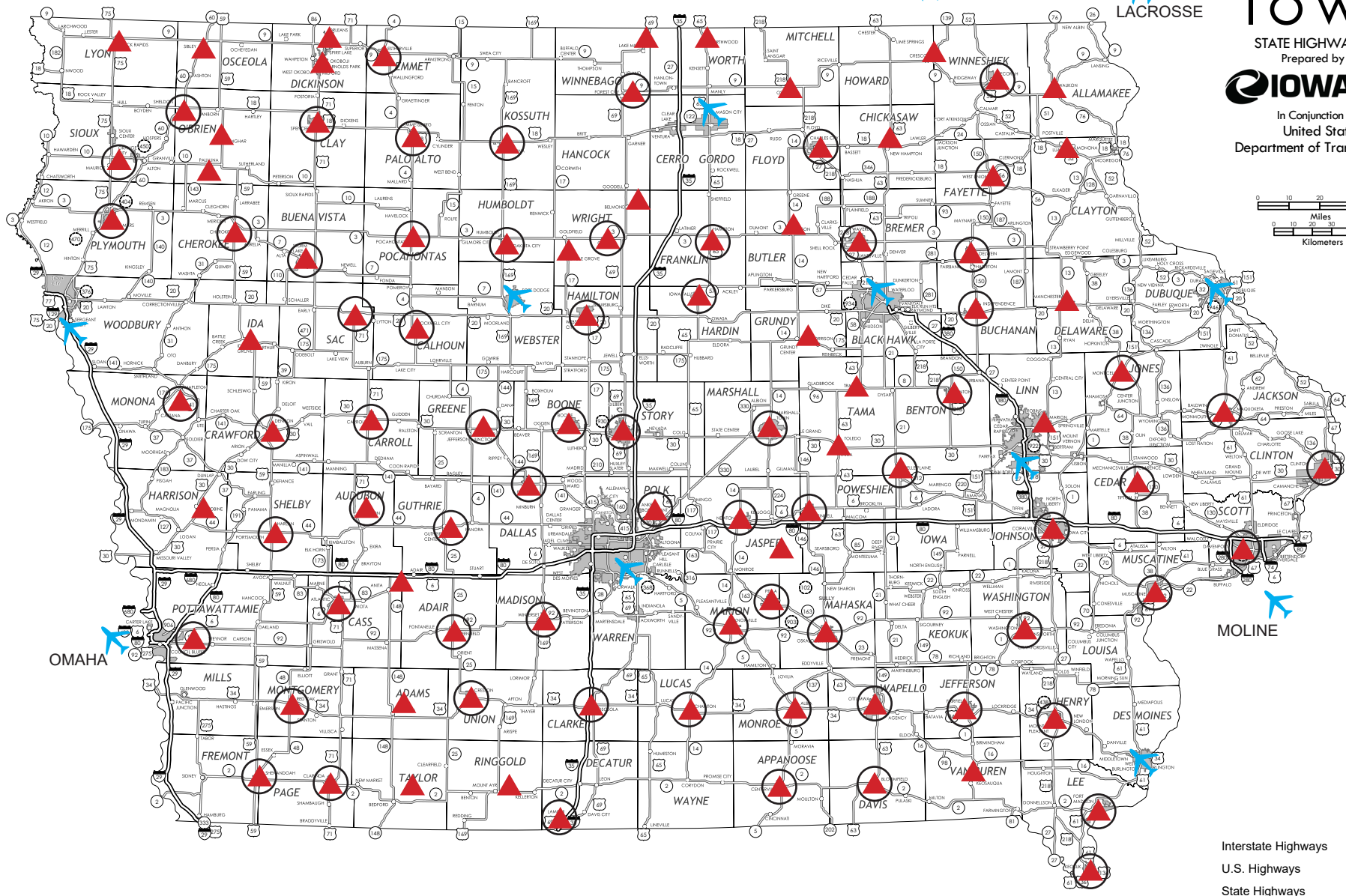
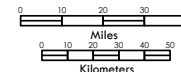
✈️ LACROSSE

IOWA

STATE HIGHWAY MAP
Prepared by the



In Conjunction with
United States
Department of Transportation



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

A large, stylized gray logo consisting of two curved, overlapping shapes that form a central white space. A white swoosh or line runs through the center of the logo, curving around the text.

Transit Program

Transit Program

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

State Transit Assistance (STA) – Iowa dedicates four percent of the fees for new registration collected on sales of motor vehicle and accessory equipment to support public transportation. Most of the money is distributed by a formula based on each transit system's performance during the previous year in terms of rides, miles, and local funding support. These formula funds can be used to support any operating, capital, or planning expenses related to the provision of public passenger transportation. Up to \$300,000 of each year's STA funds are available for technical training and other projects to improve public transit in Iowa. Estimated STA receipts for FY 2020 are projected to be \$14,728,000.

Public Transit Infrastructure Grant Program – This program is based on an annual appropriation. It is typically at or close to \$1.5 million. The purpose of the program is to provide funding for construction and improvement of the vertical infrastructure of Iowa's designated public transit systems. These funds are available on a competitive basis. Program funds may reimburse up to 80 percent of transit-related costs, with at least 20 percent of transit-related projects costs derived from local sources. No more than 40 percent of annual available funding may go to an individual transit system.

The Federal Transit Administration (FTA) is a unit of the U.S. Department of Transportation that administers a number of programs offering financial support for local public transportation. All FTA programs providing assistance to Iowa transit systems are funded through the 2.86 cents per gallon of the federal motor fuel tax dedicated to transit. When FTA funds are used for support of operating costs, the FTA participation is limited to 50 percent of the net project cost. When used for capital improvements, the FTA participation is normally limited to 80 percent of net cost, but can go to 90 percent for specific features required for compliance with the Americans with Disabilities Act (ADA) or the Clean Air Act, or 85 percent for purchase of rolling stock equipped with such features. When used for planning, the FTA participation is limited to 80 percent.

- Section 5305(d) "Metropolitan Planning Program" - These FTA funds come to Iowa based on the number of individuals living in urbanized areas (over 50,000 population) compared to other states. Iowa uses these funds to support intermodal transportation planning activities in urbanized areas by metropolitan planning organizations

- Section 5305(e) "Statewide and Nonmetropolitan Transportation Planning Program" - These FTA funds come to Iowa based on the number of individuals living in urbanized areas (over 50,000 population) compared to other states. A minimum allocation provision assures all states receive a portion of the available funds. Funds may be used to support intermodal transportation planning activities anywhere in the state. Iowa uses these funds, along with part of the nonurbanized formula funding, to support intermodal transportation planning activities in urbanized areas by regional planning affiliations.
- Section 5307 "Urbanized Area Formula Program" - These FTA funds for areas with populations between 50,000 and 199,999 are apportioned to the state on the basis of the collective population and population density of the urbanized areas along with a factor for low-income populations. The department suballocates them using the same formula. In areas with a population of 200,000 or more, the FTA directs allocations, using the same formula, plus additional performance-based factors. Funds may be used to support transit capital, maintenance, planning and job access reverse commute activities in all urbanized areas, and general operations in areas under 200,000 population. Operating costs are allowed, up to certain limits, for areas over 199,999 in population.
- Section 5339 "Bus and Bus Facilities Formula Grants" - These FTA funds are apportioned to Iowa based on a statutory formula or may be awarded through a FTA grant-making process. They may be used only for capital projects to replace, rehabilitate and purchase revenue vehicles, related equipment and construct bus-related facilities. Match for FTA funds must be from non-federal sources.
- Section 5310 "Enhanced Mobility of Seniors and Individuals with Disabilities Program" - These FTA funds come to Iowa on the basis of the number of seniors and individuals with disabilities within the state compared to other states. Not less than 55 percent of these funds can be used to support the capital costs (including costs of contracted services) of transit services that predominantly serve seniors or individuals with disabilities. The remaining 45 percent may be used for projects that exceed ADA requirements; improved access to fixed-route service and decrease reliance by individuals with disabilities on complementary paratransit; or alternatives to public transportation that assist seniors and individuals with disabilities. In Iowa, areas with a population of more than 200,000 receive direct apportionments. The State administers all funding for areas under 200,000 in population. Match for the FTA funding may come from non-DOT federal funds, as well as from non-federal sources.
- Section 5311 "Formula Grants for Rural Areas Program" - These FTA funds come to Iowa on the basis of the number of Iowans who live outside urbanized areas, non-urbanized land area and low-income populations, compared to other states. The funds may be used to support the cost of transit operations or capital, planning or job access reverse commute activities in non-urbanized areas where the population is less than 50,000.

Match for the FTA funding may come from non-DOT federal funds, as well as from non-federal sources. Federal law requires that 15 percent of the funds be used for support of intercity bus projects.

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

- **Surface Transportation Block Grant (STBG):** These are federal funds that may be “flexed” to fund public transit capital projects, roadway, or trail projects with an 80 percent federal participation limit, and match required to come from non-federal sources. In Iowa, about half of these funds are programmed by local governments acting through metropolitan or regional planning agencies. When programmed for transit projects, these funds are transferred to the FTA and administered the same as Section 5307 or 5311 funds, depending on whether an urbanized or non-urbanized transit system is the project sponsor.
- **Iowa’s Clean Air Attainment Program** – This is a state program which commits federal funds to address the federal congestion mitigation and air quality program. This program allows “flexing” of funds to transit, roadways, or trails. Iowa receives a minimum allocation of these funds because it does not have any areas in violation of federal air-quality standards. These funds can be used for any purpose that STBG funds can be used for, plus certain start-up operating costs for transit and rideshare projects.

Federal participation is limited to 80 percent (including for net start-up operating costs), and match must be from non-federal sources. In Iowa, funds are programmed based on a statewide application process that selects projects based on their anticipated air quality or congestion relief benefits. When programmed for transit projects, these funds are transferred to the FTA and administered through statewide grant by the Office of Public Transit, using the rules of either the 5307 or 5311 programs, depending on whether an urbanized or non-urbanized transit system is the project sponsor.

- **Congestion Mitigation and Air Quality Improvement Program** – This is a state program which commits federal funds toward the backlog of transit revenue vehicle replacement. This program allows “flexing” of funds to transit. Iowa receives a minimum allocation of these funds because it does not have any areas in violation of federal air-quality standards. These funds can be used for any purpose that STBG funds can be used for. Federal participation is limited to 80 percent and match must be from non-federal sources. The funds are programmed based on the Public Transit Management System process that selects projects based on their useful life thresholds of miles and age. These funds are transferred to the FTA and administered through statewide grants by the Office of Public Transit, using the rules of either the 5307 or 5311 programs, depending on whether an urbanized or non-urbanized transit system is the project sponsor. In FFY 2019, the Iowa Transportation Commission allocated \$3.0 million 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 2020)	\$ 0	\$ 14,728,000	\$ 0	\$ 14,728,000
Public Transit Infrastructure Grant Program (FY 2019)	\$ 0	\$ 1,658,606	\$ 679,123	\$ 2,337,729
Intercity Bus Assistance Program (CY 2019)	\$ 1,454,220	\$ 0	\$ 5,125,042	\$ 6,579,262
Iowa’s Clean Air Attainment Program (FY 2019)	\$ 517,565	\$ 0	\$ 129,391	\$ 646,956
Congestion Mitigation and Air Quality (FFY 2019)	\$ 3,000,000	\$ 0	\$ 750,000	\$ 3,750,000
Surface Transportation Block Grant (FFY 2019)	\$ 381,766	\$ 0	\$ 137,184	\$ 518,950
FTA 5307, 5310, 5311 Formula Fund Allocations (FFY 2019)	\$ 38,777,052	\$ 0	\$ 11,582,755	\$ 50,359,807
FTA 5339 Bus and Bus Facilities Fund Allocations (FFY 2019) *	\$ 6,992,143	\$ 0	\$ 1,233,908	\$ 8,226,051
TOTALS	\$ 51,122,746	\$ 16,386,606	\$ 19,637,403	\$ 87,146,755

* Includes allocations to adjacent states for border urbanized areas. Does not include discretionary awards.

Public Transit Infrastructure Grant Program

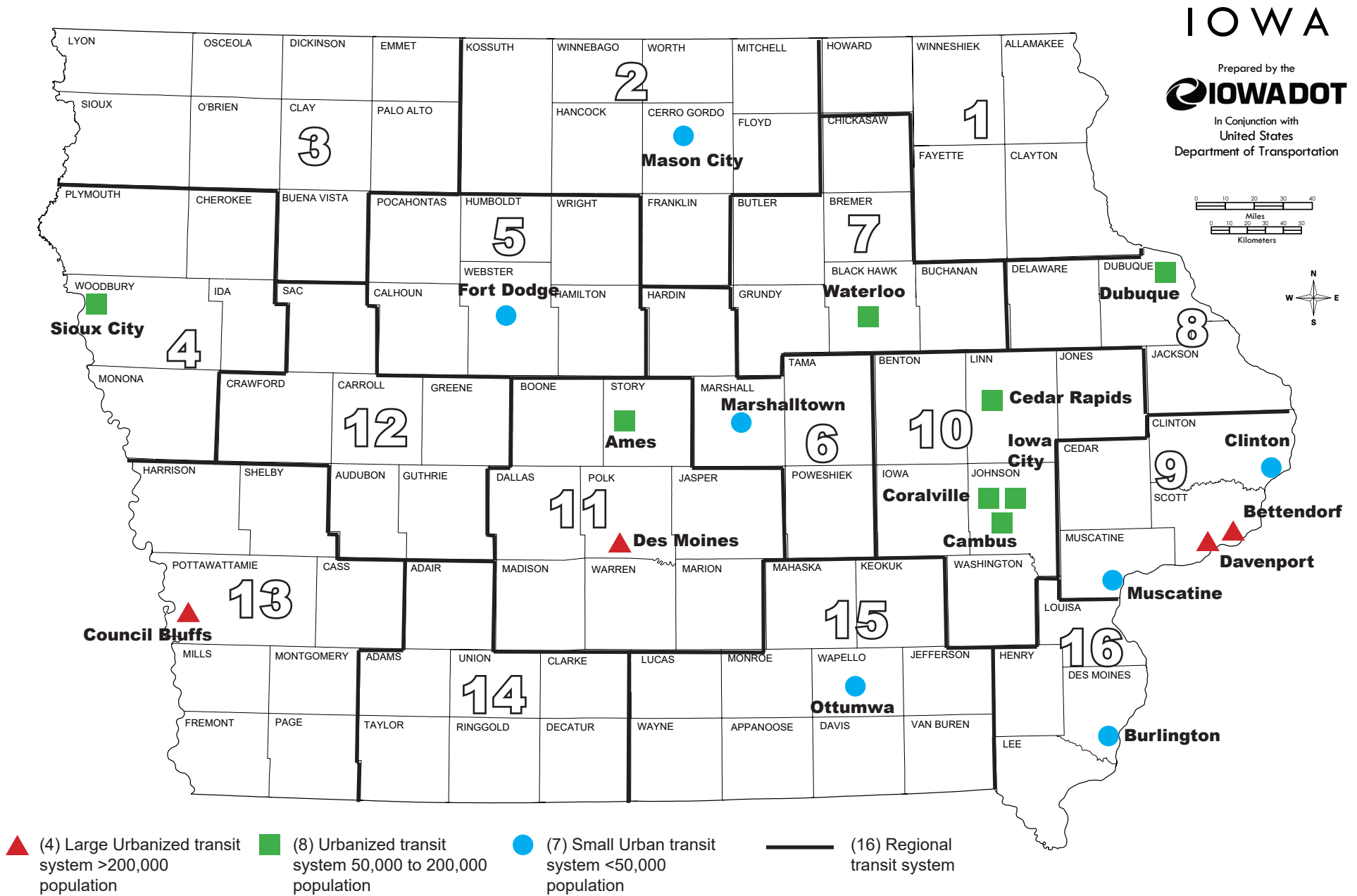
Fiscal Year 2019

Applicant	Project Description	State Infrastructure Funding
CyRide - Ames	Bush wash and HVAC system	\$ 517,042
DART - Des Moines	Update electrical distribution system	\$ 92,500
Sioux City Transit	Security camera system	\$ 195,064
Region 8 - Dubuque	New bus storage facility in Earlville	\$ 329,000
Region 15 - Ottumwa	New bus storage facility in Ottumwa	<u>\$ 525,000</u>
TOTAL		\$ 1,658,606

**Intercity Bus Assistance Program
Calendar Year 2019**

Transit System	Type	Project Description	Federal Funding
Burlington Trailways	Continuation	Operational Assistance	\$ 287,664
Burlington Trailways	Continuation	Marketing	\$ 7,500
Burlington Trailways	New	Fesability Study Des Moines Depot	\$ 40,000
Burlington Trailways	Continuation	OTR Coach	\$ 443,979
Burlington Trailways	New	Digital Repeater	\$ 8,500
Subtotal			\$ 787,643
Dubuque	Continuation	Marketing Plan	\$ 7,500
Subtotal			\$ 7,500
Jefferson Lines	Continuation	Preservation of Existing Service	\$ 154,554
Jefferson Lines	Continuation	Marketing	\$ 7,500
Jefferson Lines	New	Travel Information Center	\$ 33,800
Jefferson Lines	Continuation	OTR Coach	\$ 455,723
Subtotal			\$ 651,577
MIDAS Council of Governments	Continuation	OTR Coach	\$ 7,500
Subtotal			\$ 7,500
TOTAL			\$1,454,220

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 Iowa DOT.

A decision will be made annually if federal-aid safety funding is used to rebuild public highway-railroad crossings with higher train and vehicle traffic. Federal funds pay for 60 percent of the project cost, with the roadway jurisdiction and railroad each paying 20 percent. Projects are selected from the applicants for the state-funded surface repair program.

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

The **Railroad Revolving Loan and Grant Program** assists business and industry to improve rail infrastructure. The program helps finance, through loans and grants, construction or expansion of rail connections (e.g., sidings, switches, etc.) and railroad rehabilitation or expansion. Rail loan repayments and state appropriations fund the program. Applications may be submitted at any time and are evaluated as funding becomes available.

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

Railroad Funding Summary

Program	Federal	State	Other	Total
Federal Highway-Railroad Crossing Safety Program (FY 2020)	\$ 5,095,000	\$ 0	\$ 949,500	\$ 6,044,500
State Highway-Railroad Crossing Safety Program (maintenance) (FY 2019)	\$ 0	\$ 700,000	\$ 0	\$ 700,000
State Highway-Railroad Crossing Surface Repair Program (FY 2020)	\$ 0	\$ 901,145	\$ 600,763	\$ 1,501,907
State Primary Highway-Railroad Crossings Program (FY 2019)	\$ 0	\$ 500,000	\$ 0	\$ 500,000
Railroad Revolving Loan and Grant Program (FY 2019)	\$ 0	\$ 3,186,863	\$ 10,033,642.50	\$ 13,220,505.50
TOTALS	\$ 5,095,000	\$ 5,288,008	\$ 11,583,905.50	\$ 21,966,913.50

Federal Highway-Railroad Crossing Safety Program

Federal Fiscal Year 2018 Accomplishment Program Candidates

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

TOTAL	\$ 7,750,000
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* HA = Highway Authority

Federal Highway-Railroad Crossing Safety Program

Federal Fiscal Year 2019 Accomplishment Program Candidates

Federal ID#	Applicant*	Railroad	Highway Jurisdiction	Road Location	Present Warning Device	Type of Improvement	B/C Ratio	Federal Funds
876035W	UP	UP	Polk County	NE. 150th Avenue	Signals	Signals w/gate arms	3.4	\$ 225,000
385271U	DME	DME	Lawler	Benz	Crossbucks	Signals w/gate arms	2.2	\$ 247,500
385270M	DME	DME	Lawler	Depot Street	Crossbucks	Signals w/gate arms	2.2	\$ 247,500
605729D	UP	UP	Warren County	190th Avenue	Crossbucks	Signals w/gate arms	2.1	\$ 225,000
191357P	UP / Sioux City	UP	Sioux City	Dace Avenue	Signals	Signals w/gate arms	2.0	\$ 202,500
385273H	DME	DME	Lawler	Lincoln Street	Crossbucks	Signals w/gate arms	1.7	\$ 202,500
380010C	DME	DME	Mason City	N. Kentucky Street	Signals	Signals w/gate arms	0.9	\$ 202,500
385516H	DME	DME	Clear Lake	Buddy Holly Place	Signals	Signals w/gate arms	0.8	\$ 247,500
385563R	DME	DME	Britt	Main Avenue N.	Signals	Signals w/gate arms	0.8	\$ 270,000
385179U	DME	DME	Postville	Lybrand Street	Signals	Signals w/gate arms	0.7	\$ 202,500
382078X	BNSF / Sioux City	BNSF	Sioux City	Military Road	Signals	Signals w/gate arms	0.7	\$ 315,000
307688E	UP / Sioux City	UP	Sioux City	41st Street	Signals	Signals w/gate arms	0.7	\$ 270,000
379989X	DME	DME	Mason City	E. State Street	Signals	Signals w/gate arms	0.7	\$ 202,500
385628G	DME	DME	IDOT	IA 15	Signals	Signals w/gate arms	0.6	\$ 202,500
385775U	DME	DME	Sheldon	Washington Avenue	Signals	Signals w/gate arms	0.6	\$ 202,500
385487A	DME	DME	Mason City	S. Carolina Avenue	Signals	Signals w/gate arms	0.6	\$ 202,500
385193P	DME	DME	IDOT	US 52	Signals w/gate arms	Constant Warning	0.6	\$ 202,500
196994L	UP	UP	Story City	Broad Street	Signals	Signals w/gate arms	0.6	\$ 247,500
385749E	DME	DME	Obrien County	Vine Avenue	Signals	Signals w/gate arms	0.6	\$ 202,500
385247T	DME	DME	Fort Atkinson	4th Street NW.	Signals	Signals w/gate arms	0.6	\$ 202,500
385485L	DME	DME	Mason City	S. Virginia Avenue	Signals	Signals w/gate arms	0.5	\$ 202,500
382076J	BNSF / Sioux City	BNSF	Sioux City	W. 19th Street	Signals	Signals w/gate arms	0.5	\$ 270,000
196614C	UP / Pocahontas Co.	UP	Pocahontas County	140th Avenue	Crossbucks	Signals w/gate arms	0.5	\$ 202,500
191314W	UP / Sioux City	UP	Sioux City	Harbor Drive	Crossbucks	Signals w/gate arms	0.5	\$ 225,000
385223E	Winneshiek County	DME	Winneshiek County	155th Street	Crossbucks	Signals w/gate arms	0.4	\$ 162,000
385203T	Winneshiek County	DME	Winneshiek County	123rd Street	Crossbucks	Signals w/gate arms	0.4	\$ 162,000
195940C	Woolstock	UP	Woolstock	Neville Street	Crossbucks	Signals w/gate arms	0.4	\$ 180,000
192750N	UP	UP	IDOT	US 6	Signals	Signals w/gate arms	0.4	\$ 202,500
064048E	BNSF / Sioux City	BNSF	Sioux City	Dace Avenue	Signals	Signals w/gate arms	0.4	\$ 216,000
376192J	DME	DME	Harpers Ferry	Chestnut Street	Signals	Signals w/gate arms	0.4	\$ 202,500
196421D	UP	UP	IDOT	US 69	Signals	Signals w/gate arms	0.4	\$ 189,000
195946T	Kossuth County	UP	Kossuth County	190th Avenue	Crossbucks	Signals w/gate arms	0.4	\$ 198,000
097457N	BNSF / Sioux Center	BNSF	Sioux Center	20th Street SW.	Signals	Signals w/gate arms	0.4	\$ 180,000
196916E	Laurens	UP	Laurens	East Street	Crossbucks	Signals w/gate arms	0.3	\$ 180,000
876110F	UP	UP	Hardin County	County Road D47	Signals	Signals w/gate arms	0.3	\$ 189,000
604460X	UP	UP	Corydon	Dekalb Street	Signals	Signals w/gate arms	0.3	\$ 220,500
196581S	UP	UP	IDOT	IA 3	Signals	Signals w/gate arms	0.3	\$ 247,500
911768L	UP	UP	Plymouth County	County Road C70	Signals	Signals w/gate arms	0.3	\$ 180,000
067326D	BNSF	BNSF	Plymouth County	County Road C70	Signals	Signals w/gate arms	0.3	\$ 225,000
876195K	UP	UP	Cerro Gordo County	210th Street	Signals	Signals w/gate arms	0.3	\$ 189,000

TOTAL

\$ 8,545,500

* HA = Highway Authority

Federal Highway-Railroad Crossing Safety Program Federal Fiscal Year 2020 Accomplishment Program Candidates

Federal ID#	Applicant*	Railroad	Highway Jurisdiction	Road Location	Present Warning Device	Type of Improvement	B/C Ratio	Federal Funds
190587M	UP	UP	Tama County	V Avenue	Crossbucks	Signals w/gate arms	2.8	\$ 350,000
840206T	CRANDIC	CRANDIC	Cedar Rapids	Bowling Street	Flashing lights	Signals w/gate arms	2.8	\$ 150,000
608576M	UP	UP	Iowa DOT	HWY IA 9	Flashing lights	Signals w/gate arms	2.3	\$ 230,000
603326H	IAIS	IAIS	West Des Moines	S 88th Street	Crossbucks	Signals w/gate arms	2.3	\$ 325,000
385710B	DME	DME	Spencer	4 Avenue East	Crossbucks	Signals w/gate arms	2.1	\$ 275,000
191082J	Harrison County	UP	Harrison County	Kermit Place	Crossbucks	Signals w/gate arms	1.9	\$ 350,000
608101V	UP	UP	Estherville	N 2nd Street	Crossbucks	Signals w/gate arms	1.5	\$ 250,000
201768B	UP	UP	Webster County	260th Street	Crossbucks	Signals w/gate arms	1.5	\$ 250,000
063404U	BNSF	BNSF	Knoxville	Lincoln Street / IA 14	Signals w/gate arms	Constant Warning	1.3	\$ 500,000
385243R	Winneshiek County	DME	Winneshiek County	266th Avenue	Crossbucks	Signals w/gate arms	1.1	\$ 250,000
307841T	CN	CN	Cedar Rapids	28th Street NE	Cantilevers w/ Lights	Signals w/gate arms & Constant Warning	1.1	\$ 300,000
307845V	Cedar Rapids	CCP	Cedar Rapids	H Avenue	Flashing lights	Constant Warning	1	\$ 450,000
307013D	CCP	CCP	Earlville	S Wine Street	Flashing lights	Signals w/gate arms	0.9	\$ 230,000
074505L	BNSF	BNSF	Iowa DOT	IA 133	Signals w/gate arms	Constant Warning	0.8	\$ 360,000
376125P	DME	DME	Dubuque	E 14th Street	Flashing lights	Signals w/gate arms	0.7	\$ 225,000
307541E	Aurelia	CCP	Aurelia	W 3rd Street	Crossbucks	Signals w/gate arms	0.6	\$ 200,000
196993E	Story City/UP	UP	Story City	Washington Street	Crossbucks	Signals w/gate arms	0.3	\$ 400,000
TOTAL								\$ 5,095,000

* HA = Highway Authority

**State Highway-Railroad Crossing Surface Repair Program
Fiscal Year 2019**

County	Federal ID#	Railroad	Highway Jurisdiction	Road Location	State Surface Repair Fund (60%)
Black Hawk	307189N	CCP	Cedar Falls	Center Street	\$ 83,812.20
Linn	307802C	CCP	Linn County	Central City Road E-16	\$ 65,400.00
Linn	307805X	CCP	Linn County	Central City Road E-16	\$ 74,400.00
Linn	307840L	CCP	Cedar Rapids	McCloud Place NE	\$ 58,200.00
Buena Vista	307503V	CCP	Storm Lake	Oneida Street	\$ 80,400.00
Buena Vista	307505J	CCP	Storm Lake	Cayuga Street	\$ 60,600.00
Buena Vista	307512U	CCP	Storm Lake	West 5th Street	\$ 128,400.00
Lyon	082328E	BNSF	Lyon County	Clinton Street	\$ 55,327.80
Clarke	074070U	BNSF	City of Osceola	South Ridge Road	\$ 57,600.00
Clarke	074050H	BNSF	City of Osceola	240th Avenue	\$ 57,600.00
O'Brien	385769R	DME	O'Brien County	L40/ Oriole Avenue	\$ 40,590.00
Wright	197025R	UP	City of Goldfield	East Cedar Street	\$ 75,000.00
Black Hawk	200782T	UP	City of Waterloo	Franklin Street	\$ 71,794.20
TOTAL					\$ 909,124.20

**State Highway-Railroad Crossing Surface Repair Program
Fiscal Year 2020**

County	Federal ID#	Railroad	Highway Jurisdiction	Road Location	State Surface Repair Fund (60%)
Black Hawk	307177U	CCP	Waterloo	Wagner Road	\$ 71,400.00
Buchanan	307064N	CCP	Buchanan County	Nathan Bethel Avenue	\$ 51,600.00
Black Hawk	307112B	CCP	Waterloo	Osage Avenue	\$123,000.00
Buchanan	307075B	CCP	Buchanan County	Golf Course Blvd.	\$ 51,600.00
Black Hawk	307181J	CCP	Waterloo	Airport Blvd.	\$ 82,200.00
Plymouth	307671B	UP	Hinton	Main Street	\$ 54,183.60
Plymouth	067334V	BNSF	Hinton	Main Street	\$ 79,517.00
Plymouth	307671B	Central Valley AG	Hinton	Main Street	\$ 54,183.60
Plymouth	067334V	Central Valley AG	Hinton	Main Street	\$ 50,792.40
Lyon	082328E	Lester Feed & Grain	Lyon County	Clinton Street	\$ 55,327.80
Linn	376717A	CIC	Cedar Rapids	1st Street SW	\$147,900.00
Clay	385696H	MaxYield Coop	City of Dickens	Main Street	\$ 39,720.00
Clay	385696H	CP	City of Dickens	Main Street	\$ 39,720.00
TOTAL					\$ 901,144.40

Railroad Revolving Loan and Grant Program
Fiscal Year 2019

Applicant	Project Location	Award Grant	Award Loan	Award Total
<u>Targeted job creation projects</u>				
Heartland Goodwill Enterprises	Coralville, Iowa	\$ 48,000	\$ 462,456	\$ 510,456
UP Rail Improvements at Quaker Oats	Cedar Rapids, Iowa	\$ 1,028,000	\$ 0	\$ 1,028,000
Pattison Sand Company Phase III	Clayton, Iowa	\$ 564,000	\$ 271,732	\$ 835,732
<u>Rail network improvement projects</u>				
Farmers Feed and Grain Improvement	Charles City, Iowa	\$ 0	\$ 660,750	\$ 660,750
KJRY Yard Enhancement	Keokuk, Iowa	\$ 0	\$ 151,925	\$ 151,925
TOTAL		\$ 1,640,000	\$ 1,546,863	\$ 3,186,863

Linking Iowa's Freight Transportation System (LIFTS) Program
Fiscal Year 2019

Project Title	Awarded Amount
Moravia Rail Propane	\$ 497,000
Garner Industry Track	\$ 1,112,068
KJRY Yard Expansion	\$ 222,851
CP Unit Train Haul Road Bridge	\$ 513,012
Cerro Gordo - Liquid Transload	\$ 184,000
TOTAL	\$ 2,528,931

Railroad Projects 2019 & 2020

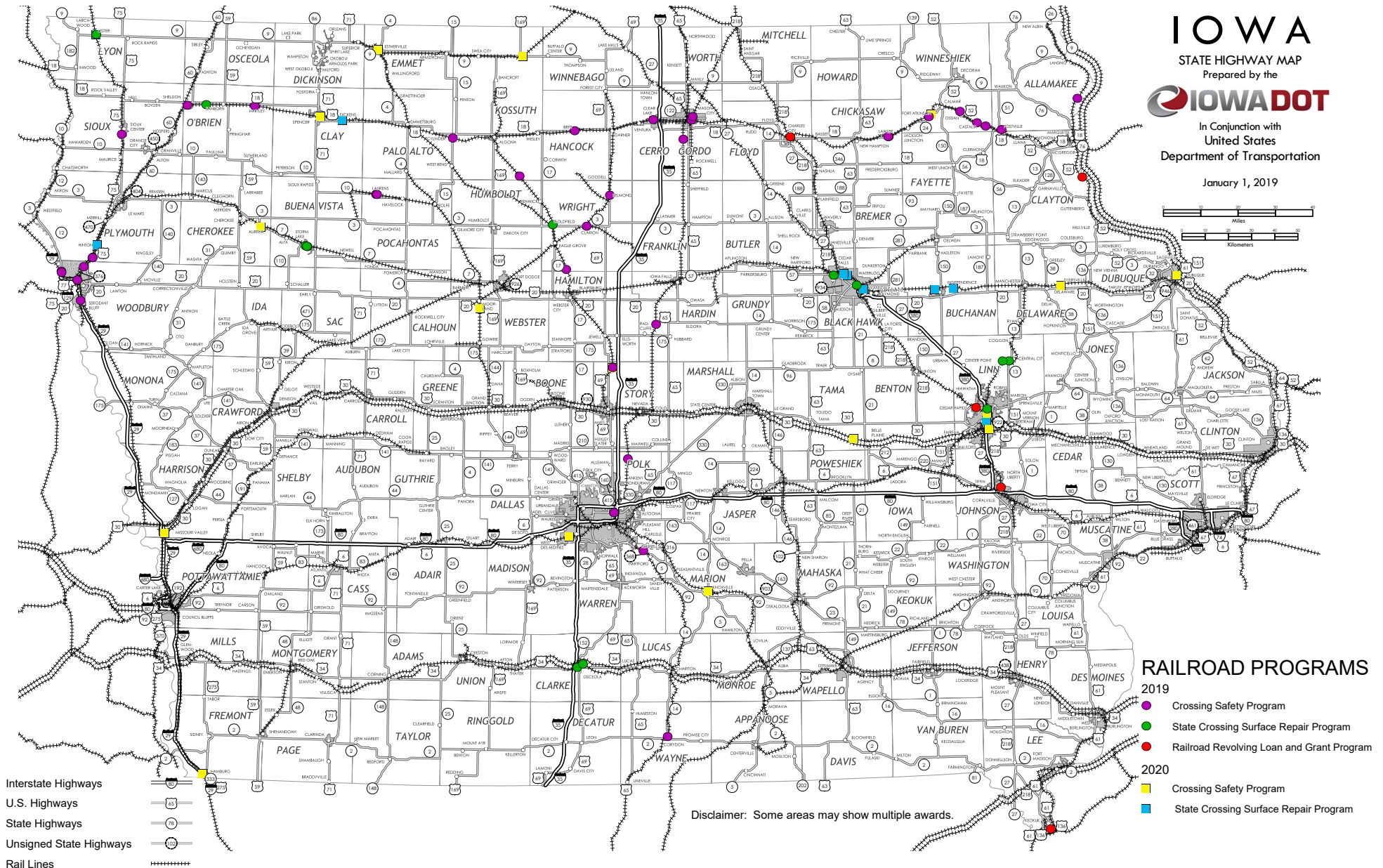
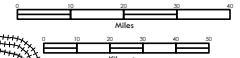
IOWA

STATE HIGHWAY MAP
Prepared by the



In Conjunction with
United States
Department of Transportation

January 1, 2019



RAILROAD PROGRAMS

- 2019**
- Crossing Safety Program
 - State Crossing Surface Repair Program
 - Railroad Revolving Loan and Grant Program
- 2020**
- Crossing Safety Program
 - State Crossing Surface Repair Program



State and Federal Trails Programs

State Recreational Trails Program

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

- The project must be part of a local, area-wide, regional or statewide plan.
- The trail route must be designed to allow enjoyment of scenic views, or points of historical interest, and maximize safety.
- The project must include a contribution of at least 25 percent matching funds from other sources.
-

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

Applications are evaluated primarily using the following criteria.

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

Thirty-nine applications were received by the July 1, 2018, deadline. The applications represented total project costs of \$39,874,565 with \$11,450,989 requested from the State Recreational Trails Program. Five projects were approved by the Commission for a total state commitment of \$1,309,100. The total cost for the approved projects is estimated to be \$3,969,840.

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 2019)	\$ 0	\$ 1,309,100	\$2,660,740	\$3,969,840

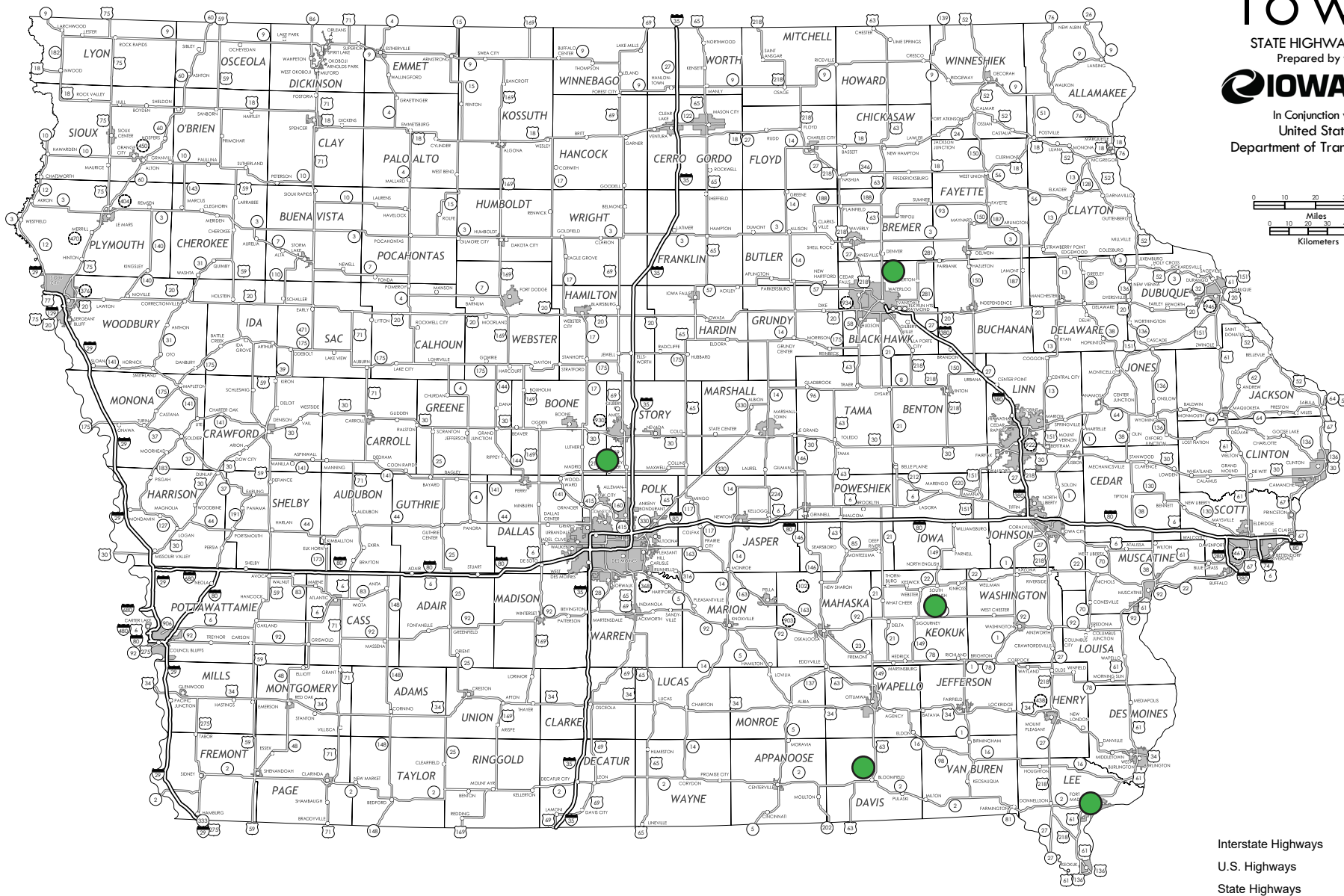
State Recreational Trails Projects Fiscal Year 2019

Sponsor	Project Title	Awarded Amount
Davis County and Davis County Trails Council	Davis County Regional Trail Construction - Phase 3	\$ 230,000
Keokuk County and Keokuk County Highway Department	Lake Belva Deer Trail - Phase 3	\$ 328,000
Black Hawk County Conservation Board	Cedar Valley Nature Trail Wolf Creek Bridge Replacement	\$ 360,000
Story County Conservation Board	Heart of Iowa Nature Trail - Slater to Huxley Hard Surfacing and Trail Improvements	\$ 300,000
Fort Madison	Connecting Fort Madison! Phase 3 - Community Hospital Connector	\$ 91,100
TOTAL		\$ 1,309,100

State Recreational Trails Projects

Fiscal Year 2019

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



Federal Recreational Trails Program

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

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

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

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

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

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

Iowa has established a minimum \$5,000 grant amount. Iowa does not have a maximum allowable grant amount. The maximum federal share for each project is 80 percent. The remaining amount may come from federal, state, local or private funding sources. Other select federal funding sources may be used as matching funds. In-kind materials and services may also be permitted toward the project match.

Thirty-nine nonmotorized and two motorized applications were received by the December 1, 2018, deadline. The applications represented total project costs of \$33,721,763, with \$14,154,302, requested from the Federal Recreational Trails Program. Ten projects were approved by the Commission for a total commitment of \$3,195,880. The total cost for the approved projects is estimated to be \$6,574,305.

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 2020)	\$3,195,880	\$ 0	\$3,378,425	\$6,574,305

**Federal Recreational Trails Projects
Federal Fiscal Year 2020**

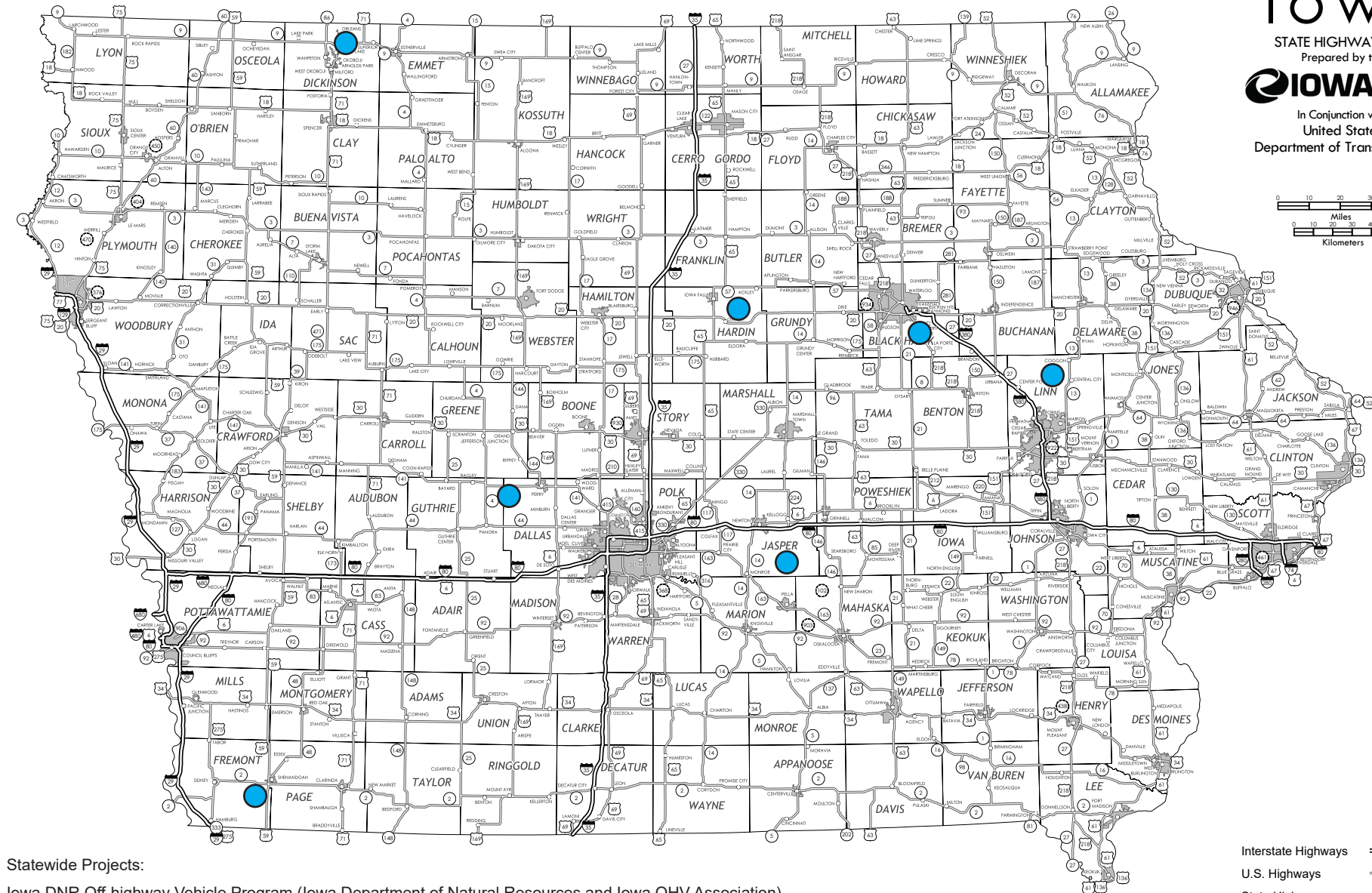
Sponsor	Project Title	Awarded Amount
Iowa State Snowmobile Association	Snow Grooming Equipment	\$ 224,000
Iowa Department of Natural Resources and Iowa OHV Association	Iowa DNR Off-Highway Vehicle Program	\$ 213,812
Iowa Department of Transportation	Support for Program and Bicycle Summit	\$ 7,000
Dallas County Conservation Board	Raccoon River Valley Trail to High Trestle Trail Connector Phase II Construction	\$ 322,208
Jasper County Conservation Board	Red Rock Prairie Trail-Phase I	\$ 531,400
Hardin County	Iowa River Trail-Phase 1C Hardin County Paving	\$ 425,000
Linn County Conservation Board	Cedar Valley Nature Trail-Phase 5	\$ 650,000
Farragut	Admiral Trail-Bridge Rehabilitation and Phase 1 Paving	\$ 380,160
Black Hawk County Conservation Board	Cedar Valley Nature Trail Reconstruction	\$ 129,000
Dickinson County	Resurfacing and Renovation of the Iowa Great Lakes Spine Trail	\$ 313,300
TOTAL		\$ 3,195,880

Federal Recreational Trails Projects

Federal Fiscal Year 2020

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

0 10 20 30 40
Miles
0 10 20 30 40
Kilometers



Statewide Projects:

- Iowa DNR Off-highway Vehicle Program (Iowa Department of Natural Resources and Iowa OHV Association)
- Support for Program and Bicycle Summit (Iowa Department of Transportation)
- Snow Grooming Equipment (Iowa State Snowmobile Association)

Interstate Highways
U.S. Highways
State Highways

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

Revitalize Iowa's Sound Economy (RISE)

The RISE Fund was created in 1985 to promote economic development in Iowa through construction or improvement of roads and streets. The fund is designed to target value-adding activities, provide maximum economic benefits, emphasize local involvement and initiative, and address situations requiring an immediate response and commitment of funds. RISE currently receives approximately \$42 million annually. City and county governments can apply for the city and secondary road RISE funds. Primary road RISE funds are deposited in the Primary Road Fund for use on the Commercial and Industrial Network.

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

RISE funding assists the efforts of local communities to attract industries to Iowa, as well as expand existing ones. Since its beginning, RISE has assisted in creating or retaining more than 84,968 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 10 projects awarded funding during FY 2018 is included on the following pages.

Annual Report - This summary also serves as the annual report required by 761 Iowa Administrative Code section 163.3(4). The following table documents the amount of RISE funding awarded/programmed in FY 2018, 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 2018 RISE Funding

	Amount Awarded/ Programmed	Annual Revenue	Percent of Annual Revenue Awarded/ Programmed
Primary Roads	\$23,941,336.46	\$23,941,336.46	100%
City Streets	\$ 4,958,077.00	\$11,970,668.23	41%
Secondary Roads	\$ 1,889,544.00	\$ 5,985,334.13	32%

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 2018

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
North Liberty	Insurance	\$ 3,070,000	\$ 4,717,250	34.92%	307	\$ 11,939,340	8/8/2017
Wright County	Nutrient recovery facility	\$ 144,000	\$ 604,013	76.16%	12	\$ 25,284,013	3/13/2018
Totals -- 2 Approved Projects		\$ 3,214,000	\$ 5,321,263		319	\$ 37,223,353	
Averages -- 2 Approved Projects		\$ 1,607,000	\$ 2,660,632		160	\$ 18,611,677	

RISE Fund Local Development Projects Fiscal Year 2018

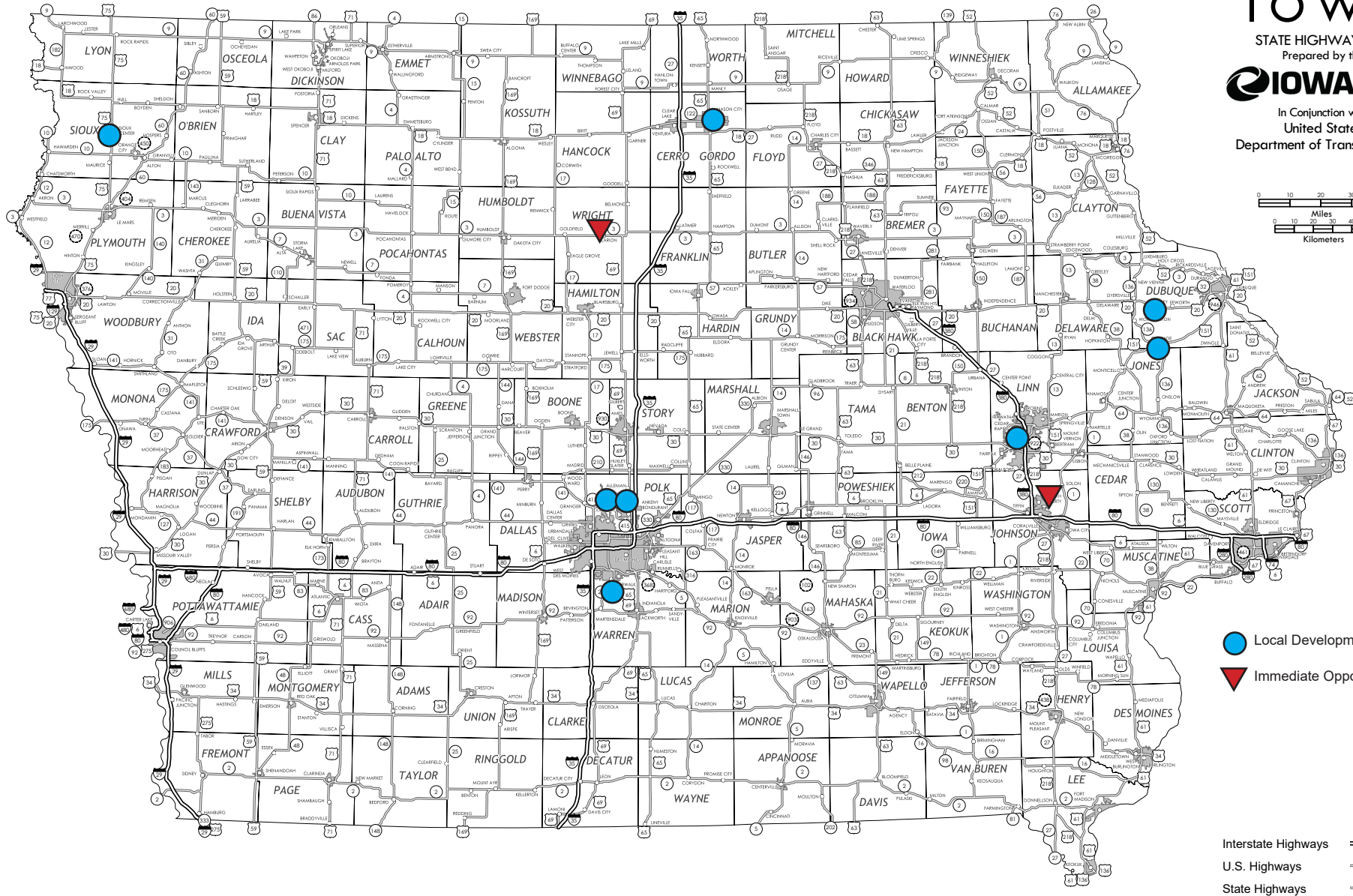
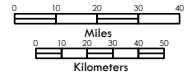
Applicant Name	Cycle		Business Type Involved	RISE Funds Approved	Total Road Project Cost	Percent of Non-RISE Participation	Jobs Assisted	Total Capital Investment (Non-RISE)	Date of Commission Approval
Ankeny	September	2017	Office, wareh, light ind, airport	\$ 435,225	\$ 870,450	50%	0	\$ 699,645	10/10/2017
Ankeny	September	2017	light ind, manuf, prof office	\$ 651,446	\$1,302,892	50%	0	\$ 1,256,446	11/14/2017
Cascade	September	2017	Industrial Area	\$ 93,750	\$ 187,500	50%	0	\$ 225,000	10/10/2017
Cedar Rapids	September	2017	Light Industrial	\$ 546,707	\$1,093,413	50%	0	\$ 846,706	12/12/2017
Farley	September	2017	Industrial/Manufacturing	\$ 333,478	\$ 666,956	50%	0	\$ 906,768	10/10/2017
Mason City	September	2017	Industrial Area	\$1,126,875	\$2,253,750	50%	35	\$49,626,875	9/19/2017
Norwalk	February	2018	Industrial Area	\$ 188,291	\$ 188,291	40%	168	\$12,417,432	4/10/2018
Sioux Center	February	2018	Industrial Area	\$ 257,849	\$ 515,698	50%	0	\$10,750,849	4/10/2018
Totals -- 8 Approved Projects				\$ 3,633,621	\$ 7,078,950		203	\$ 76,729,721	
Averages -- 8 Approved Projects				\$ 454,203	\$ 884,869		25	\$ 9,591,215	

Footnotes:

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

RISE Fund Projects Fiscal Year 2018

IOWA
STATE HIGHWAY MAP
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A large, light gray, stylized swirl or ribbon-like graphic that loops around the central text, creating a sense of motion and flow.

Iowa Statewide Transportation Alternatives Program

Iowa Statewide Transportation Alternatives Program

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Applicants must provide a commitment of at least 20 percent of eligible costs. Federal funds cannot be used as matching funds, unless expressly permitted by law. State funds are eligible for use as a match.

Five applications were received by the October 1, 2018, deadline. The applications represented total project costs of \$1,986,328, with \$1,267,217 requested from the Statewide Transportation Alternatives Program. Three projects were approved by the Commission for a total commitment of \$849,404. The total cost for the approved projects is estimated to be \$1,411,062.

For additional information, visit the Iowa DOT's Office of Systems Planning website at www.iowadot.gov/systems_planning/grant-programs/transportation-alternatives.

**Iowa Statewide Transportation Alternatives Program Projects
Federal Fiscal Year 2020**

Sponsor	Project Title	Awarded Amount
Iowa Northland Regional Council of Governments and Upper Explorerland Regional Planning Commission	Iowa Safe Routes to School Partnership	\$ 203,294
UNI Integrated Roadside Vegetation Management	UNI Integrated Roadside Vegetation Management	\$ 566,110
Iowa Department of Transportation	Urban Youth Corps	\$ 80,000
TOTAL		\$ 849,404

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

Iowa's Clean Air Attainment Program (ICAAP)

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

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

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

Eligibility - Iowa's program funds may be used anywhere in the state for any activity eligible under the Surface Transportation Block Grant Program, as described in Section 133(b) of Title 23, U.S. Code, or the Congestion Mitigation and Air Quality Program, as indicated in Section 149(b) of Title 23, U.S. Code. To be eligible for Iowa program funds, the project should fit into one or more of the following categories:

Traffic Flow Improvements

- Highway and street projects that improve air quality or reduce congestion

Shared-Ride Services

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

Transit Improvements

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

Travel Demand-Management Strategies

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

Pedestrian and Bicycle Programs

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

Vehicle Inspection and Maintenance Programs

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

Other Projects and Programs

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

Transportation Control Measures

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

Transportation Activities in the State Implementation Plan

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

Program Administration - Iowa's program administration, project application process and eligibility determination are coordinated by the Iowa DOT's Office of Systems Planning. A project evaluation committee evaluates and ranks projects. The 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 Office of Systems Planning submits project funding recommendations to the Commission for approval. The Commission has final project selection authority.

Fifteen applications were received by the October 1, 2018, deadline. The applications represented total project costs of \$24,365,688, with \$8,136,289 requested from ICAAP. Six projects were approved by the Commission for a total commitment of \$4,000,000. The total cost for the approved projects is estimated to be \$7,652,211.

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.

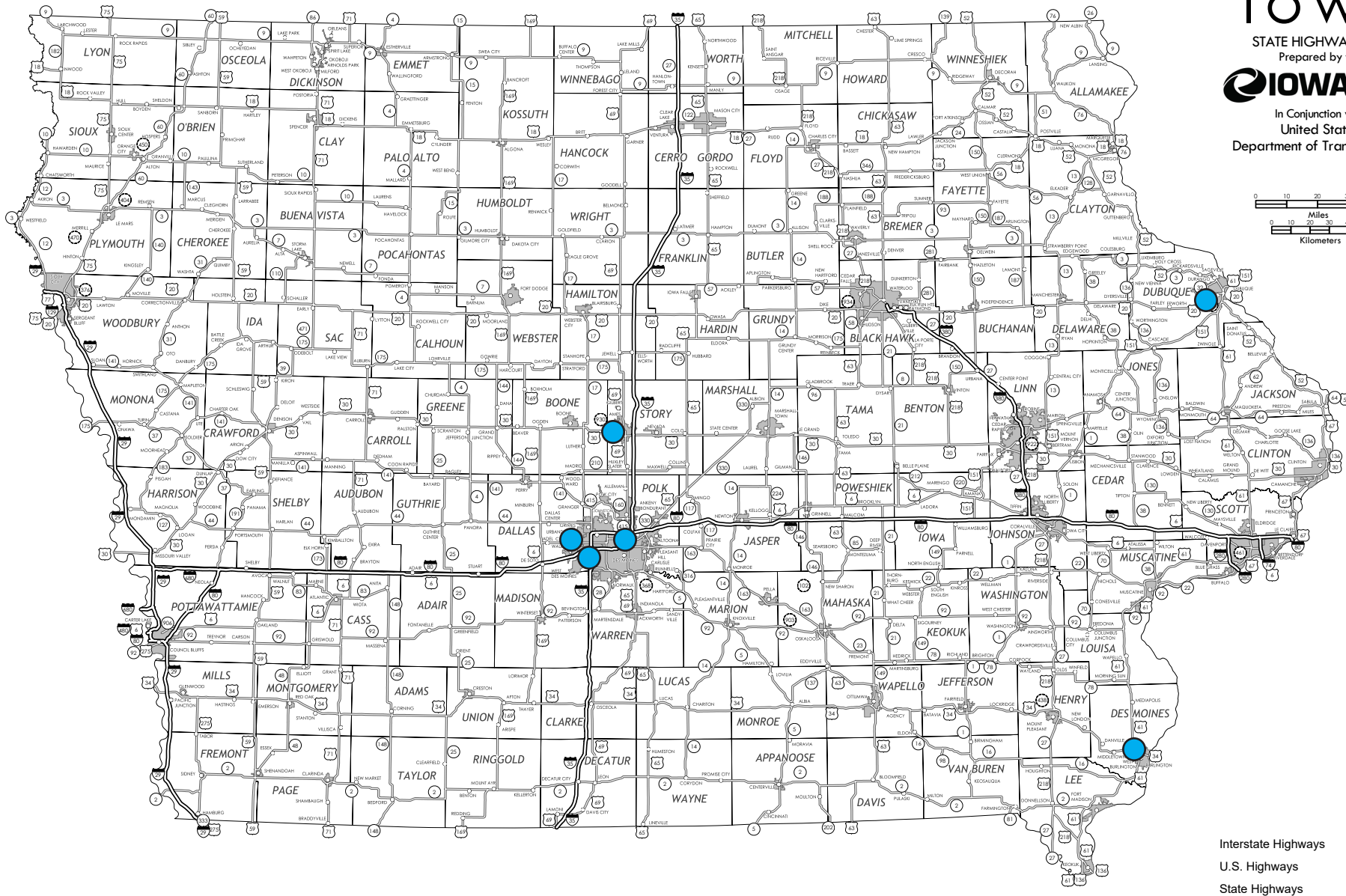
**Iowa's Clean Air Attainment Program Projects
Federal Fiscal Year 2020**

Sponsor	Project Title	Awarded Amount
West Des Moines	Adaptive Traffic Signal Control System Expansion	\$ 328,320
Dubuque	Smart Traffic Routing with Efficient and Effective Traffic Signals (STREETS)	\$ 818,250
Ames Transit Agency	West Ames Changes: (New Expansion Route #12 Lilac & Bus; Added frequency (#1 Red, #11 Cherry, #7 Purple)	\$ 702,848
Des Moines Area Regional Transit Authority	Euclid/Douglas Avenue Crosstown (Route 50) Year 2	\$ 314,995
Waukee	Traffic Signal Enhancements Project	\$ 1,075,000
Burlington	U.S. Highway 61 (Roosevelt Avenue) Traffic Signal Control Systems Upgrades and Fiber Network Improvements	\$ 760,587
TOTAL		\$ 4,000,000

Iowa's Clean Air Attainment Program Projects

Federal Fiscal Year 2020

IOWA
STATE HIGHWAY MAP
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Traffic Safety Improvement Program

Traffic Safety Improvement Program

Traffic Safety Improvement Program funds can be used for traffic safety improvements or studies on public roads under county, city or state jurisdiction. Projects can be initiated by any incorporated city, county, or the Iowa DOT. The program is administered by the Iowa DOT, with funding of about \$7 million per year.

Three separate funding categories are available:

1. Construction or Improvement of Traffic Operations at a Specific Site -

Eligible projects for construction or improvement of traffic operations at a specific site include the following:

- Road modernization, upgrading, or reconstruction
- Bridge and culvert modernization, replacement, or removal
- Road intersection and interchange improvement, including channelization, traffic control devices, and lighting
- Right-of-way required for a traffic safety project
- Drainage and erosion control measures that are an integral part of the project
- Traffic control devices required by the project
- Guardrail
- Tree removal
- Other construction activities directly related to or required by the safety project

2. Purchase of Materials for Installation of New or Replacement of

Obsolete Traffic Control Devices - Costs of materials purchased for the initial installation of traffic control devices or replacement of obsolete traffic control devices to comply with the applicable warrants in the *Manual on Uniform Traffic Control Devices* are eligible for funding.

3. Transportation Safety Research, Studies or Public Information

Initiatives - Funding is available for research, studies and public information initiatives relating to traffic safety, which can include:

- Research addressing traffic safety concerns
- Studies to address remedies for traffic operations safety at a specific location
- Public information initiatives to emphasize traffic safety

The maximum traffic safety funding for a site-specific project shall not exceed \$500,000, and total funding allotted for traffic control materials cannot exceed

\$500,000 annually. Total funding allotted for all research, studies and public information initiatives shall not exceed \$500,000 annually.

Applications for FY 2020 funding consideration were due August 15, 2018. Fifty-two applications were submitted requesting \$9,771,050 in safety funding. Twenty-two of the applications requested site-specific funding, thirteen requested traffic control device funding, and seventeen requested funding for research, studies, and public information initiatives. On December 11, 2018, the Commission approved funding for 44 projects totaling \$7,930,800 in Traffic Safety Improvement Program funding. A list of the approved projects is shown on the following pages.

Traffic and Safety Information and Services - Applications for funding consideration for FY 2021 will be due by August 15, 2019. Application forms or further information concerning the Traffic Safety Improvement Program may be obtained by visiting the program's website at www.iowadot.gov/traffic/traffic-and-safety-programs/tsip/tsip-program.

Traffic Safety Improvement Program Projects Fiscal Year 2020

Applicant	Location	Improvement	Funding Category	Approved Amount
City of Solon	Hwy 1 & 5th Street	Widening of east leg, new ADA curb ramps, and traffic signals	Site	\$217,000
Black Hawk County	C-57 Cedar Wapsi Rd	Pavement Widening & Resurfacing, Paved shoulder, Shoulder Rumble Strips and 6" Edgeline Markings	Site	\$286,000
City of Fairfield	Burlington Ave at Ninth St	Pedestrian crosswalk improvements	Site	\$66,000
Des Moines County	Iowa City Road	Pave Granular Rd, add paved shoulder, shoulder rumble strips and 6" edgeline	Site	\$355,000
Buchanan County	D-16 Otterville Blvd	Pave shoulders, place centerline and shoulder rumble strips	Site	\$268,600
District 1	IA 44 at Co Rd R30	Add left turn lanes to EB & WB IA 44 and offset right turn lanes	Site	\$500,000
City of Clinton	North 3rd Street / US 67	Convert existing 4-lane roadway to a 3-lane roadway	Site	\$486,000
City of Ankeny	West 1st Street	Adding TWLTL and transition to dedicated left turn lanes	Site	\$500,000
Fayette County	W51 - Cedar Rd and Canoe Rd	Paved Shoulders, shoulder rumbles, centerline rumbles, and safety edge	Site	\$430,600
District 2	IA 116/ 4th Ave in Waverly	Reconstruct 2-lane to and widen to 3-lane road	Site	\$300,000
District 2	US 18 at Co Rd T38	Construct offset right turn lanes on US 18	Site	\$249,600
City of Marion	10th St	construct a mini-roundabout	Site	\$293,000
District 1	IA 160 / SW Oralabor Rd at DMACC Blvd	Widening SW Oralabor Road (IA 160) to the north to provide space for a second dedicated eastbound left turn lane, modifying the existing raised medians as needed, modifying the traffic signals to accommodate the new dual eastbound left turn lane and pavement widening, and modifying the trail and sidewalk connections to the intersection.	Site	\$165,000
City of Knoxville	IA 14	4-lane to 3-lane conversion	Site	\$500,000
Montgomery County	H34	Pavement widening, paved shoulders with safety edge and rumble strips and centerline rumble strip	Site	\$500,000
City of Cedar Rapids	US 151 at Dean Rd SW	Install Roundabout	Site	\$500,000
Cities of Clive & Urbandale	US 6 at NW 128th St	Widening US 6 to six lanes and constructing dual left turn and single right turn lanes on each approach to the intersection	Site	\$500,000
City of Waterloo	Ridgeway Ave at Greyhound Drive	Installing Traffic Signals and Right Turn Lane	Site	\$310,000

Traffic Safety Improvement Program Projects Fiscal Year 2020 (continued)

Applicant	Location	Improvement	Funding Category	Approved Amount
District 2/City of Waverly	IA 3 at 10th Ave SW	Install traffic signals and interconnected advanced warning flashing beacons	Site	\$300,000
City of Dubuque	Citywide	Implementation of STREETS will require improvements to existing signal systems and ITS infrastructure to meet the operational requirements of the system	Site	\$100,000
City of Spencer	Intersection of US18/71 and 18th Street	Replace existing signal poles & controller, adding APS pedestrian push buttons & pedestrian indicators	TCD	\$0
Clinton County	County Secondary Road locations	To replace the use of flaggers on road projects	TCD	\$60,000
Webster County	County Secondary Road locations	To replace flagging operations using personnel in an effort to provide safer work zones	TCD	\$60,000
Iowa DOT Traffic Engineering	Statewide	Sign Replacement Program	TCD	\$100,000
City of Council Bluffs	19 intersections	Convert 5-section signal heads with green permissive arrow to 4-section signal heads with flashing yellow arrow	TCD	\$50,000
Washington, Keokuk & Henry Counties	Throughout Counties	Purchase of Portable Temporary Traffic Signals	TCD	\$60,000
City of Griswold	Intersection of Hwy 48 and Whitney St, North st from Madison to school	MUTCD compliant pedestrian crossing signal and pavement markings	TCD	\$8,000
Monroe County	Multiple Locations	Purchase of Portable Temporary Traffic Signals	TCD	\$60,000

Applicant	Location/Description	Funding Category	Approved Amount
Iowa DOT Traffic Safety	Data-Driven Identification of Candidates for Operational Improvement	Studies	\$80,000
Iowa DOT Systems Planning	Non-motorized traffic monitoring: Phase 3	Studies	\$50,000
Iowa DOT Traffic Safety	Statewide Multi-Disciplinary Safety Team (MDST) Facilitator Program	Studies	\$50,000
Iowa DOT Traffic Safety	Work Zone Safety Training	Studies	\$30,000
Iowa DOT Office of Rail	Railroad Crossing Safety Education Support	Studies	\$17,500
Iowa DOT Traffic Safety	Iowa Safety Circuit Rider Program Supplement Support	Studies	\$20,000

* On behalf of local governments

Traffic Safety Improvement Program Projects Fiscal Year 2020 (continued)

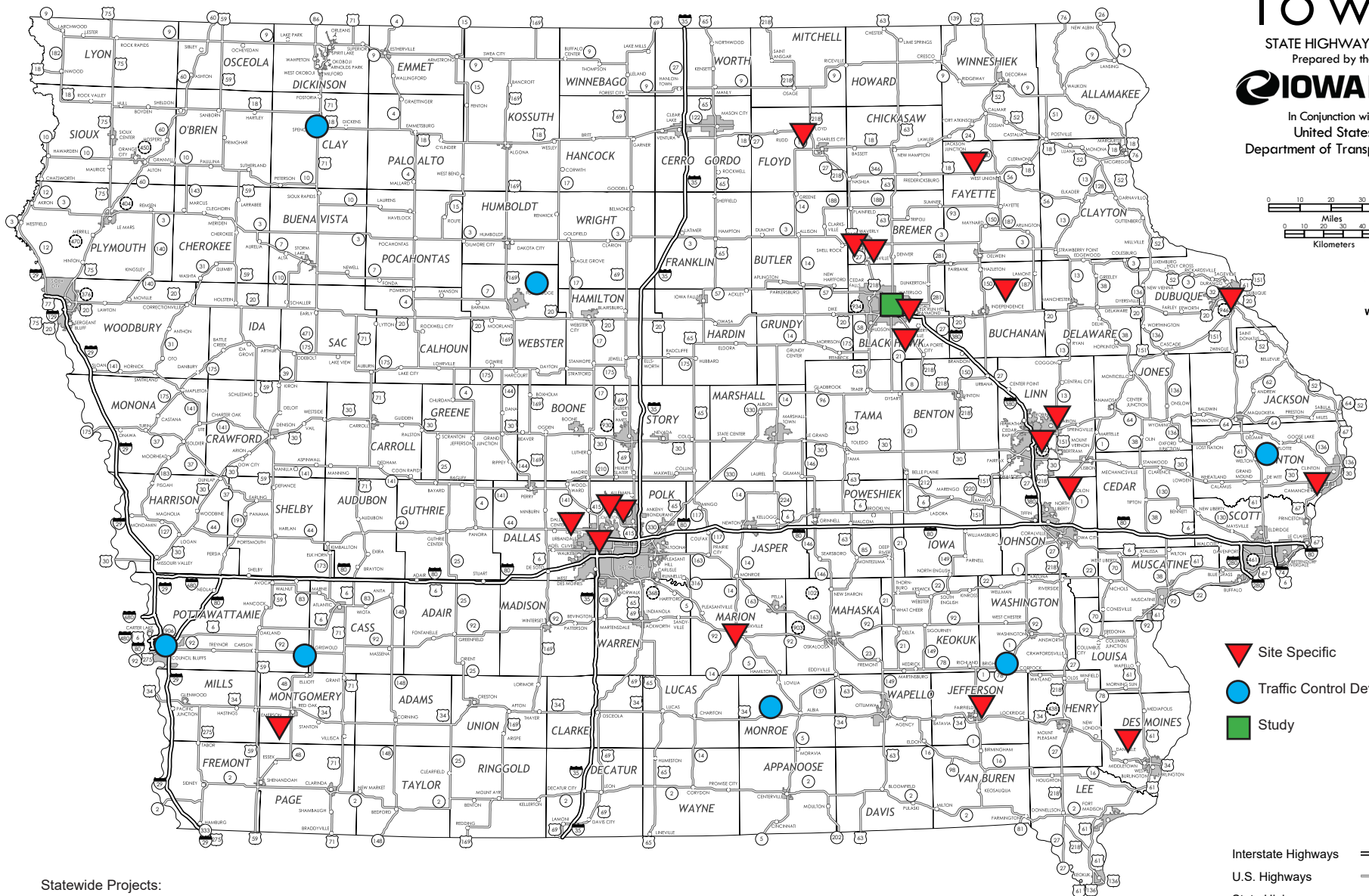
Applicant	Location/Description	Funding Category	Approved Amount
Iowa DOT Traffic Safety	Work Zone Sign Package Program Extension	Studies	\$60,000
Iowa DOT Traffic Safety	Evaluation and Preparation for Future Iowa Work Zone Safety Workshops	Studies	\$30,000
Iowa DOT Traffic Safety	Investigation of 3-lane Road Impacts on Businesses, Response Times, and Travel Times	Studies	\$50,000
Iowa DOT Traffic Safety	Synthesis of the Safety and Operational Experience of Multi-Lane Roundabouts	Studies	\$30,000
City of Waterloo	Vision Zero Initiative	Studies	\$5,000
Iowa DOT Traffic Safety	Guidelines on use of Temporary Barriers in Work Zones	Studies	\$75,000
Iowa DOT Traffic Safety	Update of Iowa's Crash Analysis Manual	Studies	\$30,000
Iowa DOT Traffic Safety	Iowa Crash Analysis Tool Training	Studies	\$70,000
Iowa DOT Traffic Safety	2020 Midwest Work Zone Round Table Meeting	Studies	\$3,500
Iowa DOT Traffic Safety	Study Unreported Deer Crashes and B-C Analysis of Deer Fence	Studies	\$40,000
Iowa DOT Traffic Safety	Interactive Virtual Reality Simulation for Enhancing Safety in Work Zones	Studies	\$65,000
TOTAL	45 Projects	Total	\$7,930,800

* On behalf of local governments

Traffic Safety Improvement Program Projects

Fiscal Year 2020

IOWA
STATE HIGHWAY MAP
Prepared by the
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Statewide Projects:

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

-  Site Specific
-  Traffic Control Device
-  Study

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

A large, stylized, light gray swirl graphic that frames the central text. It consists of two main curved bands that spiral inward, creating a sense of motion and depth. The text is centered within the negative space of the swirl.

Highway Program

Highway Program

The highway section of the Iowa Transportation Improvement Program (Program) contains the primary and interstate highway construction-related investments planned for fiscal year (FY) 2020 through FY 2024. In general, contracts awarded during a fiscal year are constructed during the corresponding calendar year. This serves as the long range program for the primary road system and the annual accomplishment program as required by Iowa Code 307A.2(3). The highway section is arranged by county and route. A map showing the location of each 2020 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 legislation signed into law on February 25, 2015. As directed by the legislation, 100 percent of the additional revenue allocated to the Iowa Department of Transportation (DOT) will be spent on road and bridge projects that are critical to maintaining Iowa's transportation infrastructure and create opportunities for expanded economic activity. A list of projects able to be funded due to the additional revenue 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 2020-2024, 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 \$2.0 billion is programmed in FY 2020 through FY 2024 for modernization of Iowa's existing highway system and for enhanced highway safety features.

The Program includes over \$1.0 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 43 in 2018 as a result of this emphasis.

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

The highway section includes significant interstate investments on I-29 in Sioux City for reconstruction, six-lane improvements on I-35 in Polk and Story Counties, the I-74 Mississippi River Bridge replacement in Bettendorf, the I-80/380 Interchange reconstruction near Iowa City, six-lane improvements on I-80 in Johnson and Cedar Counties, I-380 in Hiawatha for the Tower Terrace Interchange, and the system in Council Bluffs. Portions of these investments address stewardship needs.

The Commission was able to add several significant multi-year projects that address safety and operational needs and these include U.S. 30 Missouri Valley Bypass in Harrison County, U.S. 61 in Louisa County from 0.5 miles north of Iowa 78 to 2.0 miles south of Iowa 92, U.S. 63 Oskaloosa Bypass in Mahaska County, and U.S. 218 in Bremer County from Janesville to Waverly. The Iowa 9 Mississippi River bridge replacement project was also added.

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 Jefferson County in Fairfield, Iowa 3 in Dubuque County from Luxemburg to Sageville, Iowa 13 in Linn County from north of County Home Road to south of Central City, Iowa 17 in Boone County north of U.S. 30, U.S. 18 in Floyd County at the U.S. 218 intersection in Floyd, U.S. 20 in Webster County from east of County Road P73 to Iowa 17, U.S. 20 in Black Hawk County from U.S. 63 to Iowa 21 in Waterloo, U.S. 20 in Dubuque County at Swiss Valley Road, U.S. 30 in Story County from east of I-35 to Nevada, U.S. 30 in Tama/Benton Counties from the Tama Bypass to U.S. 218, U.S. 52 in Jackson County from the Mississippi River to north of Sabula, U.S. 61 in Des Moines County from Burlington to north of Mediapolis, U.S. 63 in Wapello County from County Road J12 to U.S. 34 in Ottumwa, U.S. 69 in Polk County from I-80 to SE 33rd Street in Ankeny, U.S. 69 in Wright County from north of the railroad to County Road C20, U.S. 75 in Plymouth County from Hinton to Merrill, Iowa 92 in Keokuk County at the Iowa 21 and County Road V33 intersections, Iowa 92 in Washington County from east of U.S. 218 to Iowa 70 in Columbus Junction, Iowa 141 in Monona County from east of County Road L32 to west of County Road L37, and U.S. 218 in Black Hawk County from Broadway Street to the Airport Interchange in Waterloo.

The bar chart on the next page summarizes the FY 2020-2024 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 2020-2024 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 requires a multiyear federal transportation authorization bill. The current authorization, Fixing America's Surface Transportation (FAST) Act, was signed into law on December 4, 2015. However, it will expire on September 30, 2020, which is before the second year of the FY 2020- 2024 Highway Program. Therefore, there is some uncertainty about federal funding after this date.

Another major concern with federal funding is solvency of the federal Highway Trust Fund (HTF) beyond September 2020. At that time, the HTF, which is funded primarily from federal fuel taxes, will not be able to provide funding at current levels. If this is not corrected, drastic cuts to the federal highway program are anticipated. If this occurs, the Iowa Transportation Commission (Commission) will have to make significant changes to the Program in FY 2021 and beyond. As the Commission decides which projects will be rescheduled, they will consider statewide equity, length of time a project has been considered for programming, how many times a project has been rescheduled, purpose of a project, whether the project is already underway, local efforts to move forward on a project, and current conditions and need for a project.

Public Participation

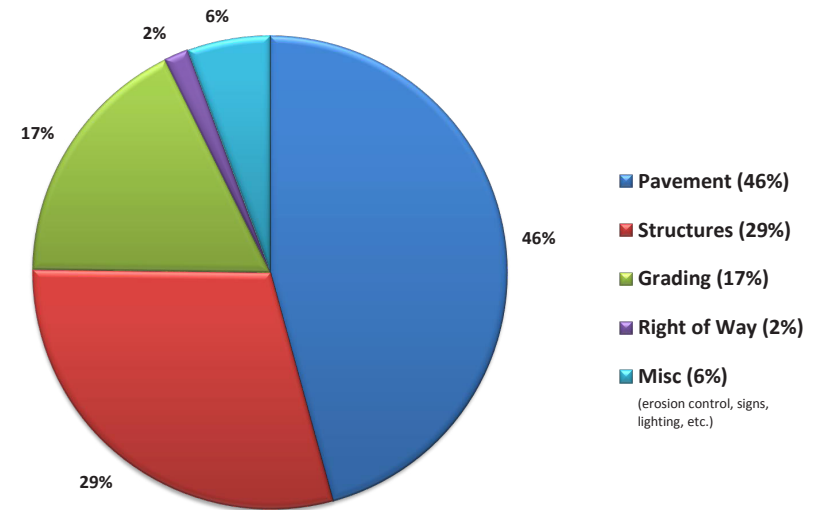
Throughout the year, Iowa DOT staff meets with individuals, local agencies and organizations to discuss potential projects and transportation issues. Comments on the proposed program are encouraged.

During 2018, 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 Orange City, Des Moines, Clinton, and Decorah. Approximately 35 delegations presented their views.

Highway Program Information and Services

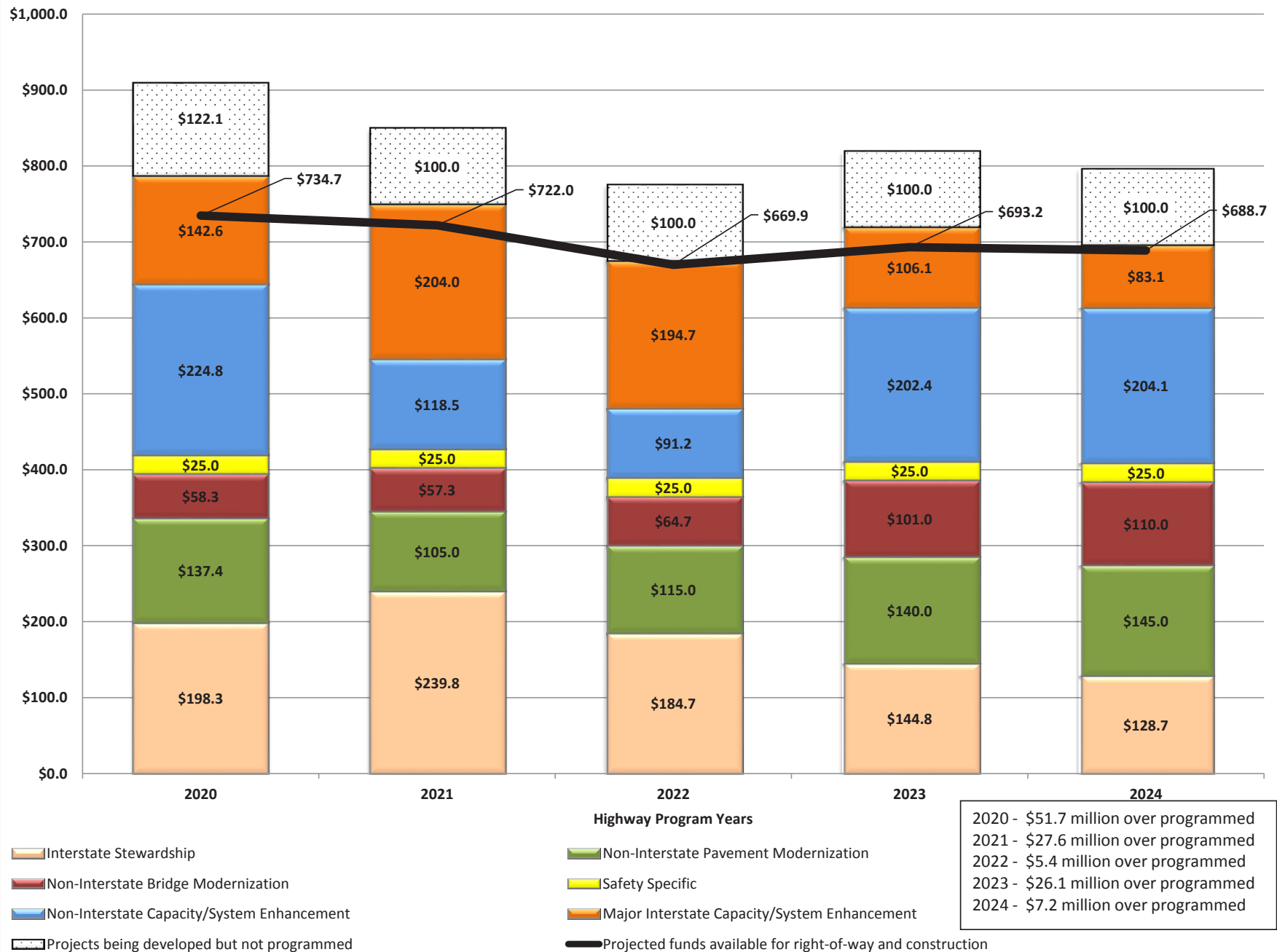
On a periodic basis, the Commission considers adjustments to the highway program. Information regarding these changes can be accessed on the Iowa DOT's website at iowadot.gov/program_management/five_year.

2020-2024 Highway Program by Work Type



2020-2024 Highway Program

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



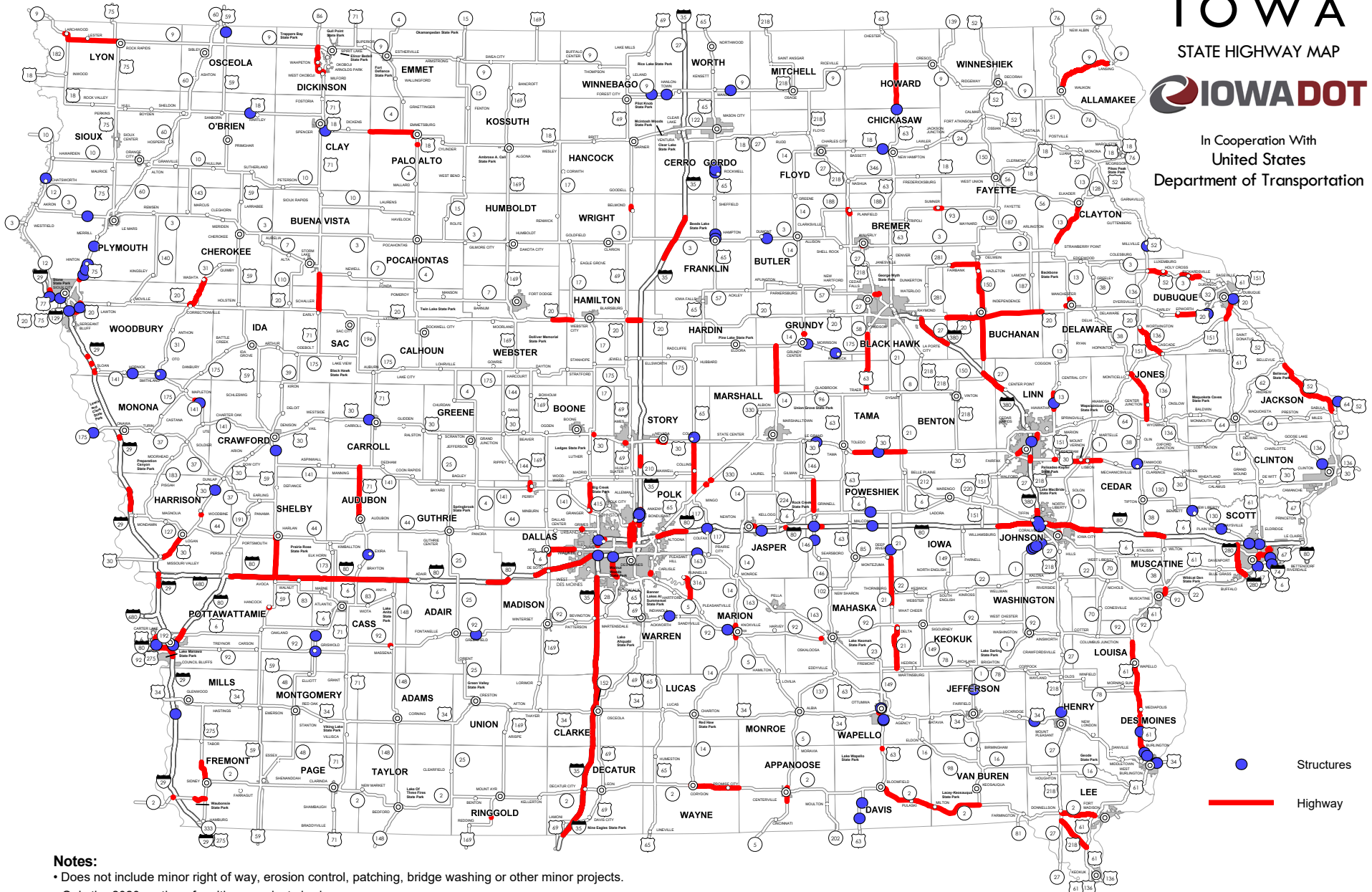
2020 Iowa Highway Program

IOWA

STATE HIGHWAY MAP



In Cooperation With
United States
Department of Transportation



Notes:

- Does not include minor right of way, erosion control, patching, bridge washing or other minor projects.
- Only the 2020 portion of multiyear projects is shown.
- Map is subject to change and is not to scale.

HIGHWAY PROGRAM KEY

(1) RTE	(2) LOCATION	(3) MILES	(4) TYPE OF WORK	(5) PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
	(78) POTTAWATTAMIE							
80	I-29/80/480 INTERSTATES IN COUNCIL BLUFFS (CBIS) STATE SHARE	4.0	BRIDGE NEW BRIDGE PAINTING BRIDGE REPLACEMENT GRADE AND PAVE GRADING LANDSCAPING LIGHTING MITIGATION NOISE WALL PAVEMENT MARKINGS PAVEMENT REHAB TRAFFIC SIGNALS TRAFFIC SIGNS		37885	31370 240 53080 42330 2500 1222 5555 865 635 3116 3775	290	650
				10665				
				22400	95320			
				3000				
				1100	1950		1428	1783
				1070				
				351				
				775	305		175	575
				1803				
				330				
				2890	5455		1925	600

Explanation of columns using the examples above:

- (1) Project is on I-80
- (2) The project is in Pottawattamie County, on I-29/80/480 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

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(01) ADAIR								
25	I-80 INTERCHANGE		BRIDGE DECK OVERLAY			420		
80	IA 25 TO MADISON CO (EB)	12.0	PAVEMENT REHAB			2866		
80	CASS CO TO IA 25 (WB)	13.0	PAVEMENT REHAB					9234
80	0.6 MI E OF CO RD P28 TO DALLAS CO (WB)	5.4	PAVEMENT PLANING	292				
92	MARVEL CREEK 0.3 MI W OF CO RD P33		BRIDGE REPLACEMENT	1205				
92	W FORK NODAWAY RIVER 1.6 MI E OF CO RD N51		BRIDGE REPLACEMENT					1800
(02) ADAMS								
148	MIDDLE NODAWAY RIVER 1.8 MI S OF S JCT CO RD H20		BRIDGE DECK OVERLAY		712			
(03) ALLAMAKEE								
9	MISSISSIPPI RIVER BRIDGE IN LANSING STATE SHARE		BRIDGE REPLACEMENT RIGHT OF WAY TRAFFIC SIGNS					38200 1700 100
9	WAUKON TO LANSING	14.8	PAVE SHOULDER PAVEMENT REHAB	1400 7396				
9	MISSISSIPPI RIVER IN LANSING (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20
76	MINERAL CREEK 1.6 MI S OF CO RD A26		BRIDGE DECK OVERLAY		200			
(04) APPANOOSE								
2	WALNUT CREEK 0.8 MI E OF CO RD S70		BRIDGE DECK OVERLAY			275		
2	COOPER CREEK 1.5 MI W OF IA 5		BRIDGE DECK OVERLAY		266			
5	DITCH 0.6 MI S OF CO RD T30		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY		1947 100 5			

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
5	SHOAL CREEK 2.8 MI N OF CO RD T20		BRIDGE REPLACEMENT RIGHT OF WAY		3000 5			
5	NORTH CREEK 2.6 MI S OF CO RD T20		BRIDGE REPLACEMENT				1620	
5	COOPER CREEK 1.5 MI N OF IA 2		BRIDGE REPLACEMENT				1610	
5	CO RD J46 TO NCL CENTERVILLE (05) AUDUBON	3.5	PAVEMENT REHAB	2916				
71	AUDUBON TO W JCT IA 141	12.1	PAVEMENT REHAB	4180				
71	EAST NISHNABOTNA RIVER 0.2 MI S OF CO RD F58 (06) BENTON		BRIDGE REHABILITATION	414				
30	11TH AVE DR TO W JCT US 218	13.9	BRIDGE NEW BRIDGE REPLACEMENT CULVERT REPLACEMENT EROSION CONTROL GRADING LIGHTING MITIGATION PAVING RIGHT OF WAY TRAFFIC SIGNS		1974 432 17757 400 9500		2191 430 13302 75 16616 184	193 192
30	W JCT US 218 INTERCHANGE		EROSION CONTROL		218			
150	PRAIRIE CREEK 1.8 MI N OF CO RD V71		BRIDGE REPLACEMENT					500
150	CURVE W OF URBANA NEAR 31ST AVE AND 55TH ST	0.4	EROSION CONTROL GRADE AND PAVE LIGHTING RIGHT OF WAY TRAFFIC SIGNS			1851 89 24 60	179	
150	CEDAR RIVER 1.0 MI S OF CO RD E16		BRIDGE DECK OVERLAY				1000	
218	ABANDONED RR 2.6 MI N OF N JCT US 30	0.2	GRADE AND PAVE				2500	

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
218	PRATT CREEK 0.1 MI E OF CO RD V61		BRIDGE REPLACEMENT					600
380	IA 150 TO BLACK HAWK CO (SB)	12.1	PAVEMENT REHAB				9845	
380	IA 150 TO BLACK HAWK CO (NB)	12.1	PAVEMENT REHAB				9421	
	(07) BLACK HAWK							
20	HUDSON RD TO US 63 (EB & WB)	3.1	GRADE AND PAVE					14147
20	US 63 TO IA 21 IN WATERLOO (EB & WB)	3.0	GRADE AND PAVE TRAFFIC SIGNS		16091 370			
27	US 20 TO RIDGEWAY AVE IN CEDAR FALLS (NB & SB)	0.3	GRADE AND PAVE			1489		
63	CEDAR RIVER 0.2 MI N OF US 218 IN WATERLOO (NB)		BRIDGE REHABILITATION					1000
218	AIRPORT BLVD TO 0.6 MI S OF IA 27 IN WATERLOO (NB)	1.0	GRADE AND PAVE TRAFFIC SIGNS	7295 150				
218	MUD CREEK 0.9 MI N OF CO RD D46		BRIDGE DECK OVERLAY					450
380	BUCHANAN CO TO 0.2 MI S OF E JCT US 20 (SB)	8.8	PAVEMENT REHAB			6917		
380	BUCHANAN CO TO 0.2 MI S OF E JCT US 20 (NB)	8.8	PAVEMENT REHAB	6334				
	(08) BOONE							
17	0.5 MI N OF US 30 TO 3.0 MI N STATE SHARE	2.5	BRIDGE NEW GRADING PAVING RIGHT OF WAY TRAFFIC SIGNS			500	3672 2000	6000 62
30	0.5 MI E OF DES MOINES RIVER TO 0.25 MI W OF SNEDDEN DR (VAR LOC)		RIGHT OF WAY RIP RAP		2 146			
30	CO RD R18 INTERSECTION	0.5	GRADE AND PAVE RIGHT OF WAY		1696 1			
30	T AVE (WB) AND UNIVERSITY AVE EB EXIT RAMP	0.2	PAVEMENT WIDEN	80				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
210	DES MOINES RIVER 0.3 MI E OF CO RD E62 (09) BREMER		BRIDGE REHABILITATION			3174		
3	CEDAR RIVER 3.7 MI E OF US 218 IN WAVERLY		BRIDGE REPLACEMENT				6000	
63	CRANE CREEK 1.5 MI S OF IA 188 (SB)		BRIDGE REPLACEMENT					1100
93	HOWARD ST IN SUMNER TO FAYETTE CO (STATE SHARE)	1.5	PAVEMENT REHAB	804				
116	10TH AVE SW TO 3RD AVE SW IN WAVERLY (STATE SHARE)	0.5	GRADE AND PAVE	590				
218	CEDAR RIVER IN JANESVILLE TO IA 116 IN WAVERLY	2.4	GRADE AND PAVE RIGHT OF WAY				3100	18800
218	150TH ST TO IA 188 INTERCHANGE (10) BUCHANAN	0.1	GRADING RIGHT OF WAY	286 400				
20	IA 150 INTERCHANGE IN INDEPENDENCE (EB & WB)		BRIDGE DECK OVERLAY					497
20	CO RD W45 3.4 MI W OF IA 187		BRIDGE DECK OVERLAY					600
20	BLACK HAWK CO TO DELAWARE CO		PIPE CULVERTS	135				
20	WAPSIPINICON RIVER 1.5 MI E OF IA 150 (EB & WB)		BRIDGE DECK OVERLAY					1360
20	BLACK HAWK CO TO IOWA AVE IN INDEPENDENCE	7.2	PAVEMENT REHAB	6500				
150	8TH ST SE TO CN RR IN INDEPENDENCE (STATE SHARE)	1.2	GRADE AND PAVE		3800			
150	BENTON CO TO FAYETTE CO		PIPE CULVERTS	1074				
281	FAIRBANK TO IA 150 (11) BUENA VISTA		PIPE CULVERTS	277				
3	MAPLE CREEK 0.2 MI W OF CO RD M27		BRIDGE DECK OVERLAY					300
3	STREAM 1.2 MI W OF US 71		BRIDGE DECK OVERLAY					300

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
3	DITCH 0.4 MI W OF CO RD M54		CULVERT REPLACEMENT RIGHT OF WAY		735 10			
	(12) BUTLER							
3	HARTGRAVES CREEK OVERFLOW 0.5 MI W OF CO RD T16		BRIDGE REPLACEMENT					600
3	WEST FORK CEDAR RIVER 0.8 MI E OF CO RD T16		BRIDGE REPLACEMENT MITIGATION	4073 164				
57	GRAN CREEK 0.5 MI E OF CO RD T19		BRIDGE REPLACEMENT			950		
57	DITCH 2.1 MI E OF E JCT IA 14		BRIDGE REPLACEMENT				600	
188	STREAM 1.9 MI N OF CO RD C33		BRIDGE DECK OVERLAY			220		
	(13) CALHOUN							
4	PURGATORY CREEK 2.8 MI S OF N JCT IA 175		BRIDGE DECK OVERLAY			410		
175	HARDIN CREEK 0.7 MI W OF CO RD P21		BRIDGE DECK OVERLAY					375
	(14) CARROLL							
30	UP RR 1.1 MI W OF US 71		BRIDGE DECK OVERLAY	1277				
141	WEST NISHNABOTNA RIVER IN MANNING		BRIDGE DECK OVERLAY				300	
	(15) CASS							
6	INDIAN CREEK 0.4 MI E OF IA 48		BRIDGE DECK OVERLAY			600		
6	EAST NISHNABOTNA RIVER 2.6 MI E OF IA 48		BRIDGE DECK OVERLAY				720	
48	BAUGHMANS CREEK 0.2 MI S OF IA 92 IN GRISWOLD		BRIDGE DECK OVERLAY	163				
48	EAST NISHNABOTNA RIVER 2.0 MI S OF US 6		BRIDGE DECK OVERLAY	534				
80	570TH ST 2.0 MI W OF IA 173 (EB & WB)	0.2	GRADE AND PAVE				1500	
80	0.7 MI W OF US 71 TO ADAIR CO (EB)	13.4	PAVEMENT PLANING	753				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
80	0.7 MI E OF IA 173 TO 0.7 MI W OF US 71 (WB)	4.6	PAVEMENT PLANING	257				
80	770TH ST 1.9 MI E OF IA 148 (EB & WB)		BRIDGE REHABILITATION					3000
80	POTTAWATTAMIE CO TO E OF IA 173 (WB)	5.6	PAVEMENT REHAB			1401		
80	1.4 MI W OF CO RD N28 TO 0.6 MI E OF CO RD N28 AT VAR LOC (WB)	0.5	GRADE AND PAVE	1947				
83	EAST NISHNABOTNA RIVER 1.1 MI W OF W JCT US 6		BRIDGE DECK OVERLAY			290		
92	SEVENMILE CREEK 1.7 MI W OF W JCT US 71		BRIDGE REPLACEMENT				1500	
92	STREAM 0.9 MI W OF IA 148		RIGHT OF WAY RIP RAP	3 30				
	(16) CEDAR							
38	DITCH 1.0 MI N OF US 30		CULVERT REPLACEMENT	577				
38	SCL TO NCL IN TIPTON (STATE SHARE)	1.9	GRADE AND PAVE		2137			
80	CO RD Y26 AND CO RD Y30 INTERCHANGE (RAMPS)	0.5	PAVEMENT REHAB				1246	
80	IA 38 TO US 6 (VAR RAMP LOC)	4.5	PAVEMENT REHAB	954				
80	0.5 MI E OF CO RD X30 TO 3.0 MI E OF CO RD X30 (EB)	2.5	PAVEMENT PLANING				146	
80	E OF CO RD X30 (WB)		TRAFFIC SIGNS	750				
80	E OF THE CEDAR RIVER TO W OF CO RD Y26	11.0	BRIDGE REPLACEMENT CULVERT REPLACEMENT GRADING MITIGATION RIGHT OF WAY TRAFFIC SIGNS				15814 25704 450 400 900	8392 2742 22352 410
	(17) CERRO GORDO							
18	CO RD S56/THRUSH AVE INTERCHANGE		TRAFFIC SIGNS	50				
18	UP RR 1.5 MI W OF US 65 (WB)		BRIDGE DECK OVERLAY				540	

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
18	TRAIL 5.2 MI E OF E JCT I-35 (EB)		BRIDGE DECK OVERLAY				420	
35	1.0 MI N OF CO RD B35 TO 1.0 MI N OF IA 9	12.1	PAVEMENT REHAB			958		
35	AT N JCT US 18 IN CLEAR LAKE (NB & SB)		BRIDGE DECK OVERLAY					1400
35	IMRL RR 0.2 MI S OF N JCT US 18 IN CLEAR LAKE (NB & SB)		BRIDGE DECK OVERLAY					1200
35	MAIN ST 0.4 MI S OF N JCT US 18 IN CLEAR LAKE (NB & SB)		BRIDGE DECK OVERLAY					1400
35	4TH AVE S 0.6 MI S OF N JCT US 18 IN CLEAR LAKE (NB & SB)		BRIDGE DECK OVERLAY					1100
35	FRANKLIN CO TO 1.0 MI N OF CO RD B35	14.2	PAVEMENT REHAB				1554	
65	CALAMUS CREEK 1.8 MI N OF IA 122 IN MASON CITY		BRIDGE DECK OVERLAY				300	
65	E BRANCH BEAVERDAM CR 0.4 MI N OF CO RD B60		BRIDGE REPLACEMENT	1339				
65	E BRANCH BEAVERDAM CR 1.1 MI N OF CO RD B60		BRIDGE REPLACEMENT MITIGATION	1526 120				
65	WINNEBAGO RIVER 0.1 MI N OF S JCT CO RD B20 (NB)		BRIDGE DECK OVERLAY		283			
65	E BRANCH BEAVERDAM CR 0.7 MI S OF CO RD B60		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY		1642 80 1			
65	E BRANCH BEAVERDAM CR 1.7 MI N OF CO RD B60		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY	1883 14 10				
65	0.1 MI S OF 27TH ST SW TO 6TH ST S IN MASON CITY	1.4	GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNALS TRAFFIC SIGNS					9800 5 1250 50
122	WILLOW CREEK 4.4 MI E OF I-35 (WB)		BRIDGE DECK OVERLAY			220		
122	WILLOW CREEK 3.5 MI W OF US 65 IN MASON CITY (EB)		BRIDGE REPLACEMENT					900

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(18) CHEROKEE								
3	LITTLE SIOUX RIVER 1.5 MI E OF US 59		BRIDGE REHABILITATION					1500
(19) CHICKASAW								
18	BRANCH LITTLE WAPSIPINICON RIVER 1.9 MI W OF US 63		BRIDGE DECK OVERLAY	372				
18	WINTERS LAKE OVERFLOW 2.9 MI E OF CO RD T76		BRIDGE REPLACEMENT					1200
63	SPRING CREEK 2.7 MI S OF CO RD B17		BRIDGE DECK OVERLAY	428				
(20) CLARKE								
35	0.5 MI N OF US 34 TO WARREN CO (SB)	10.1	PAVEMENT REHAB					2407
35	0.5 MI N OF US 34 TO WARREN CO (NB)	10.1	PAVEMENT REHAB				2303	
69	WHITE BREAST CREEK 4.9 MI S OF US 34		BRIDGE DECK OVERLAY		384			
(21) CLAY								
18	0.3 MI E OF E JCT US 71 IN SPENCER		CULVERT REPLACEMENT RIGHT OF WAY	743 25				
18	LOST ISLAND OUTLET 1.0 MI E OF CO RD M54		BRIDGE DECK OVERLAY			275		
(22) CLAYTON								
13	VOLGA RIVER 4.1 MI S OF IA 56		BRIDGE DECK OVERLAY					800
13	2.2 MI S OF CO RD W7C TO IA 56 IN ELKADER	13.5	PAVE SHOULDER	2387				
18	STREAM 0.6 MI W OF E JCT US 52		BRIDGE REPLACEMENT				2290	
18	MISSISSIPPI RIVER IN MARQUETTE (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20
52	0.7 MI S OF CO RD C9Y		CULVERT REPAIR RIGHT OF WAY	100 2				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(23) CLINTON								
30	UP RR 0.6 MI E OF CO RD Y4E		BRIDGE REPLACEMENT					5000
30	SILVER CREEK 0.7 MI E OF W JCT US 61 IN DE WITT (EB & WB)		BRIDGE DECK OVERLAY					1700
30	UP RR 5.8 MI E OF S JCT US 61 (EB & WB)		BRIDGE DECK OVERLAY			1320		
30	MISSISSIPPI RIVER IN CLINTON STATE SHARE		BRIDGE CLEANING BRIDGE REHABILITATION	20	20 400	20	20	20
30	MISSISSIPPI RIVER IN CLINTON		TRAFFIC SIGNS				200	
30	WAPSIPINICON RIVER 1.5 MI E OF CO RD Y4E		BRIDGE REPLACEMENT				5000	
30	AMES CREEK 3.5 MI E OF E JCT US 61 (EB & WB)		BRIDGE DECK OVERLAY				1080	
61	N JCT US 30 IN DE WITT (NB & SB)		BRIDGE DECK OVERLAY				1680	
136	2.4 MI W OF US 67 TO CHARLOTTE		CULVERT REPLACEMENT	1663				
136	MISSISSIPPI RIVER IN CLINTON (STATE SHARE)		BRIDGE CLEANING	40	40	40	40	40
136	MISSISSIPPI RIVER IN CLINTON		TRAFFIC SIGNS				200	
136	DEEP CREEK 0.2 MI S OF CO RD Z2E		BRIDGE DECK OVERLAY				180	
(24) CRAWFORD								
30	EAST BOYER RIVER 0.4 MI E OF W JCT US 59 (EB & WB)		BRIDGE REHABILITATION					2000
30	ROCKY RUN CREEK 4.5 MI W OF CO RD M55		BRIDGE REPLACEMENT				575	
30	DITCH 3.8 MI E OF CO RD M36		BRIDGE DECK OVERLAY		309			
59	DITCH 2.1 MI S OF US 30		BRIDGE REPLACEMENT					950
59	1.45 MI N OF CO RD E59 TO 1.5 MI N OF CO RD E53		PIPE CULVERTS RIGHT OF WAY			615 7		
59	N OF CO RD E53		CULVERT REPLACEMENT RIGHT OF WAY	615 3				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
141	EAST SOLDIER RIVER 0.1 MI W OF CO RD L51		BRIDGE DECK OVERLAY				480	
141	2.8 MI E OF CO RD M36		PIPE CULVERTS RIGHT OF WAY			223 1		
	(25) DALLAS							
6	E OF N RACCOON RIVER TO 0.2 MI W OF U AVE IN WAUKEE	6.3	PAVEMENT REHAB/WIDEN	6009				
6	S OF 302ND PL TO GREENWOOD HILLS DR IN ADEL STATE SHARE	0.9	PAVEMENT REHAB/WIDEN	1000				
44	CO RD R30 2.0 MI W OF POLK CO	0.2	PAVEMENT WIDEN RIGHT OF WAY	298 2				
80	US 6/169 IN DE SOTO TO CO RD R16	3.1	BRIDGE REPLACEMENT EROSION CONTROL GRADE AND PAVE GRADING LIGHTING PAVING RIGHT OF WAY TRAFFIC SIGNS		11570 5498 50		12806 10852 83 8787 239	249 1175
80	CO RD P58 TO POLK CO (WB)	15.7	PAVEMENT PLANING	1189				
80	CO RD R16 TO CO RD R22/UTE AVE		TRAFFIC SIGNS				925	
144	IA 141 TO 0.5 MI N OF PARK ST IN PERRY	2.2	PATCHING PAVEMENT REHAB	410 525				
	(26) DAVIS							
2	E JCT US 63 TO IA 1	28.8	PAVEMENT REHAB	1595				
63	CARTER CREEK 3.7 MI S OF IA 2		BRIDGE DECK OVERLAY	528				
63	NORTH FABIUS CREEK 2.1 MI S OF CO RD J51		BRIDGE DECK OVERLAY	572				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
63	SOAP CREEK 0.9 MI S OF WAPELLO CO		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY	130	5610 400			
63	FOX CREEK 2.1 MI N OF IA 2 (27) DECATUR		BRIDGE REPLACEMENT				2900	
35	S OF REST AREA TO S OF IA 2 (SB)		EROSION CONTROL	688				
35	MISSOURI TO POLK CO		GUARDRAIL REPAIR	100	100	100	100	100
35	310TH ST 2.5 MI S OF US 69 (NB & SB)		BRIDGE DECK OVERLAY				1125	
69	DICKERSONS BRANCH 1.1 MI S OF CO RD J66		RIGHT OF WAY RIP RAP		2 20			
69	1.8 MI S OF CO RD J66		DITCH IMPROVEMENT RIGHT OF WAY		150 20			
69	1.6 MI S OF CO RD J66 (28) DELAWARE		PIPE CULVERTS RIGHT OF WAY		390 5			
3	STREAM 6.9 MI E OF IA 38		BRIDGE REPLACEMENT				690	
13	HONEY CREEK 0.2 MI N OF CO RD D13 TO S JCT IA 3	9.6	GRADE AND PAVE					10000
13	CO RD D22 TO HONEY CREEK IN MANCHESTER (STATE SHARE)	3.2	PAVEMENT REHAB	2000				
20	CO RD X15/180TH AVE 1.2 MI E OF IA 13		BRIDGE DECK OVERLAY		388			
20	BRANCH PLUM CREEK 5.0 MI E OF IA 38 (EB)		BRIDGE DECK OVERLAY					118
38	ALLISON CREEK 0.3 MI S OF CO RD X35 (29) DES MOINES		BRIDGE DECK OVERLAY		233			
34	WB RAMP TO US 34 IN BURLINGTON		BRIDGE REHABILITATION					1000
34	EB TO SB RAMP OVER HIGH ST IN BURLINGTON		BRIDGE REHABILITATION	167				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
34	MISSISSIPPI RIVER IN BURLINGTON (STATE SHARE)		BRIDGE DECK OVERLAY	3250				
34	MISSISSIPPI RIVER IN BURLINGTON (STATE SHARE)		BRIDGE CLEANING	35	35	35	35	35
34	N CENTRAL AVE IN BURLINGTON		BRIDGE DECK OVERLAY				360	
34	MISSISSIPPI RIVER IN BURLINGTON		TRAFFIC SIGNS	300				
34	8TH ST 1.8 MI E OF US 61 IN BURLINGTON		BRIDGE DECK OVERLAY					400
34	CURRAN ST 0.8 MI E OF US 61 IN BURLINGTON		BRIDGE REHABILITATION					500
61	SCL MEDIAPOLIS TO 1.5 MI S OF IA 92 (VAR LOC)	17.6	PAVEMENT REHAB	600				
61	0.5 MI S OF MEMORIAL PARK RD IN BURLINGTON		CULVERT EXTENSION	45				
61	MEMORIAL PARK RD IN BURLINGTON TO S OF 210TH ST	10.2	BRIDGE REPLACEMENT	1924				
			EROSION CONTROL			1789		
			GRADE AND PAVE	22339				
			PAVEMENT REHAB			960		
			PAVING	17754				
			TRAFFIC SIGNS	245				
61	S OF 210TH ST TO N OF MEDIAPOLIS	2.5	BRIDGE NEW			3420		
			GRADING			8703		
			LIGHTING					75
			PAVING					23640
			RIGHT OF WAY		2200			
			TRAFFIC SIGNS					200
61	N OF MEDIAPOLIS TO 0.5 MI N OF IA 78	5.1	CULVERT NEW					2751
			GRADING					12802
			MITIGATION					2245
			RIGHT OF WAY				2400	
	(30) DICKINSON							
71	OKOBOJI GROVE RD IN ARNOLDS PARK TO EAST VIEW AVE	2.2	GRADE AND PAVE				11217	
86	US 71 TO IA 9	7.7	PAVEMENT REHAB	3223				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(31) DUBUQUE								
3	ECL OF LUXEMBURG TO TOLLGATE RD (CO RD Y13)	4.1	EROSION CONTROL GRADE AND PAVE TRAFFIC SIGNS	7990 52	273			
3	TOLLGATE RD (CO RD Y13) TO E JCT PFEILER RD		EROSION CONTROL	314				
3	E JCT PFEILER RD TO 0.7 MI N OF BOY SCOUT RD	4.6	EROSION CONTROL GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNS	215	9542 55	250		
3	0.7 MI N OF BOY SCOUT RD TO S OF CO RD C9Y IN SAGEVILLE	6.1	EROSION CONTROL GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNS				19746 60	436
20	MISSISSIPPI RIVER IN DUBUQUE (STATE SHARE)		BRIDGE REHABILITATION	240				
20	MISSISSIPPI RIVER IN DUBUQUE		TRAFFIC SIGNS				200	
20	IA 136 IN DYERSVILLE (EB & WB)		BRIDGE DECK OVERLAY					557
20	MID BRANCH CATFISH CR & CC RR 0.7 MI E OF NW ATERIAL IN DUBUQUE (WB)		BRIDGE REPLACEMENT					4000
20	MIDDLE BRANCH CATFISH CREEK & CC RR IN DUBUQUE (EB)		BRIDGE DECK OVERLAY					450
20	CO RD Y13 IN FARLEY (EB & WB)		BRIDGE DECK OVERLAY					310
20	N FORK MAQUOKETA RIVER 0.5 MI W OF IA 136 (EB)		BRIDGE DECK OVERLAY					354
20	CO RD Y17 IN EPWORTH (EB & WB)		BRIDGE DECK OVERLAY					329
20	EPWORTH TO W OF SWISS VALLEY RD (EB & WB)	7.1	PAVE SHOULDER	2400				
20	MISSISSIPPI RIVER IN DUBUQUE (STATE SHARE)		BRIDGE CLEANING	70	70	70	70	70

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
20	SWISS VALLEY RD SW OF DUBUQUE	2.3	BRIDGE NEW EROSION CONTROL GRADE AND PAVE LIGHTING TRAFFIC SIGNS	1651 26751 78 410	428			
52	GRANDVIEW AVE S 1.2 MI S OF US 20 IN DUBUQUE		BRIDGE REHABILITATION				600	
52	US 61/US 151 TO US 20 IN DUBUQUE (SW ARTERIAL) STATE SHARE	6.1	EROSION CONTROL PAVEMENT REHAB TRAFFIC SIGNS	477 2735 1500				
61	PEOSTA CHANNEL 0.2 MI N OF E 11TH ST IN DUBUQUE		BRIDGE CLEANING	50	50	50	50	50
61	PEOSTA CHANNEL 0.2 MI N OF E 11TH ST IN DUBUQUE		BRIDGE DECK OVERLAY					14100
61	MISSISSIPPI RIVER IN DUBUQUE		TRAFFIC SIGNS				200	
61	MISSISSIPPI RIVER IN DUBUQUE (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20
136	NCL CASCADE TO SCL WORTHINGTON	8.9	PAVE SHOULDER PAVEMENT REHAB	1600 2400				
	(33) FAYETTE							
3	OTTER CREEK 2.4 MI W OF W JCT IA 150		BRIDGE DECK OVERLAY		132			
93	STREAM 0.7 MI W OF CO RD V68		BRIDGE REPLACEMENT					900
	(34) FLOYD							
14	FLOOD CREEK 3.6 MI S OF CO RD B45		BRIDGE REPLACEMENT					1300
18	US 218/IA 27 INTERSECTION IN FLOYD	0.2	BRIDGE NEW EROSION CONTROL GRADE AND PAVE LIGHTING MITIGATION RIGHT OF WAY TRAFFIC SIGNS			2834 16180 64 50 1000 125	436	
218	CEDAR RIVER 0.2 MI S OF CO RD B33		BRIDGE DECK OVERLAY					850

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(35) FRANKLIN								
3	SQUAW CREEK 0.6 MI E OF US 65 IN HAMPTON		BRIDGE DECK OVERLAY					300
35	CO RD C47 TO CERRO GORDO CO	17.3	PAVEMENT REHAB					1560
35	CO RD C47 TO 1.5 MI N OF CO RD C25	11.7	PAVEMENT REHAB	960				
65	BAILEY CREEK 0.8 MI S OF S JCT CO RD C13		BRIDGE REPLACEMENT			2100		
65	SQUAW CREEK 0.2 MI N OF IA 3 IN HAMPTON		BRIDGE REPLACEMENT	792				
65	SPRING CREEK 1.3 MI N OF IA 3		BRIDGE REPLACEMENT	2051				
(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		799			
2	MISSOURI RIVER OVERFLOW EAST OF MISSOURI RIVER	0.8	BRIDGE REPLACEMENT GRADE AND PAVE	20000 10000				
2	CO RD L44 TO US 275	1.0	PAVEMENT REHAB	1253				
2	FISHER CREEK 2.2 MI W OF US 59		BRIDGE DECK OVERLAY					450
2	DITCH 2.8 MI E OF I-29		BRIDGE REPLACEMENT					3500
2	DITCH 3.1 MI E OF I-29		BRIDGE REPLACEMENT					3500
2	STREAM 3.9 MI E OF I-29		BRIDGE REPLACEMENT					3500
2	HORSE CREEK DITCH 1.0 MI W OF I-29 (EB & WB)		GRADING	88				
29	ABANDONED RR AND LOCAL RD 1.6 MI S OF IA 2 (SB)		BRIDGE DECK OVERLAY					800
29	1.5 MI N OF CO RD L31 TO 1.0 MI N OF CO RD J18 (SB)	4.0	PAVEMENT REHAB				1047	
29	MISSOURI TO 1.0 MI S OF IA 2 (NB)	8.8	PAVEMENT REHAB			2226		

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
29	MAIN DITCH #6 0.4 MI S OF IA 133 (NB & SB)		BRIDGE DECK OVERLAY			960		
275	SIDNEY TO N OF CO RD J24	4.9	PAVEMENT REHAB/WIDEN	3512				
	(37) GREENE							
144	EAST BUTTRICK CREEK 6.7 MI S OF IA 175		BRIDGE REPLACEMENT				1380	
144	EAST BUTTRICK CREEK 4.0 MI S OF IA 175		BRIDGE REPLACEMENT			909		
	(38) GRUNDY							
14	BLACK HAWK CREEK 1.5 MI S OF S JCT CO RD D35		BRIDGE REPLACEMENT					2070
14	0.1 MI S OF N JCT CO RD D35		PIPE CULVERTS RIGHT OF WAY	150 5				
175	E OF CO RD T53 (VAR LOC)		PIPE CULVERTS RIGHT OF WAY		194 4			
175	MOSQUITO CREEK 1.2 MI W OF CO RD T65		BRIDGE DECK OVERLAY	413				
175	MINNEHAHA CREEK 0.3 MI E OF CO RD T45		BRIDGE DECK OVERLAY	333				
	(39) GUTHRIE							
44	MIDDLE RACCOON RIVER 1.2 MI W OF IA 4		BRIDGE DECK OVERLAY		832			
	(40) HAMILTON							
20	E OF US 69 TO I-35 (EB)	3.4	PAVEMENT REHAB	1765				
35	IA 175 INTERCHANGE		EROSION CONTROL	171				
	(41) HANCOCK							
18	DITCH 2.8 MI E OF CO RD R35		BRIDGE REHABILITATION					600
18	W BRANCH IOWA RIVER 0.8 MI E OF CO RD R35		BRIDGE REHABILITATION					600

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(43) HARRISON								
29	CO RD F20 TO IA 141 (VAR RAMP LOC)	1.5	PAVEMENT REHAB	1283				
29	1.4 MI N OF IA 127 TO 0.6 MI S OF IA 301 (SB)	4.1	PAVEMENT REHAB	3148				
30	WILSON DITCH 2.1 MI W OF I-29		BRIDGE REPLACEMENT			1011		
30	BOYER RIVER 3.7 MI W OF IA 37		BRIDGE DECK OVERLAY	605				
30	MISSOURI RIVER E OF BLAIR NEBRASKA (STATE SHARE)		BRIDGE CLEANING	35	35	35	35	35
30	MISSOURI RIVER E OF BLAIR, NEBRASKA		TRAFFIC SIGNS	300				
30	MISSOURI VALLEY BYPASS		RIGHT OF WAY					10500
30	0.05 MI S OF 197TH TRAIL		PIPE CULVERTS RIGHT OF WAY	165 2				
30	STREAM 2.3 MI E OF CO RD F32		BRIDGE REPLACEMENT			1273		
30	MISSOURI RIVER E OF BLAIR NEBRASKA (STATE SHARE)		BRIDGE REHABILITATION				125	
30	MISSOURI VALLEY TO BOYER RIVER IN LOGAN	7.8	PAVEMENT REHAB	3658				
127	STEER CREEK 0.5 MI E OF IA 183		BRIDGE DECK OVERLAY				360	
(44) HENRY								
34	E OF GRAND AVE AT N JCT US 218 (WB)		SLOPE IMPROVEMENT		27			
34	SKUNK RIVER 3.8 MI E OF CO RD W40 (EB)		BRIDGE REPLACEMENT RIGHT OF WAY	4937 1				
218	SOUTH FISH CREEK 0.7 MI N OF CO RD J20 (NB)		BRIDGE DECK OVERLAY				420	
218	BIG CREEK 1.2 MI N OF N JCT US 34 (SB)		BRIDGE DECK OVERLAY	405				
218	1.0 MI N OF CO RD J20 (NB)		RIGHT OF WAY SLOPE IMPROVEMENT		1 216			
218	3.1 MI N OF CO RD J20 (NB)		SLOPE IMPROVEMENT		42			

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
218	NORTH FISH CREEK 1.1 MI N OF CO RD J20 (NB) (45) HOWARD		BRIDGE REPLACEMENT					1000
9	NORTH BRANCH TURKEY RIVER 4.3 MI E OF US 63		BRIDGE REPLACEMENT				805	
9	CRANE CREEK 1.4 MI W OF CO RD V26		BRIDGE DECK OVERLAY				287	
9	LITTLE WAPSIPINICON RIVER 0.1 MI W OF CO RD V10		BRIDGE DECK OVERLAY				228	
63	CHICKASAW CO TO IA 9 (46) HUMBOLDT	11.2	PAVEMENT REHAB	8028				
169	TRULNER CREEK 0.2 MI S OF CO RD C20 (48) IOWA		BRIDGE DECK OVERLAY				420	
80	CO RD V38 (EB & WB)		BRIDGE DECK OVERLAY TRAFFIC SIGNS		966 80			
80	EB REST AREA NEAR VICTOR (49) JACKSON		REST AREA IMPROVEMENT			4150		
52	MISSISSIPPI RIVER IN SABULA (STATE SHARE)		BRIDGE DECK OVERLAY	600				
52	US 67 TO 0.5 MI S OF BELLEVUE	19.2	PAVEMENT REHAB	1900				
52	MISSISSIPPI RIVER BRIDGE TO N OF SABULA	2.0	GRADE AND PAVE				24608	
52	MISSISSIPPI RIVER IN SABULA (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20
62	MAQUOKETA RIVER 1.1 MI E OF IA 64		BRIDGE DECK OVERLAY		775			
64	US 61 TO IA 62 IN MAQUOKETA (STATE SHARE)	1.7	PAVEMENT REHAB		3600			
64	PRAIRIE CREEK 0.4 MI E OF IA 62		BRIDGE DECK OVERLAY				360	
64	STREAM 0.1 MI W OF CO RD E29		BRIDGE DECK OVERLAY				300	

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(50) JASPER								
6	DITCH 0.2 MI E OF CO RD T12		BRIDGE REPLACEMENT			625		
6	W OF E14TH ST TO IOWA SPEEDWAY DR IN NEWTON STATE SHARE	1.1	PAVEMENT REHAB	600				
14	ALLOWAY CREEK 1.6 MI S OF IA 224		BRIDGE REPLACEMENT				860	
65	1.0 MI N OF IA 117 TO 0.5 MI S OF US 30	12.1	PAVEMENT REHAB	4340				
80	2.5 MI E OF IA 224 TO 1.0 MI W OF IA 146 (EB & WB)	8.0	PAVEMENT REHAB		4854			
80	NORTH SKUNK RIVER 2.1 MI E OF IA 224	2.0	BRIDGE REPLACEMENT EROSION CONTROL GRADE AND PAVE PAVING TRAFFIC SIGNS	6376 52	2393 7104 55		394	
80	SOUTH SKUNK RIVER 2.5 MI W OF IA 117 (EB & WB)		BRIDGE DECK OVERLAY		2023			
80	CHERRY CREEK 1.2 MI W OF IA 14 (EB & WB)		BRIDGE DECK OVERLAY					800
80	0.9 MI E OF CO RD T14/IOWA SPEEDWAY DR		SLOPE IMPROVEMENT	50				
117	STREAM 0.5 MI S OF CO RD F24		BRIDGE DECK OVERLAY		190			
117	SQUAW CREEK 1.7 MI N OF CO RD S6G		BRIDGE DECK OVERLAY			270		
117	0.2 MI S OF I-80		SLOPE IMPROVEMENT	10				
163	WALNUT CREEK 2.4 MI W OF IA 117 (EB)		BRIDGE DECK OVERLAY	377				
330	4.1 MI AND 5.7 MI N OF US 65		PIPE CULVERTS RIGHT OF WAY	269 7				
(51) JEFFERSON								
1	S OF LIBERTYVILLE RD TO FILLMORE AVE IN FAIRFIELD	0.5	GRADE AND PAVE RIGHT OF WAY			3500 5		
1	BIG CEDAR CREEK 2.8 MI S OF US 34		BRIDGE REHABILITATION				960	

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
1	SOUTH WALNUT CREEK 5.7 MI S OF S JCT IA 78		BRIDGE DECK OVERLAY	517				
1	MIDDLE WALNUT CREEK 3.1 MI S OF S JCT IA 78		BRIDGE DECK OVERLAY			330		
	(52) JOHNSON							
1	STREAM 0.6 MI N OF CO RD F52		CULVERT REPLACEMENT	1061				
1	OLD WOMANS CREEK 0.6 MI S OF CO RD F52		BRIDGE REPLACEMENT MITIGATION	1985 13				
1	OLD MANS CREEK 1.5 MI S OF CO RD F52		BRIDGE REPLACEMENT	3264				
1	STREAM 2.1 MI S OF CO RD F52		BRIDGE REPLACEMENT	751				
1	OLD MANS CREEK OVERFLOW 0.8 MI S OF CO RD F52		BRIDGE REPLACEMENT	1312				
1	E BURLINGTON ST TO N GOVERNOR ST IN IOWA CITY (SB) STATE SHARE	1.2	GRADE AND PAVE				3100	
1	CAPITOL ST TO RIVERSIDE DR IN IOWA CITY (STATE SHARE)	0.3	PAVEMENT REHAB	250				
6	BUFFALO CREEK 4.9 MI E OF CO RD W38		BRIDGE DECK OVERLAY				240	
80	PRAIRIE DU CHIEN RD NE 1.3 MI W OF IA 1		BRIDGE DECK OVERLAY				320	
80	1ST AVE INTERCHANGE IN CORALVILLE STATE SHARE	0.2	BRIDGE REPLACEMENT GRADE AND PAVE LIGHTING TRAFFIC SIGNALS TRAFFIC SIGNS					3000 16225 300 400 300
80	0.1 MI E OF IOWA CO TO 0.1 MI W OF CEDAR CO		PIPE CULVERTS RIGHT OF WAY	2106 1				
80	CIC RAILWAY 3.0 MI E OF I-380 (EB & WB)		BRIDGE DECK OVERLAY					1000
80	EAGLE AVE 6.1 MI W OF I-380		BRIDGE DECK OVERLAY			360		

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
80	I-380/US 218 INTERCHANGE NEAR IOWA CITY STATE SHARE	0.5	BRIDGE NEW BRIDGE REHABILITATION BRIDGE REPLACEMENT BRIDGE WIDENING CULVERT EXTENSION EROSION CONTROL GRADE AND PAVE GRADING LIGHTING MITIGATION RIGHT OF WAY TRAFFIC SIGNS	8122 9145 8512 933 28669 6191 1016 70 4969	5427 319 19531 312 76597 1993 150 12798	17495 29144 12635 4548	11526 4342	 2520
80	1.5 MI E OF IA 1 TO 0.5 MI E OF CO RD X30	8.0	BRIDGE REPLACEMENT CULVERT EXTENSION GRADE AND PAVE GRADING LIGHTING MITIGATION PAVING RIGHT OF WAY TRAFFIC SIGNS	 710 675	9027 1824 20791 250 105	 175 27395 563	5187 685 29267 424	 15557
380	W FOREVERGREEN RD INTERCHANGE 2.0 MI N OF I-80 IN TIFFIN STATE SHARE		TRAFFIC SIGNALS		400			
380	CO RD F12 INTERCHANGE (53) JONES		BRIDGE DECK OVERLAY			500		
1	LINN CO TO US 151 AT VARIOUS LOCATIONS		PIPE CULVERTS RIGHT OF WAY				1076 4	
38	WAPSIPINICON RIVER 0.6 MI N OF S JCT CO RD E45		BRIDGE DECK OVERLAY			880		
38	E JCT IA 64 TO US 151	13.6	PAVEMENT REHAB	593				
136	STREAM 0.2 MI N OF CO RD E45		BRIDGE REPLACEMENT			1443		
151	KITTY CREEK 1.1 MI S OF CO RD X44 (SB)		BRIDGE REPLACEMENT					750

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(54) KEOKUK								
21	IA 149 TO N 1ST ST IN DELTA	13.0	GRADE AND PAVE RIGHT OF WAY	13779 1				
21	NCL OF WHAT CHEER TO N OF IA 85	11.7	PAVEMENT REHAB	4100				
21	N 1ST ST TO 6TH ST IN DELTA (STATE SHARE)	0.4	PAVEMENT REHAB	150				
78	DME RR 8.8 MI E OF IA 149		BRIDGE REPLACEMENT			3000		
78	RICHLAND CREEK 5.8 MI E OF IA 149		BRIDGE REPLACEMENT				575	
92	IA 21 AND CO RD V33 INTERSECTIONS	1.0	GRADE AND PAVE RIGHT OF WAY			5800 5		
92	CLEAR CREEK 2.5 MI W OF CO RD W15		BRIDGE DECK OVERLAY		338			
(55) KOSSUTH								
15	LOTTS CREEK 6.3 MI S OF CO RD A42		BRIDGE REPLACEMENT				500	
169	BLACK CAT CREEK 4.2 MI N OF US 18		BRIDGE REPLACEMENT			1400		
(56) LEE								
2	US 218 TO US 61	8.7	PAVE SHOULDER PAVEMENT PLANING	1300 1033				
2	LICK CREEK 4.3 MI E OF IA 81		BRIDGE REPLACEMENT			1500		
2	SUGAR CREEK 1.8 MI W OF US 218		BRIDGE REPLACEMENT RIGHT OF WAY		3989 10			
19	MISSISSIPPI RIVER IN KEOKUK		TRAFFIC SIGNS	200				
19	SOAP CREEK AND BNSF RR 1.8 MI E OF US 61 IN KEOKUK		BRIDGE DECK OVERLAY					1000
136	MISSISSIPPI RIVER IN KEOKUK (STATE SHARE)		BRIDGE DECK OVERLAY			5000		
136	MISSISSIPPI RIVER IN KEOKUK (STATE SHARE)		BRIDGE CLEANING	20	20	20	20	20

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
218	US 61 TO IA 27	9.6	PAVE SHOULDER PAVEMENT PLANING	1700 2054				
	(57) LINN							
13	1.0 MI N OF COUNTY HOME RD TO 2.0 MI S OF CENTRAL CITY (SB)	4.2	CULVERT EXTENSION GRADE AND PAVE TRAFFIC SIGNS	159 9293 88				
30	IA 1 INTERCHANGE IN MOUNT VERNON		TRAFFIC SIGNS				75	
30	MOUNT VERNON/LISBON BYPASS FROM W OF WILCOX RD TO CHARLES AVE	6.0	EROSION CONTROL PAVEMENT REHAB	164 2140				
30	CEDAR RIVER 0.5 MI W OF E JCT US 151 (EB)		BRIDGE REPLACEMENT RIGHT OF WAY TRAFFIC SIGNS		10432 1 55			
30	UP RR 1.6 MI W OF E JCT US 218 (WB)		BRIDGE DECK OVERLAY				1500	
30	CIC RR 0.8 MI W OF I-380 IN CEDAR RAPIDS (EB)		BRIDGE DECK OVERLAY					800
151	EAST BIG CREEK 1.1 MI S OF CO RD X20 (SB)		BRIDGE DECK OVERLAY		269			
151	CRABAPPLE CREEK 2.9 MI N OF N JCT IA 13 (NB)	0.5	BRIDGE REPLACEMENT PAVING TRAFFIC SIGNS				743 3649 150	
380	BLAIRS FERRY RD 0.6 MI N OF IA 100		BRIDGE DECK OVERLAY					1100
380	CC RR AND ASH PIT 2.9 MI S OF IA 100 IN CEDAR RAPIDS (NB & SB)		BRIDGE REHABILITATION				700	
380	GLASS RD 1.1 MI S OF IA 100 IN CEDAR RAPIDS		BRIDGE DECK OVERLAY		808			
380	CC RR 2.5 MI S OF IA 100 (NB)		BRIDGE DECK OVERLAY	2089				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
380	TOWER TERRACE INTERCHANGE IN HIAWATHA STATE SHARE	0.5	BRIDGE REPLACEMENT CULVERT EXTENSION GRADE AND PAVE LIGHTING RIGHT OF WAY TRAFFIC SIGNALS TRAFFIC SIGNS			6232 576 6587 90 1100 450 1550		
380	US 30 INTERCHANGE IN CEDAR RAPIDS	1.0	PAVEMENT REHAB	7034				
380	BOYSON RD INTERCHANGE IN HIAWATHA	0.5	BRIDGE REPLACEMENT GRADE AND PAVE LIGHTING TRAFFIC SIGNALS TRAFFIC SIGNS					6486 6969 85 450 1070
380	CO RD E16 TO IA 150 (NB & SB)	7.5	PAVEMENT REHAB	7837				
380	27TH AVE 1.7 MI N OF US 30		BRIDGE DECK OVERLAY					600
380	SB REST AREA 3.0 MI S OF CEDAR RAPIDS	0.2	GRADE AND PAVE REST AREA IMPROVEMENT				1352 4532	
922	29TH ST NE TO 31ST ST NE IN CEDAR RAPIDS (STATE SHARE)	0.2	GRADE AND PAVE	500				
922	WCL TO 16TH AVE SW IN CEDAR RAPIDS (STATE SHARE)	1.6	PAVEMENT REHAB	3395				
	(58) LOUISA							
61	0.5 MI N OF IA 78 TO 2.0 MI S OF IA 92		RIGHT OF WAY					5800
78	HONEY CREEK 1.8 MI W OF US 61		BRIDGE REPLACEMENT			2221		
92	LITTLE INDIAN CREEK 1.9 MI W OF S JCT US 61		BRIDGE DECK OVERLAY			275		
	(59) LUCAS							
14	1.2 MI N OF N JCT CO RD H50		CULVERT REPLACEMENT RIGHT OF WAY		437 2			
34	STREAM 2.1 MI E OF E JCT US 65		BRIDGE REPLACEMENT			1973		

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
34	LITTLE WHITE BREAST CREEK 2.5 MI W OF CO RD S56 (60) LYON		BRIDGE DECK OVERLAY				240	
9	SOUTH DAKOTA EAST 0.5 MI	0.5	GRADE AND PAVE RIGHT OF WAY			300 25		
9	WCL LARCHWOOD TO FAIRLAMB ST IN ROCK RAPIDS (61) MADISON	14.0	PAVEMENT REHAB	5364				
169	NORTH RIVER 3.5 MI N OF N JCT IA 92 (62) MAHASKA		BRIDGE DECK OVERLAY			500		
23	TRIBUTARY OF CEDAR CREEK 0.8 MI N OF CO RD T67		BRIDGE REPLACEMENT				690	
63	NW BYPASS OF OSKALOOSA	4.0	GRADING MITIGATION RIGHT OF WAY				6100	14152 500
92	MUCHAKINOCK CREEK 1.3 MI W OF IA 163		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY		3899 120			
				10				
92	NORTH SKUNK RIVER 2.2 MI E OF E JCT CO RD V13 (63) MARION		BRIDGE REPLACEMENT			3900		
5	WHITE BREAST CREEK 2.7 MI N OF IA 14 (SB)		BRIDGE DECK OVERLAY	588				
5	S JCT IA 92		BRIDGE DECK OVERLAY				1200	
5	WALNUT CREEK 0.9 MI N OF CO RD G76		BRIDGE REPLACEMENT					920
14	BRUSH CREEK 0.2 MI S OF CO RD G28		BRIDGE REPLACEMENT					3500
14	0.6 MI S OF CO RD G18		PIPE CULVERTS RIGHT OF WAY		70 5			
14	SCL TO NCL IN KNOXVILLE	1.7	PAVEMENT REHAB	1603				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
92	OLD HIGHWAY 92 3.9 MI E OF E JCT IA 5 (64) MARSHALL		BRIDGE DECK OVERLAY					1000
14	CO RD E18 TO W JCT IA 175 (65) MILLS	11.4	PAVEMENT REHAB PAVEMENT WIDEN	4031 1730				
29	KEG CREEK 1.0 MI S OF S JCT US 34 (NB)		BRIDGE DECK OVERLAY	485				
29	REST AREA N OF US 34 (NB)		REST AREA IMPROVEMENT		4149			
34	MISSOURI RIVER N OF PLATTSMOUTH NEBRASKA STATE SHARE		BRIDGE CLEANING	45	45	45	45	45
34	BNSF RR 0.9 MI E OF CO RD L55		BRIDGE REHABILITATION				1500	
34	DOUGLAS CREEK 0.7 MI E OF W JCT CO RD H34 (66) MITCHELL		BRIDGE REHABILITATION					750
9	WAPSIPINICON RIVER 1.5 MI E OF E JCT CO RD T62		BRIDGE DECK OVERLAY				264	
9	LITTLE CEDAR RIVER 4.0 MI E OF E JCT US 218		BRIDGE DECK OVERLAY				374	
9	ROCK CREEK 5.8 MI W OF W JCT US 218		BRIDGE DECK OVERLAY				225	
9	SOAP CREEK 6.1 MI E OF E JCT US 218		BRIDGE DECK OVERLAY				238	
9	CEDAR RIVER 2.0 MI W OF W JCT US 218 (67) MONONA		BRIDGE DECK OVERLAY				410	
29	CO RD E60 TO CO RD E24 (VAR RAMP LOC)	2.2	PAVEMENT REHAB		703			
141	2.5 MI E OF CO RD L32 TO 0.4 MI W OF CO RD L37	2.6	GRADING	3956				
141	SKUNK CREEK 3.8 MI E OF CO RD L32		BRIDGE REPLACEMENT MITIGATION	1417 25				
141	MIDDLE SOLDIER RIVER 1.6 MI E OF IA 183		BRIDGE DECK OVERLAY			440		

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
175	MISSOURI RIVER E OF DECATUR NEBRASKA (STATE SHARE)		BRIDGE CLEANING	37	37	37	37	37
175	MISSOURI RIVER E OF DECATUR NEBRASKA (STATE SHARE)		BRIDGE REHABILITATION	37	37	37	37	37
175	MCCANDLESS CLEGHORN DITCH 0.6 MI E OF I-29 IN ONAWA		BRIDGE REPLACEMENT				1275	
175	MAPLE RIVER 1.0 MI W OF E JCT IA 141		BRIDGE REPLACEMENT			2000		
175	DITCH 1.9 MI W OF E JCT IA 141		BRIDGE DECK OVERLAY			220		
175	DITCH 3.0 MI E OF CO RD L12		BRIDGE DECK OVERLAY				540	
175	MAPLE RIVER 3.8 MI E OF CO RD L20		BRIDGE DECK OVERLAY				660	
	(68) MONROE							
5	0.1 MI S OF CO RD T19		PIPE CULVERTS RIGHT OF WAY		273 6			
34	BNSF RR 4.5 MI W OF IA 5		BRIDGE DECK OVERLAY				300	
	(69) MONTGOMERY							
34	MIDDLE NODAWAY RIVER 3.0 MI E OF US 71		BRIDGE DECK OVERLAY				550	
34	W OF IA 48 TO CO RD H34	3.6	GRADE AND PAVE					12000
34	WEST NODAWAY RIVER 0.3 MI W OF US 71 (EB)		BRIDGE DECK OVERLAY			610		
48	E NISHNABOTNA RIVER 1.9 MI S OF CO RD H14		BRIDGE DECK OVERLAY		490			
	(70) MUSCATINE							
6	SUGAR CREEK 1.7 MI W OF W JCT IA 38		BRIDGE DECK OVERLAY				600	
6	IAIS RR 1.2 MI E OF IA 38		BRIDGE DECK OVERLAY				360	
6	SUGAR CREEK 2.3 MI W OF IA 38		BRIDGE DECK OVERLAY			460		
6	1.2 MI E OF CO RD X46 TO 1.1 MI W OF IA 38 (VAR LOC)		RIGHT OF WAY SLOPE IMPROVEMENT		3 245			

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
22	WAPSINONOC CREEK 1.6 MI E OF W JCT IA 70		BRIDGE DECK OVERLAY					600
38	IA 92 TO HARRISON ST IN MUSCATINE (STATE SHARE)	1.3	PAVEMENT REHAB	600				
92	MISSISSIPPI RIVER IN MUSCATINE (STATE SHARE)		BRIDGE REHABILITATION					200
92	MISSISSIPPI RIVER IN MUSCATINE (STATE SHARE)		BRIDGE CLEANING	25	25	25	25	25
	(71) O'BRIEN							
10	MUD CREEK 1.9 MI W OF CO RD L48		BRIDGE REPLACEMENT RIGHT OF WAY				1446 10	
18	WATERMAN CREEK 1.3 MI W OF CO RD M12		BRIDGE REPLACEMENT	1885				
59	DRY RUN 0.4 MI N OF N JCT IA 10		BRIDGE DECK OVERLAY				360	
59	ABANDONED RR 0.9 MI S OF CO RD B40 (REMOVE BRIDGE)	0.2	GRADE AND PAVE RIGHT OF WAY		2843 10			
59	DRY RUN 5.1 MI N OF N JCT IA 10		BRIDGE DECK OVERLAY		450			
	(72) OSCEOLA							
59	0.1 MI N OF CO RD A18		CULVERT REPLACEMENT RIGHT OF WAY	472 10				
	(73) PAGE							
59	EAST NISHNABOTNA RIVER 1.0 MI N OF IA 48		BRIDGE REPLACEMENT			4708		
	(74) PALO ALTO							
4	DITCH 3.0 MI N OF N JCT US 18		BRIDGE DECK OVERLAY					300
4	0.1 MI S OF 390TH ST		RIGHT OF WAY RIP RAP	1 32				
18	CYLINDER CREEK AT W JCT CO RD N60		BRIDGE REPLACEMENT			2060		
18	PRAIRIE CREEK 2.8 MI W OF W JCT IA 15		BRIDGE REPLACEMENT					950

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
18	CO RD N18 TO ADAMS ST IN EMMETSBURG	11.8	PAVE SHOULDER	2374				
18	W FORK DES MOINES RIVER 2.5 MI E OF W JCT IA 4 (75) PLYMOUTH		BRIDGE DECK OVERLAY			410		
3	MINK CREEK 0.4 MI W OF CO RD K42		BRIDGE DECK OVERLAY			275		
3	STREAM 1.0 MI W OF CO RD K42		BRIDGE DECK OVERLAY		103			
3	DITCH 1.6 MI W OF CO RD K42		CULVERT REPLACEMENT RIGHT OF WAY	772 10				
12	INDIAN CREEK 4.0 MI N OF CO RD C16		BRIDGE REPLACEMENT RIGHT OF WAY		2100 10			
75	N OF MAPLE ST IN HINTON TO S OF 2ND ST IN MERRILL (NB)	6.4	CULVERT REPLACEMENT GRADE AND PAVE			1000 17186		
75	WOODBURY CO TO S OF W GROVER ST IN HINTON (NB)		EROSION CONTROL		382			
75	DITCH 2.6 MI S OF CO RD C44 (SB)		BRIDGE DECK OVERLAY	175				
75	N OF MAPLE ST IN HINTON TO S OF 2ND ST IN MERRILL (SB)	6.4	EROSION CONTROL GRADE AND PAVE				18007	374
75	WOODBURY CO TO S OF W GROVER ST IN HINTON (SB)	4.8	BRIDGE REPLACEMENT CULVERT REPLACEMENT GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNS	1553 1436 10084 5 135				
140	CLEAR CREEK 2.8 MI S OF IA 3		BRIDGE DECK OVERLAY				180	
140	RATHBURN CREEK 3.3 MI S OF CO RD C38		BRIDGE DECK OVERLAY				300	
140	W FORK LITTLE SIOUX RIVER 1.5 MI N OF CO RD C66		BRIDGE DECK OVERLAY				420	
404	FLOYD RIVER 0.4 MI N OF IA 3 (SB)		BRIDGE DECK OVERLAY			330		

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(76) POCAHONTAS								
3	BIG CEDAR CREEK 6.3 MI W OF IA 4		BRIDGE REPLACEMENT					950
(77) POLK								
17	IA 141 TO 1.0 MI S OF MADRID	7.9	PAVEMENT REHAB	4477				
28	WALNUT CREEK 0.4 MI S OF I-235 IN DES MOINES		BRIDGE DECK OVERLAY	787				
28	RACCOON RIVER 3.7 MI N OF IA 5 (SB)		BRIDGE REPLACEMENT			5728		
28	IA 5 TO LINCOLN ST IN WEST DES MOINES	4.3	PAVE SHOULDER	1320				
35	IN ANKENY FROM N OF ORALABOR RD TO NE 36TH ST	4.0	BRIDGE REPLACEMENT	4823				
			CULVERT NEW	1049				
			EROSION CONTROL		285			
			GRADE AND PAVE	14900				
			LIGHTING	123				
			MITIGATION	25				
			TRAFFIC SIGNALS	775				
			TRAFFIC SIGNS	482				
35	N OF NE 54TH AVE TO S OF E 1ST ST IN ANKENY	4.7	PAVEMENT REHAB		3500			
35	I-80/235 INTERCHANGE NE OF DES MOINES	0.9	BRIDGE NEW			34614		
			EROSION CONTROL					417
			GRADE AND PAVE				12400	
			GRADING			5500		
			LIGHTING				1193	
			RIGHT OF WAY		1900			
			TRAFFIC SIGNS		500		4889	
35	NE 36TH ST IN ANKENY TO N OF IA 210	7.0	BRIDGE REPLACEMENT				6554	
			CULVERT REPLACEMENT				300	
			GRADING				16000	
			PAVING					30000
			RIGHT OF WAY			4000		
			TRAFFIC SIGNS				1525	414
65	IA 5 TO IA 163		MITIGATION	35				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
65	SKUNK RIVER 7.6 MI N OF I-80 (NB)		BRIDGE DECK OVERLAY			770		
65	BONDURANT TO CO RD S27		MITIGATION	75				
65	SE ARMY POST RD EXIT SB RAMP		PIPE CULVERTS RIGHT OF WAY	84 3				
65	SE 64TH AVE 1.0 MI N OF IA 5 (NB & SB)		BRIDGE DECK OVERLAY				1720	
69	FOURMILE CREEK 0.3 MI N OF CO RD F22		BRIDGE REPLACEMENT				1500	
69	AT SE SHURFINE DR IN ANKENY (STATE SHARE)	0.2	GRADE AND PAVE	450				
69	FOURMILE CREEK 0.8 MI S OF CO RD F22		BRIDGE REPLACEMENT RIGHT OF WAY				1500 6	
69	DES MOINES RIVER TO N OF MAURY AVE IN DES MOINES STATE SHARE	1.0	PAVEMENT WIDEN RIGHT OF WAY TRAFFIC SIGNALS			500 2 250		
69	I-80 TO SE 33RD ST IN ANKENY	3.6	EROSION CONTROL GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNALS TRAFFIC SIGNS	1700	18252 750 50	200		
69	FOURMILE CREEK 0.1 MI S OF CO RD F22		BRIDGE REPLACEMENT				1198	
80	NE I-35/235 INTERCHANGE TO W US 65		BRIDGE REPLACEMENT GRADING					6500 11800
80	DOUGLAS AVE TO E OF 100TH ST	0.6	EROSION CONTROL GRADE AND PAVE LIGHTING TRAFFIC SIGNALS TRAFFIC SIGNS	16500 2882 688 3853	250			
80	NW 72ND ST 1.0 MI W OF IA 28 (EB & WB)		BRIDGE REHABILITATION					1500
80	UNIVERSITY AVE IN WEST DES MOINES	1.0	GRADE AND PAVE TRAFFIC SIGNALS TRAFFIC SIGNS		1100 150 125			

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
80	US 65 TO JASPER CO (WB)	7.3	PAVEMENT PLANING	417				
80	EB REST AREA 2.0 MILES W OF MITCHELLVILLE		REST AREA IMPROVEMENT					4735
141	IA 44 INTERCHANGE IN GRIMES (EB & WB)		BRIDGE DECK OVERLAY					1050
141	NW 121ST ST INTERSECTION INCL LOCAL RD CONNECTIONS	1.0	GRADE AND PAVE LIGHTING TRAFFIC SIGNS					7665 60 75
160	DMACC BLVD IN ANKENY (STATE SHARE)	0.2	PAVEMENT WIDEN	500				
235	SW I-35/80 INTERCHANGE TO NE I-35/80 INTERCHANGE		LANDSCAPING	100				
235	SW I-35/80 INTERCHANGE TO NE I-35/80 INTERCHANGE		LIGHTING	300				
415	E EUCLID AVE IN DES MOINES TO NW 72ND PLACE STATE SHARE	4.4	PAVEMENT REHAB	3500				
415	CO RD R6F/NW BEAVER DR INTERSECTION (STATE SHARE) (78) POTTAWATTAMIE	0.2	GRADE AND PAVE		400			
29	CO RD G12 0.4 MI N OF N JCT I-680	0.5	BRIDGE REPLACEMENT GRADE AND PAVE LIGHTING RIGHT OF WAY TRAFFIC SIGNS			1684 1938 80		
				10		250		
29	DITCH 0.5 MI S OF N JCT I-680		BRIDGE REPLACEMENT RIGHT OF WAY		1679			
				5				
29	DITCH 1.6 MI S OF N JCT I-680		BRIDGE REPLACEMENT RIGHT OF WAY		900			
				5				
29	DITCH 2.4 MI S OF N JCT I-680		BRIDGE REPLACEMENT RIGHT OF WAY TRAFFIC SIGNS		1161			
				5	60			
59	E BRANCH W NISHNABOTNA RIVER 1.0 MI S OF IA 83		BRIDGE REPLACEMENT				2875	

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
59	STREAM 2.4 MI N OF IA 92		BRIDGE DECK OVERLAY			249		
59	I-80 INTERCHANGE AT AVOCA (NB & SB)		BRIDGE DECK OVERLAY			960		
59	STREAM 0.2 MI S OF CO RD G30 IN HANCOCK		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY	10	966 100			
80	I-680 INTERCHANGE (WB)		BRIDGE DECK OVERLAY		547			
80	CO RD L66 TO CO RD M47 (VAR RAMP LOC)	3.1	PAVEMENT REHAB	2457				
80	W NISHNABOTNA RIVER TO 1.0 MI E OF REST AREA (WB)	5.6	PAVEMENT REHAB			1406		
80	MISSOURI RIVER IN COUNCIL BLUFFS (EB & WB) STATE SHARE		BRIDGE CLEANING	42	42	42	42	42
80	I-29/80/480 INTERSTATES IN COUNCIL BLUFFS (CBIS) STATE SHARE	4.0	BRIDGE NEW BRIDGE PAINTING BRIDGE REPLACEMENT GRADE AND PAVE GRADING LANDSCAPING LIGHTING MITIGATION NOISE WALL PAVEMENT MARKINGS PAVEMENT REHAB TRAFFIC SIGNALS TRAFFIC SIGNS	10665 22400 3000 1110 1070 351 775 1803 330 2890	37885 240 53080 95320 2500 1950 1222 5555 865 305 635 3116 5455	31370 290 42330 2500 1428 575 175 600		650
80	IDLEWOOD RD 4.6 MI E OF US 6 (EB & WB)		BRIDGE DECK OVERLAY					1600
80	CO RD L66 TO 3.5 MI E OF US 59		GUARDRAIL	2200				
80	CO RD M16 INTERCHANGE AT SHELBY		BRIDGE DECK OVERLAY			420		
80	3.5 MI E OF US 59 TO CO RD N16		GUARDRAIL	1864				
80	KEG CREEK 0.8 MI E OF CO RD L66 (EB & WB)		BRIDGE REHABILITATION				400	
92	JORDAN CREEK 3.5 MI E OF US 59		BRIDGE DECK OVERLAY			400		

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
92	SILVER CREEK 2.8 MI E OF TREYNOR		BRIDGE DECK OVERLAY					400
92	GRAYBILL CREEK 1.2 MI E OF E JCT US 59		BRIDGE DECK OVERLAY				360	
275	MISSOURI RIVER IN COUNCIL BLUFFS (STATE SHARE)		BRIDGE CLEANING	57	57	57	57	57
480	MISSOURI RIVER IN COUNCIL BLUFFS STATE SHARE		BRIDGE CLEANING BRIDGE DECK OVERLAY BRIDGE PAINTING	30	30 1186	30	30 2372	30
680	MISSOURI RIVER IN COUNCIL BLUFFS (EB & WB) STATE SHARE		BRIDGE CLEANING	48	48	48	48	48
680	AT W JCT I-29 (EB & WB)		BRIDGE DECK OVERLAY					2000
680	MOSQUITO CREEK 0.5 MI E OF IA 191 (WB)		BRIDGE REHABILITATION				1000	
680	POTATO CREEK 0.8 MI E OF CO RD L34 (EB & WB) (79) POWESHIEK		BRIDGE DECK OVERLAY		1330			
6	STONY CREEK 0.4 MI W OF CO RD V18		BRIDGE REHABILITATION	177				
6	PENROSE ST TO OAK ST IN GRINNELL		GRADING		100			
6	ROCK CREEK 0.7 MI E OF W JCT IA 21		BRIDGE DECK OVERLAY			220		
21	1.8 MI TO 2.5 MI N OF IA 85		RIGHT OF WAY SLOPE IMPROVEMENT	2 98				
63	W JCT US 6 TO SCL TAMA	14.3	GRADE AND PAVE					10000
80	CO RD V18 4.5 MI W OF IA 21 (EB)		BRIDGE DECK OVERLAY TRAFFIC SIGNS	443 75				
80	1.1 MI W OF US 63 AND 0.7 MI E OF IA 21		RIP RAP		60			

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
80	1.0 MI W OF IA 146 TO 2.0 MI E OF IA 146	3.0	BRIDGE REPLACEMENT EROSION CONTROL GRADE AND PAVE GRADING LIGHTING PAVING RIGHT OF WAY TRAFFIC SIGNS	5498 5000 150 300	 82 6500 82	6989 9500 86 86	358	
146	11TH AVE IN GRINNELL TO TAMA CO	7.5	PAVEMENT REHAB	2900				
146	3.5 MI S OF I-80 (80) RINGGOLD		SLOPE IMPROVEMENT	20				
169	STREAM 0.1 MI N OF MISSOURI		BRIDGE REPLACEMENT				920	
169	MIDDLE FORK GRAND RIVER 5.3 MI S OF IA 2 (81) SAC		BRIDGE REPLACEMENT RIGHT OF WAY	8	1495			
20	W OF ADAMS AVE TO W OF US 71		MITIGATION TRAFFIC SIGNS	100 75				
39	PORTER CREEK 2.4 MI S OF CO RD D59		BRIDGE REHABILITATION RIGHT OF WAY		534 1			
71	N OF US 20 TO S OF S JCT IA 7 (82) SCOTT	8.8	PAVEMENT REHAB RIGHT OF WAY	4025 6				
6	BRADY ST TO ELMORE AVE IN DAVENPORT	2.2	PAVEMENT REHAB	2300				
6	I-280 INTERCHANGE IN DAVENPORT		BRIDGE REHABILITATION			1870		
22	DODGE CREEK 1.1 MI S OF CO RD Y48		BRIDGE DECK OVERLAY			275		
61	N OF I-80 TO 0.3 MI S OF WAPSIPINICON RIVER		PIPE CULVERTS RIGHT OF WAY				807 10	

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
61	I-80 INTERCHANGE IN DAVENPORT (SB)		BRIDGE DECK OVERLAY TRAFFIC SIGNS	520 125				
67	MISSISSIPPI RIVER IN DAVENPORT (STATE SHARE)		BRIDGE PAINTING			3000		
67	MISSISSIPPI RIVER IN DAVENPORT (STATE SHARE)		BRIDGE CLEANING	25	25	25	25	25
67	MISSISSIPPI RIVER IN DAVENPORT (STATE SHARE)		BRIDGE REHABILITATION	1000				
67	EAST RIVER ST TO FOREST RD IN DAVENPORT		MISCELLANEOUS		2374			
74	E 53RD ST TO MIDDLE RD (VAR RAMP LOC)	3.2	PAVEMENT REHAB	1261				
74	MISSISSIPPI RIVER IN BETTENDORF (NB & SB) (STATE SHARE)		BRIDGE CLEANING		50	50	50	50
74	IN BETTENDORF AND DAVENPORT (CENTRAL SECTION) STATE SHARE	1.2	BRIDGE NEW BRIDGE REMOVAL BRIDGE REPLACEMENT GRADE AND PAVE LANDSCAPING MITIGATION TRAFFIC SIGNS	185 88241 2190 1952	 11037 14373 3936 90 1700			
80	IA 130 IN DAVENPORT (WB)		BRIDGE DECK OVERLAY	460				
80	UTICA RIDGE RD 3.3 MI E OF US 61		BRIDGE DECK OVERLAY					280
80	MISSISSIPPI RIVER IN LE CLAIRE		TRAFFIC SIGNS	100				
80	SW 35TH ST 1.6 MI W OF US 67 IN LE CLAIRE		BRIDGE DECK OVERLAY		200			
80	MISSISSIPPI RIVER IN LE CLAIRE (STATE SHARE)		BRIDGE CLEANING	100	100	100	100	100
80	1.1 MILES E OF CO RD Y40 TO CO RD Z30 (WB)		EROSION CONTROL	518				
80	WISCONSIN AVE 1.4 MI W OF IA 130		BRIDGE DECK OVERLAY					120
80	E OF IA 130 IN DAVENPORT TO CO RD Z30 (EB)	9.4	PAVEMENT REHAB			7689		
80	IA 130 IN DAVENPORT (EB)		BRIDGE DECK OVERLAY	465				
130	0.1 MI E OF CO RD F31 TO 2.0 MI W OF CO RD Y40		CULVERT REPLACEMENT	953				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
130	E BRANCH MUD CREEK 1.8 MI E OF CO RD Y40		BRIDGE DECK OVERLAY	201				
280	MISSISSIPPI RIVER IN DAVENPORT (STATE SHARE)		BRIDGE PAINTING		1000			
280	W OF IA 22 TO MISSISSIPPI RIVER (EB & WB)	1.3	GRADE AND PAVE		4024			
280	MISSISSIPPI RIVER IN DAVENPORT		TRAFFIC SIGNS	250				
280	MISSISSIPPI RIVER IN DAVENPORT (STATE SHARE)		BRIDGE REHABILITATION		17000			
280	I-280 EB OVER I-280 WB AT I-80 INTERCHANGE		BRIDGE DECK OVERLAY					300
280	MISSISSIPPI RIVER IN DAVENPORT (STATE SHARE)		BRIDGE CLEANING	25	25	25	25	25
280	0.6 MI S OF I-80 TO 0.2 MI S OF IA 22		PIPE CULVERTS RIGHT OF WAY	403 1				
461	CENTRAL PARK AVE TO 35TH ST IN DAVENPORT (SB)	0.6	PAVEMENT REHAB	900				
461	N OF 65TH ST IN DAVENPORT	0.2	GRADE AND PAVE	300				
461	DUCK CREEK 0.3 MI S OF US 6 IN DAVENPORT (SB)		BRIDGE REPLACEMENT					3300
461	DUCK CREEK 0.4 MI S OF US 6 IN DAVENPORT (NB)		BRIDGE REPLACEMENT				3630	
461	DME RR 1.0 MI E OF IA 22 IN DAVENPORT		BRIDGE DECK OVERLAY					1500
	(83) SHELBY							
44	MOSQUITO CREEK 0.3 MI E OF IA 191		BRIDGE DECK OVERLAY				720	
59	N OF POTTAWATTAMIE CO TO N OF IA 44 IN HARLAN	9.9	PAVE SHOULDER PAVEMENT REHAB/WIDEN	456 6008				
	(84) SIOUX							
10	BIG SIOUX RIVER AT SOUTH DAKOTA (STATE SHARE)		BRIDGE DECK OVERLAY					1300
12	DRY CREEK 0.3 MI S OF IA 10 IN HAWARDEN		BRIDGE DECK OVERLAY		609			
12	SIXMILE CREEK 2.0 MI N OF CO RD C12		BRIDGE DECK OVERLAY	172				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
75	IN SIOUX CENTER STATE SHARE	3.0	GRADE AND PAVE RIGHT OF WAY			250	20000	
	(85) STORY							
30	E OF W 18TH ST TO E OF CO RD S27 IN NEVADA (EB & WB)	3.9	GRADE AND PAVE	6292				
30	0.5 MI E OF I-35 TO E OF 590TH AVE	3.0	BRIDGE NEW EROSION CONTROL GRADING LIGHTING PAVING RIGHT OF WAY TRAFFIC SIGNS			2252 3882 89 8802 4000 270		300
30	CO RD S14 INTERSECTION IN NEVADA	0.2	BRIDGE NEW GRADE AND PAVE				1500 2500	
30	SOUTH SKUNK RIVER 1.2 MI W OF I-35 (EB & WB)		BRIDGE REPLACEMENT					9000
35	OLD WEIGH STATION SITE TO S OF US 30 (NB & SB)	6.0	PAVEMENT REHAB	1650				
35	SE RAMP OF THE US 30 INTERCHANGE		GRADING RIGHT OF WAY		75 1			
35	US 30 INTERCHANGE IN AMES		EROSION CONTROL TRAFFIC SIGNS	200 750				
65	CO RD E41 1.0 MI N OF US 30		BRIDGE REHABILITATION RIGHT OF WAY	867 1				
69	GRAND AVE IN AMES 0.1 MI N OF LINCOLN WAY		BRIDGE DECK OVERLAY			265		
69	WALNUT CREEK 0.2 MI N OF CO RD E57		BRIDGE REPLACEMENT					1000

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(86) TAMA								
30	W OF IA 21 TO 11TH AVE DR	1.0	BRIDGE NEW CULVERT REPLACEMENT GRADE AND PAVE LIGHTING RIGHT OF WAY TRAFFIC SIGNS		2119 560 11043 51 1100 179			
30	TAMA BYPASS TO W OF IA 21	11.5	CULVERT EXTENSION EROSION CONTROL GRADING LIGHTING PAVING PIPE CULVERTS TRAFFIC SIGNS		532 5094 60 22676 321 105	298		
30	IOWA RIVER OVERFLOW 0.6 MI W OF E JCT CO RD T47		BRIDGE NEW MITIGATION RIGHT OF WAY	3384 22 10				
63	NCL OF TRAER TO IA 58	13.2	PAVE SHOULDER	2100				
63	S OF TAMA (VAR LOC)		PIPE CULVERTS		30			
63	WOLF CREEK 0.3 MI N OF IA 8 IN TRAER		BRIDGE DECK OVERLAY				660	
(87) TAYLOR								
148	MIDDLE BRANCH 102 RIVER 2.8 MI S OF CO RD J20		BRIDGE DECK OVERLAY					300
(88) UNION								
34	FOUR MILE CREEK 2.0 MI E OF E JCT US 169		BRIDGE DECK OVERLAY					600
169	ABANDONED RR 2.7 MI N OF N JCT US 34 (REMOVE BRIDGE)	0.2	GRADE AND PAVE				1000	
(89) VAN BUREN								
1	LITTLE LICK CREEK 1.2 MI N OF S JCT IA 16		BRIDGE REPLACEMENT				3100	

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
1	0.1 MI N OF FRANKLIN ST IN KEOSAUQUA		CULVERT REPLACEMENT RIGHT OF WAY		748 3			
2	FOX RIVER 1.5 MI E OF CO RD V64 (90) WAPELLO		BRIDGE REHABILITATION					2000
34	BNSF RR 1.2 E OF W JCT US 63 IN OTTUMWA (EB & WB)		BRIDGE REHABILITATION					4000
34	E MAIN ST 1.4 MI E OF W JCT US 63 IN OTTUMWA		BRIDGE DECK OVERLAY		252			
34	BEAR CREEK 1.2 MI W OF CO RD H35		BRIDGE DECK OVERLAY			275		
34	BARDELL ST 0.5 MI E OF IA 149 IN OTTUMWA (WB)		BRIDGE DECK OVERLAY			390		
34	IA 149 INTERSECTION IN OTTUMWA	1.0	GRADE AND PAVE	242				
34	SOUTH AVERY CREEK 0.7 MI E OF CO RD T61		BRIDGE DECK OVERLAY				360	
63	CO RD J12 TO US 34 IN OTTUMWA	1.5	BRIDGE REPLACEMENT CULVERT NEW GRADE AND PAVE TRAFFIC SIGNALS TRAFFIC SIGNS	2109 238 6068 200 52				
63	VILLAGE CREEK 3.1 MI S OF US 34		BRIDGE WIDENING				1674	
63	LITTLE SOAP CREEK 1.9 MILES N OF DAVIS CO		BRIDGE REHABILITATION				1482	
149	W PARK BLVD 1.4 MI N OF US 34 IN OTTUMWA (91) WARREN		BRIDGE REPLACEMENT RIGHT OF WAY	1401 1				
5	SOUTH RIVER 0.2 MI N OF CO RD S31 (NB)		BRIDGE REPLACEMENT					3800
5	MIDDLE RIVER 1.5 MI S OF CO RD G16 (NB & SB)		BRIDGE DECK OVERLAY		503			
5	COAL CREEK 0.8 MI N OF IA 316 (NB)		BRIDGE DECK OVERLAY				480	
35	1.8 MILES S OF CO RD G14 TO 0.25 MI N OF ADAMS ST (NB)	3.3	GRADE AND PAVE TRAFFIC SIGNS					18788 350

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
35	CO RD G50 INTERCHANGE 4.7 MI S OF IA 92		BRIDGE DECK OVERLAY			360		
35	CO RD G64 INTERCHANGE		BRIDGE DECK OVERLAY			360		
35	N OF NORTH RIVER TO S OF BADGER CREEK (SB)	2.6	BRIDGE REPLACEMENT GRADE AND PAVE MITIGATION RIGHT OF WAY TRAFFIC SIGNS	200	2266 11849 350 298			
35	N OF IA 92 TO S OF NORTH RIVER (SB)	3.5	BRIDGE REPLACEMENT GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNS			200	2579 14429 179	
65	OTTER CREEK 1.6 MI S OF CO RD G58		BRIDGE REPLACEMENT					2200
92	N ST IN INDIANOLA TO W JCT IA 5 (STATE SHARE)		MITIGATION	14				
92	SOUTH RIVER 0.4 MI E OF E JCT CO RD S23		BRIDGE DECK OVERLAY	324				
316	IA 5 TO E OF BLEE ST NEAR SCL RUNNELLS (92) WASHINGTON	5.6	PAVEMENT REHAB	2940				
22	BULGERS RUN 4.8 MI E OF IA 1		CULVERT REPLACEMENT RIGHT OF WAY		1393 10			
92	E OF US 218 TO IA 70 IN COLUMBUS JUNCTION	2.8	CULVERT REPLACEMENT EROSION CONTROL GRADE AND PAVE MITIGATION RIGHT OF WAY TRAFFIC SIGNS			426	224 22970 1000 60	224
218	N FORK LONG CREEK 1.0 MI S OF IA 92 (NB) (93) WAYNE		BRIDGE DECK OVERLAY			500		
2	JACKSON CREEK 3.8 MI W OF CO RD S56		BRIDGE DECK OVERLAY					350

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
2	0.2 MI W OF WCL CORYDON TO APPANOOSE CO STATE SHARE	12.5	PAVEMENT REHAB	4748				
2	STEEL CREEK 2.0 MI E OF CO RD R69		BRIDGE DECK OVERLAY		560			
65	NORTH CALEB CREEK 2.0 MI S OF CO RD J46 (94) WEBSTER		BRIDGE REPLACEMENT				1150	
7	NORTH LIZARD CREEK 0.5 MI W OF US 169		BRIDGE DECK OVERLAY			660		
7	SOUTH LIZARD CREEK 0.8 MI E OF W JCT CO RD P29		BRIDGE DECK OVERLAY				480	
20	0.5 MI E OF CO RD P73 TO W JCT IA 17 (EB & WB)	4.8	GRADE AND PAVE	12600				
20	CO RD D20 AND UP RR 0.4 MI E OF CO RD D36 (EB)		BRIDGE DECK OVERLAY				1000	
20	DES MOINES RIVER 2.6 MI E OF US 169 (WB)		BRIDGE DECK OVERLAY		837			
926	BUSINESS US 20 OVER CN RR AND 7TH ST 1.5 MI N OF S JCT US 169 (WB)		BRIDGE REPLACEMENT				8000	
926	BUSINESS US 20 OVER DES MOINES RIVER AND B AVE 1.3 MI N OF S JCT US 169 (WB) (95) WINNEBAGO		BRIDGE REPLACEMENT				6500	
9	N US 69 INTERSECTION NEAR LELAND		TRAFFIC SIGNS				40	
9	DITCH 0.1 MI E OF CO RD R74		CULVERT REPLACEMENT	534				
69	PIKE RUN CREEK 0.5 MI N OF N JCT IA 9 (96) WINNESHIEK		BRIDGE DECK OVERLAY					450
52	UPPER IOWA RIVER 1.8 MI N OF IA 9		BRIDGE DECK OVERLAY			375		
52	STREAM AND TWIN SPRINGS RD 0.6 MI N OF IA 9		BRIDGE DECK OVERLAY		427			

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(97) WOODBURY								
12	WAR EAGLE DR TO PACQUETTTE AVE IN SIOUX CITY STATE SHARE	1.3	PAVEMENT REHAB RIGHT OF WAY	1795 2				
20	MORNINGSIDE AVE IN SIOUX CITY		BRIDGE DECK OVERLAY	492				
20	ABANDONED RR 0.1 MI E OF CO RD D25 (REMOVE BRIDGE)	0.3	GRADE AND PAVE				2700	
20	NEBRASKA TO US 75/IA 12 IN SIOUX CITY	4.2	PAVEMENT REHAB	10660				
20	PROPOSED RD 0.5 MI W OF IA 12 (EB & WB)		BRIDGE DECK OVERLAY					700
20	SERGEANT RD 2.1 MI W OF IA 12 (EB & WB)		BRIDGE DECK OVERLAY					1000
20	US 75/IA 12 INTERCHANGE IN SIOUX CITY		LIGHTING		60			
21	US 75/IA 12 IN SIOUX CITY TO LITTLE WHISKEY CR (EB & WB)	2.0	GRADE AND PAVE				11001	
29	CO RD K25 4.7 MI S OF US 20		BRIDGE DECK OVERLAY			360		
29	CO RD K35 4.2 MI N OF IA 141	0.1	GRADING RIGHT OF WAY	877 10				
29	CO RD D65 2.2 MI N OF IA 141	0.1	GRADING RIGHT OF WAY	898 10				
29	CO RD K25 (SALIX) INTERCHANGE 6.4 MI N OF IA 141		EROSION CONTROL	209				
29	I-129 INTERCHANGE IN SIOUX CITY		LIGHTING		874			
29	IA 141 INTERCHANGE	0.2	BRIDGE REPLACEMENT EROSION CONTROL GRADE AND PAVE LIGHTING TRAFFIC SIGNS				2126 9540 70 100	249
29	BIG SIOUX RIVER IN SIOUX CITY STATE SHARE		BRIDGE PAINTING RIP RAP	144	150			

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
29	RECONSTRUCTION IN SIOUX CITY	12.0	BRIDGE PAINTING EROSION CONTROL PAVEMENT MARKINGS TRAFFIC SIGNS	256 171 3436 418				
31	E JCT US 20 TO CO RD C66 IN WASHTA	8.2	PAVEMENT REHAB RIGHT OF WAY	5279 5				
31	LITTLE SIOUX RIVER 0.8 MI S OF US 20		BRIDGE DECK OVERLAY			660		
31	STREAM 3.2 MI S OF CO RD D22		BRIDGE DECK OVERLAY					400
31	STREAM 1.9 MI N OF CO RD D30		BRIDGE DECK OVERLAY					400
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	50		50	50	50
129	MISSOURI RIVER IN SIOUX CITY (STATE SHARE)		BRIDGE DECK OVERLAY		4970			
129	MISSOURI RIVER IN SIOUX CITY (STATE SHARE)		LIGHTING	71				
141	LITTLE SIOUX RIVER 0.7 MI E OF IA 31		BRIDGE REHABILITATION	789				
141	WOLF CREEK DITCH 1.8 MI E OF CO RD K64		BRIDGE REHABILITATION	723				
	(98) WORTH							
9	WILLOW CREEK 0.4 MI W OF I-35		BRIDGE DECK OVERLAY				200	
9	I-35 INTERCHANGE		BRIDGE DECK OVERLAY			780		
9	SHELL ROCK RIVER 0.1 MI E OF W JCT CO RD S56		BRIDGE DECK OVERLAY	333				
9	BEAVER CREEK 0.5 MI W OF CO RD S18		BRIDGE REPLACEMENT RIGHT OF WAY			10	902	
9	STREAM 0.23 MI W OF CO RD S18		CULVERT REPLACEMENT	401				
9	STREAM 1.3 MI E OF US 65		BRIDGE DECK OVERLAY			220		
35	1.0 MI N OF IA 9 TO MINNESOTA	13.9	PAVEMENT REHAB		1197			

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
	(99) WRIGHT							
17	PRAIRIE CREEK 0.9 MI N OF CO RD C26		BRIDGE REPLACEMENT			2103		
			MITIGATION			120		
			RIGHT OF WAY			5		
69	DRAINAGE DITCH 5 3.7 MI S OF IA 3		BRIDGE REPLACEMENT				805	
69	N OF UP RR TO N JCT CO RD C20	0.8	BRIDGE REPLACEMENT		4109			
			GRADE AND PAVE		3397			
			MITIGATION		300			
			RIGHT OF WAY	75				

2020 - 2024 IOWA HIGHWAY PROGRAM

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
	(00) STATEWIDE							
	STATEWIDE INTERSTATE PAVEMENT MAINTENANCE		PAVEMENT REHAB	9500	9500	9500	9500	9500
	STATEWIDE INTERSTATE GUARDRAIL REPAIR		GUARDRAIL REPAIR	865	865	865	865	865
	STATEWIDE INTERSTATE LIGHTING		LIGHTING	500	500	500	500	500
	STATEWIDE INTERSTATE REST AREA MAINTENANCE		REST AREA IMPROVEMENT	3700	3700	3700	3700	3700
	STATEWIDE INTERSTATE SIGNING		TRAFFIC SIGNS	1000	1000	1000	1000	1000
	NON-INTERSTATE PAVEMENT MODERNIZATION		PAVEMENT REHAB		105000	115000	140000	145000
	STATEWIDE SAFETY SPECIFIC		PAVING		23303	20166	25000	25000
	AMERICANS WITH DISABILITIES ACT		MISCELLANEOUS	3000	3000	3000	3000	3000
	CONSTRUCTION INDUSTRY TRAINING PROGRAM		MISCELLANEOUS	500	500	500	500	500
	COOPERATIVE CITY/COUNTY/STATE HIGHWAY RESEARCH		MISCELLANEOUS	1500	1500	1500	1500	1500
	EMERGENCY & CONTINGENCY - U-STEP/C-STEP		MISCELLANEOUS	6000	6000	6000	6000	6000
	POST LETTING PROJECT COST		MISCELLANEOUS	10000	10000	10000	10000	10000
	PREVOCATIONAL TRAINING AND DBE SUPPORT SERVICES		MISCELLANEOUS	300	300	300	300	300
	SCENIC BYWAY PROGRAM		MISCELLANEOUS	500	500	500	500	500
	STATEWIDE CONSULTANT SERVICES		OUTSIDE SERVICES ENGINEERING	82500	82500	82500	82500	82500
	STATEWIDE CONTRACT MAINTENANCE		MISCELLANEOUS	31350	31350	31350	31350	31350
	STATEWIDE RAILROAD CROSSINGS		MISCELLANEOUS	500	500	500	500	500
	STATEWIDE ROADSIDE IMPROVEMENT		LANDSCAPING	2500	2500	2500	2500	2500
	STATEWIDE TRAFFIC CONTROL DEVICES		TRAFFIC SIGNS	10000	10000	10000	10000	10000

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

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

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

improvement projects has been set at 55 percent, with the local jurisdiction furnishing the engineering and project supervision. Some improvements of larger scope, requiring linear, rather than spot improvements, are also eligible. Projects are approved by the Iowa DOT's highway division director.

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

County - State Traffic Engineering Program (C-STEP)

A. Spot Improvements - Safety or Operational

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

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

B. Linear Improvements - Safety or Operational

Cooperative Improvement State Jurisdiction Retained				Cooperative Improvement Transfer to Local Jurisdiction			
Rehabilitation		Reconstruction		Rehabilitation		Reconstruction	
State Share(%)	Limit (\$/Mi.)	State Share(%)	Limit (\$/Mi.)	State Share(%)	Limit (\$/Mi.)	State Share(%)	Limit (\$/Mi.)
30	45,000	30	75,000	60	90,000	60	150,000

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

Urban - State Traffic Engineering Program (U-STEP)

A. Spot Improvements - Safety or Operational

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

B. Linear Improvements - Safety or Operational

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

Living Roadway Trust Fund

The Living Roadway Trust Fund (LRTF) was established by the Iowa Legislature in July 1989. This fund was created to implement Integrated Roadside Vegetation Management (IRVM) programs on city, county or state rights-of-way or areas adjacent to traveled roadways. As part of the legislation, an IRVM coordinator's office was established to administer grants and assist in developing community enhancement projects or other planting demonstration projects through the state. Examples of projects eligible for funding through this program are planning and public education, installation or initial maintenance and development, special staff training, special equipment, or increased protection for existing vegetation. The Iowa Code, Section 314.22, requires that county or city applicants must have an IRVM plan on file with the IRVM coordinator's office before applying for funds. It further states that all county applications must be sponsored by the county engineer or county conservation board. The application deadline is June 1 of each year. All applicants received are reviewed by the IRVM technical advisory committee. This committee is appointed by the director of the Iowa DOT and recommends approval of qualified applications. The director authorizes funding based on the recommendations of the advisory committee.

The LRTF has four funding sources.

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

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

Since the beginning of this program, more than \$21.5 million have been approved for nearly 1,770 projects around the state. These funds supported the purchase of special equipment, roadside inventories, gateway plantings, native grass and forb seed, tree and shrub plantings, and research and educational programs.

The IRVM coordinator's office established the framework to begin the programs and state IRVM plan. The office has funded a wildflower brochure, educational display, and native wildflower posters. Also, native seed for planting has been provided to Iowa DOT garages for use on interstate rest areas and public school grounds. These projects will enhance aesthetics, provide identification and management training, and provide future seed sources.

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

Sixty two applications for FY 2019 funding were submitted by cities, counties, and the state. The total amount of funding requested was \$940,289.18. Fifty six projects were awarded a total of \$699,000.00.

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 2019

State Projects	County	Approved Funding
DOT	Story	\$ 908.39
Prairie Preview XXXVI Sponsorship	Johnson	\$ 1,000.00
2019 Program Assistance	Benton	\$ 71,561.20
2018-2019 Community Assistance	Linn	\$ 80,822.21
2019 Iowa Prairie Conference	Blackhawk	\$ 5,400.00
2019 Natural Selections	Blackhawk	\$ 63,285.00
2019 Roadside Conference	Blackhawk	\$ 15,444.00
IRVM Implementation	Blackhawk	\$ 48,950.00
Subtotal for State Projects		\$ 287,370.80
City Projects	City	
Salvarani TJ-1G Foam Marker	City of Waverly	\$ 845.56
Subtotal for City Projects		\$ 845.56
County Projects	County	
IRVM Equipment & Seed Storage	Audubon	\$ 13,000.00
Dew Drop Drill	Black Hawk	\$ 6,000.00
Roadside Inventory	Bremer	\$ 8,000.00
F/S Skid Sprayer	Buena Vista	\$ 1,795.20
John Deere Gator 835E	Buena Vista	\$ 10,000.00
Boom Mower	Cedar	\$ 15,000.00
Fire PPE	Cerro Gordo	\$ 1,626.32
Vicon Broadcast Seeder	Clay	\$ 4,000.00
Bevel Buddy	Dallas	\$ 400.00
Diamond 25-1431 Brush Mower	Dallas	\$ 7,200.00
Chevy 3500	Dickinson	\$ 10,000.00
Bobcat Soil Conditioner	Fayette	\$ 6,800.00
FINN T90 Hydroseeder	Guthrie	\$ 24,000.00
Vermeer FT100 Forestry Mulcher	Guthrie	\$ 15,000.00
Kubota RTV-X1100	Hardin	\$ 10,000.00
Roadside Inventory	Hardin	\$ 4,858.00
Roadside Remnant Vegetation Survey	Hardin	\$ 1,658.00
Wohlers Slip-in Fire Unit	Hardin	\$ 4,200.00
Kubota RTV-X900	Harrison	\$ 10,000.00
UTV Skid Sprayer	Harrison	\$ 1,320.00
Dodge Ram 4500	Henry	\$ 10,000.00

Living Roadway Trust Fund Projects
Fiscal Year 2019

County Projects (cont.)	County	Approved Funding
Norstar Injection Skid Sprayer	Henry	\$ 15,000.00
Tiger Bengal Brute Boom Mower	Iowa	\$ 15,000.00
3 Point Mount Sprayer	Johnson	\$ 6,079.42
Fecon BH47EXC-2V Forestry Mulcher	Johnson	\$ 15,000.00
Forestry Mower Field Day #2	Johnson	\$ 1,500.00
HCWMA Field Day June 2019	Johnson	\$ 2,300.00
Fecon BH74SS Forestry Mower	Jones	\$ 15,000.00
Fire PPE & Hand Tools	Jones	\$ 2,114.27
Bradco SG30 Stump Grinder	Linn	\$ 4,300.00
DENIS CIMAF DAH-100C Forestry Mower	Mahaska	\$ 15,000.00
Tiger Saber 25' Boom Mower	Marion	\$ 15,000.00
Denis Cimaf DAF-180D Mulcher	Monona	\$ 15,000.00
FINN T120T Hydroseeder	Monona	\$ 24,000.00
Kioti K92400 UTV	Palo Alto	\$ 10,000.00
Kubota Weight Kit	Pottawattamie	\$ 944.00
Truax Flex II 3-Point Drill	Pottawattamie	\$ 10,000.00
Fire PPE & Hand Tools	Poweshiek	\$ 980.95
SprayLogger System	Sac	\$ 6,440.00
FINN T90 Hydroseeder	Scott	\$ 24,000.00
Fire PPE & Hand Tools	Scott	\$ 1,593.88
Land Pride FC15 Field Cultivator	Shelby	\$ 863.20
Wohlers Slip-in Fire Unit	Shelby	\$ 4,000.00
Injection Sprayer	Washington	\$ 12,172.80
Brush Buster Brush Mower	Webster	\$ 4,637.60
BRX318 Caterpillar Brush Cutter	Winneshiek	\$ 10,000.00
Norstar Injection Skid Sprayer	Winneshiek	\$ 15,000.00
Subtotal for County Projects		\$ 410,783.64
TOTAL		\$ 699,000.00

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





Projects Funded with Increased Revenue

Projects Funded with Increased Revenue

This Program includes continued advances in the investment of funding to improve state roads and bridges. These advances are possible due to additional revenue authorized by Senate File 257 and signed into law on February 25, 2015. As directed by the legislation, 100 percent of the additional revenue allocated to the Iowa Department of Transportation (DOT) will be spent on road and bridge projects that are critical to maintaining Iowa's transportation infrastructure and create opportunities for expanded economic activity. Over the five years of this Program, it is forecast that an additional \$508.6 million of funding is available for these additional projects. A list of projects able to be funded due to Senate File 257 is included following this page.

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

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

Beyond the types of projects that can be funded with the stewardship investment categories described above, there are several one or two-year critical projects that address more significant safety and condition needs.

Finally, the Commission was able to continue to complete existing four-lane improvements to U.S. 30 in Tama and Benton Counties and to U.S. 61 in Des Moines County.

The Commission has heard from industries, school districts, emergency service providers, farmers, and economic development officials about the importance of completing four-lane corridors to better connect the state to the rest of Iowa and provide more efficient corridors for moving goods to surrounding states, across the nation, and to international markets. While investment in four-lane construction projects is not repair or rehabilitation of an existing road, that does

not mean they are not critical projects. The efficient movement of people and goods is essential in supporting and strengthening the economy of Iowa.

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

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

Highway Program Information and Services

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

2020 - 2024 IOWA HIGHWAY PROGRAM
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(01) ADAIR								
92	MARVEL CREEK 0.3 MI W OF CO RD P33		BRIDGE REPLACEMENT	1205				
(02) ADAMS								
148	MIDDLE NODAWAY RIVER 1.8 MI S OF S JCT CO RD H20		BRIDGE DECK OVERLAY		712			
(03) ALLAMAKEE								
9	WAUKON TO LANSING	14.8	PAVE SHOULDER	1400				
(04) APPANOOSE								
5	DITCH 0.6 MI S OF CO RD T30		BRIDGE REPLACEMENT		1947			
			MITIGATION		100			
			RIGHT OF WAY		5			
(06) BENTON								
30	11TH AVE DR TO W JCT US 218	13.9	BRIDGE NEW		1974			
			BRIDGE REPLACEMENT				2191	
			CULVERT REPLACEMENT		432		430	
			EROSION CONTROL					193
			GRADING		17757		13302	
			LIGHTING				75	
			MITIGATION		400			
			PAVING			16154	16616	
			RIGHT OF WAY		9500			
			TRAFFIC SIGNS			184	192	
30	W JCT US 218 INTERCHANGE		EROSION CONTROL		218			
(07) BLACK HAWK								
63	CEDAR RIVER 0.2 MI N OF US 218 IN WATERLOO (NB)		BRIDGE REHABILITATION					1000

2020 - 2024 IOWA HIGHWAY PROGRAM
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000						
				2020	2021	2022	2023	2024		
(08) BOONE										
17	0.5 MI N OF US 30 TO 3.0 MI N STATE SHARE	2.5	BRIDGE NEW GRADING PAVING RIGHT OF WAY TRAFFIC SIGNS			500	3672 2000		6000 62	
(09) BREMER										
116	10TH AVE SW TO 3RD AVE SW IN WAVERLY (STATE SHARE)	0.5	GRADE AND PAVE	590						
(10) BUCHANAN										
150	8TH ST SE TO CN RR IN INDEPENDENCE (STATE SHARE)	1.2	GRADE AND PAVE		3800					
(11) BUENA VISTA										
3	DITCH 0.4 MI W OF CO RD M54		CULVERT REPLACEMENT RIGHT OF WAY		735 10					
(12) BUTLER										
57	GRAN CREEK 0.5 MI E OF CO RD T19		BRIDGE REPLACEMENT			950				
(13) CALHOUN										
175	HARDIN CREEK 0.7 MI W OF CO RD P21		BRIDGE DECK OVERLAY						375	
(14) CARROLL										
141	WEST NISHNABOTNA RIVER IN MANNING		BRIDGE DECK OVERLAY					300		
(15) CASS										
6	INDIAN CREEK 0.4 MI E OF IA 48		BRIDGE DECK OVERLAY			600				

2020 - 2024 IOWA HIGHWAY PROGRAM
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
	(16) CEDAR							
38	SCL TO NCL IN TIPTON (STATE SHARE)	1.9	GRADE AND PAVE		2137			
	(17) CERRO GORDO							
65	E BRANCH BEAVERDAM CR 0.7 MI S OF CO RD B60		BRIDGE REPLACEMENT		1642			
			MITIGATION		80			
			RIGHT OF WAY		1			
	(18) CHEROKEE							
3	LITTLE SIOUX RIVER 1.5 MI E OF US 59		BRIDGE REHABILITATION					1500
	(19) CHICKASAW							
18	WINTERS LAKE OVERFLOW 2.9 MI E OF CO RD T76		BRIDGE REPLACEMENT					1200
	(20) CLARKE							
35	0.5 MI N OF US 34 TO WARREN CO (SB)	10.1	PAVEMENT REHAB					2407
	(21) CLAY							
18	0.3 MI E OF E JCT US 71 IN SPENCER		CULVERT REPLACEMENT	743				
			RIGHT OF WAY	25				
	(22) CLAYTON							
13	VOLGA RIVER 4.1 MI S OF IA 56		BRIDGE DECK OVERLAY					800
	(23) CLINTON							
136	DEEP CREEK 0.2 MI S OF CO RD Z2E		BRIDGE DECK OVERLAY				180	
	(24) CRAWFORD							
59	N OF CO RD E53		CULVERT REPLACEMENT	615				
			RIGHT OF WAY	3				

2020 - 2024 IOWA HIGHWAY PROGRAM
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000						
				2020	2021	2022	2023	2024		
(25) DALLAS										
44	CO RD R30 2.0 MI W OF POLK CO	0.2	PAVEMENT WIDEN RIGHT OF WAY	298 2						
(26) DAVIS										
63	FOX CREEK 2.1 MI N OF IA 2		BRIDGE REPLACEMENT					2900		
(28) DELAWARE										
3	STREAM 6.9 MI E OF IA 38		BRIDGE REPLACEMENT					690		
(29) DES MOINES										
61	MEMORIAL PARK RD IN BURLINGTON TO S OF 210TH ST	10.2	BRIDGE REPLACEMENT EROSION CONTROL GRADE AND PAVE PAVEMENT REHAB PAVING TRAFFIC SIGNS	1924 22339 17754 245		1789 960				
61	S OF 210TH ST TO N OF MEDIAPOLIS	2.5	BRIDGE NEW GRADING LIGHTING PAVING RIGHT OF WAY TRAFFIC SIGNS			3420 8703			75 23640	
					2200				200	
61	N OF MEDIAPOLIS TO 0.5 MI N OF IA 78	5.1	CULVERT NEW GRADING MITIGATION RIGHT OF WAY						2751 12802 2245	
							2400			
(30) DICKINSON										
71	OKOBOJI GROVE RD IN ARNOLDS PARK TO EAST VIEW AVE	2.2	GRADE AND PAVE					11217		

2020 - 2024 IOWA HIGHWAY PROGRAM
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(31) DUBUQUE								
3	ECL OF LUXEMBURG TO TOLLGATE RD (CO RD Y13)	4.1	EROSION CONTROL GRADE AND PAVE TRAFFIC SIGNS	7990 52	273			
(33) FAYETTE								
93	STREAM 0.7 MI W OF CO RD V68		BRIDGE REPLACEMENT					900
(34) FLOYD								
18	US 218/IA 27 INTERSECTION IN FLOYD	0.2	BRIDGE NEW EROSION CONTROL GRADE AND PAVE LIGHTING MITIGATION RIGHT OF WAY TRAFFIC SIGNS			2834 16180 64 50 1000 125	436	
(35) FRANKLIN								
65	SQUAW CREEK 0.2 MI N OF IA 3 IN HAMPTON		BRIDGE REPLACEMENT	792				
(36) FREMONT								
2	STREAM 3.9 MI E OF I-29		BRIDGE REPLACEMENT					3500
(37) GREENE								
144	EAST BUTTRICK CREEK 4.0 MI S OF IA 175		BRIDGE REPLACEMENT			909		
(38) GRUNDY								
14	BLACK HAWK CREEK 1.5 MI S OF S JCT CO RD D35		BRIDGE REPLACEMENT					2070
(40) HAMILTON								
20	E OF US 69 TO I-35 (EB)	3.4	PAVEMENT REHAB	1765				

2020 - 2024 IOWA HIGHWAY PROGRAM
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
	(41) HANCOCK							
18	DITCH 2.8 MI E OF CO RD R35		BRIDGE REHABILITATION					600
	(44) HENRY							
218	SOUTH FISH CREEK 0.7 MI N OF CO RD J20 (NB)		BRIDGE DECK OVERLAY				420	
	(45) HOWARD							
9	NORTH BRANCH TURKEY RIVER 4.3 MI E OF US 63		BRIDGE REPLACEMENT				805	
	(46) HUMBOLDT							
169	TRULNER CREEK 0.2 MI S OF CO RD C20		BRIDGE DECK OVERLAY				420	
	(49) JACKSON							
62	MAQUOKETA RIVER 1.1 MI E OF IA 64		BRIDGE DECK OVERLAY		775			
	(50) JASPER							
6	DITCH 0.2 MI E OF CO RD T12		BRIDGE REPLACEMENT			625		
	(51) JEFFERSON							
1	S OF LIBERTYVILLE RD TO FILLMORE AVE IN FAIRFIELD	0.5	GRADE AND PAVE RIGHT OF WAY			3500 5		
	(52) JOHNSON							
1	OLD MANS CREEK 1.5 MI S OF CO RD F52		BRIDGE REPLACEMENT	3264				
1	STREAM 2.1 MI S OF CO RD F52		BRIDGE REPLACEMENT	751				
	(53) JONES							
136	STREAM 0.2 MI N OF CO RD E45		BRIDGE REPLACEMENT			1443		

2020 - 2024 IOWA HIGHWAY PROGRAM
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
	(54) KEOKUK							
92	IA 21 AND CO RD V33 INTERSECTIONS	1.0	GRADE AND PAVE RIGHT OF WAY			5800		5
	(55) KOSSUTH							
169	BLACK CAT CREEK 4.2 MI N OF US 18		BRIDGE REPLACEMENT			1400		
	(56) LEE							
2	SUGAR CREEK 1.8 MI W OF US 218		BRIDGE REPLACEMENT RIGHT OF WAY		3989			10
	(57) LINN							
13	1.0 MI N OF COUNTY HOME RD TO 2.0 MI S OF CENTRAL CITY (SB)	4.2	CULVERT EXTENSION GRADE AND PAVE TRAFFIC SIGNS	159	9293			88
	(58) LOUISA							
78	HONEY CREEK 1.8 MI W OF US 61		BRIDGE REPLACEMENT			2221		
	(59) LUCAS							
34	STREAM 2.1 MI E OF E JCT US 65		BRIDGE REPLACEMENT			1973		
	(60) LYON							
9	SOUTH DAKOTA EAST 0.5 MI	0.5	GRADE AND PAVE RIGHT OF WAY			300		25
	(61) MADISON							
169	NORTH RIVER 3.5 MI N OF N JCT IA 92		BRIDGE DECK OVERLAY			500		

2020 - 2024 IOWA HIGHWAY PROGRAM
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
	(62) MAHASKA							
92	NORTH SKUNK RIVER 2.2 MI E OF E JCT CO RD V13		BRIDGE REPLACEMENT			3900		
	(63) MARION							
5	S JCT IA 92		BRIDGE DECK OVERLAY				1200	
	(64) MARSHALL							
14	CO RD E18 TO W JCT IA 175	11.4	PAVEMENT WIDEN	1730				
	(65) MILLS							
34	DOUGLAS CREEK 0.7 MI E OF W JCT CO RD H34		BRIDGE REHABILITATION					750
	(66) MITCHELL							
9	ROCK CREEK 5.8 MI W OF W JCT US 218		BRIDGE DECK OVERLAY				225	
	(67) MONONA							
141	2.5 MI E OF CO RD L32 TO 0.4 MI W OF CO RD L37	2.6	GRADING	3956				
	(68) MONROE							
34	BNSF RR 4.5 MI W OF IA 5		BRIDGE DECK OVERLAY				300	
	(69) MONTGOMERY							
34	WEST NODAWAY RIVER 0.3 MI W OF US 71 (EB)		BRIDGE DECK OVERLAY			610		
	(70) MUSCATINE							
6	SUGAR CREEK 2.3 MI W OF IA 38		BRIDGE DECK OVERLAY			460		
	(71) O'BRIEN							
18	WATERMAN CREEK 1.3 MI W OF CO RD M12		BRIDGE REPLACEMENT	1885				

2020 - 2024 IOWA HIGHWAY PROGRAM
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(73) PAGE								
59	EAST NISHNABOTNA RIVER 1.0 MI N OF IA 48		BRIDGE REPLACEMENT			4708		
(74) PALO ALTO								
18	CYLINDER CREEK AT W JCT CO RD N60		BRIDGE REPLACEMENT			2060		
(75) PLYMOUTH								
3	DITCH 1.6 MI W OF CO RD K42		CULVERT REPLACEMENT RIGHT OF WAY	772 10				
(76) POCAHONTAS								
3	BIG CEDAR CREEK 6.3 MI W OF IA 4		BRIDGE REPLACEMENT					950
(77) POLK								
69	I-80 TO SE 33RD ST IN ANKENY	3.6	EROSION CONTROL GRADE AND PAVE RIGHT OF WAY TRAFFIC SIGNALS TRAFFIC SIGNS	1700	18252 750 50	200		
(78) POTTAWATTAMIE								
80	3.5 MI E OF US 59 TO CO RD N16		GUARDRAIL	1864				
(79) POWESHIEK								
6	ROCK CREEK 0.7 MI E OF W JCT IA 21		BRIDGE DECK OVERLAY			220		
(80) RINGGOLD								
169	STREAM 0.1 MI N OF MISSOURI		BRIDGE REPLACEMENT				920	

2020 - 2024 IOWA HIGHWAY PROGRAM
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(82) SCOTT								
461	DUCK CREEK 0.4 MI S OF US 6 IN DAVENPORT (NB)		BRIDGE REPLACEMENT					3630
(83) SHELBY								
44	MOSQUITO CREEK 0.3 MI E OF IA 191		BRIDGE DECK OVERLAY					720
(84) SIOUX								
75	IN SIOUX CENTER STATE SHARE	3.0	GRADE AND PAVE RIGHT OF WAY			250		20000
(85) STORY								
69	GRAND AVE IN AMES 0.1 MI N OF LINCOLN WAY		BRIDGE DECK OVERLAY			265		
(86) TAMA								
30	W OF IA 21 TO 11TH AVE DR	1.0	BRIDGE NEW CULVERT REPLACEMENT GRADE AND PAVE LIGHTING RIGHT OF WAY TRAFFIC SIGNS		2119 560 11043 51 1100 179			
30	TAMA BYPASS TO W OF IA 21	11.5	CULVERT EXTENSION EROSION CONTROL GRADING LIGHTING PAVING PIPE CULVERTS TRAFFIC SIGNS		532 5094 60 22676 321 105	298		
(87) TAYLOR								
148	MIDDLE BRANCH 102 RIVER 2.8 MI S OF CO RD J20		BRIDGE DECK OVERLAY					300

2020 - 2024 IOWA HIGHWAY PROGRAM
(PROJECTS FUNDED WITH INCREASED REVENUE)

RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
(88) UNION								
169	ABANDONED RR 2.7 MI N OF N JCT US 34 (REMOVE BRIDGE)	0.2	GRADE AND PAVE				1000	
(89) VAN BUREN								
1	0.1 MI N OF FRANKLIN ST IN KEOSAUQUA		CULVERT REPLACEMENT RIGHT OF WAY		748 3			
(90) WAPELLO								
34	IA 149 INTERSECTION IN OTTUMWA	1.0	GRADE AND PAVE	242				
(91) WARREN								
35	N OF NORTH RIVER TO S OF BADGER CREEK (SB)	2.6	BRIDGE REPLACEMENT GRADE AND PAVE MITIGATION RIGHT OF WAY TRAFFIC SIGNS		2266 11849 350 200 298			
(92) WASHINGTON								
92	E OF US 218 TO IA 70 IN COLUMBUS JUNCTION	2.8	CULVERT REPLACEMENT EROSION CONTROL GRADE AND PAVE MITIGATION RIGHT OF WAY TRAFFIC SIGNS				224 22970 1000 426 60	224
(93) WAYNE								
65	NORTH CALEB CREEK 2.0 MI S OF CO RD J46		BRIDGE REPLACEMENT				1150	
(94) WEBSTER								
20	0.5 MI E OF CO RD P73 TO W JCT IA 17 (EB & WB)	4.8	GRADE AND PAVE	12600				

2020 - 2024 IOWA HIGHWAY PROGRAM
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RTE	LOCATION	MILES	TYPE OF WORK	PROJECT ESTIMATED COSTS X \$1000				
				2020	2021	2022	2023	2024
	(95) WINNEBAGO							
9	DITCH 0.1 MI E OF CO RD R74		CULVERT REPLACEMENT	534				
	(96) WINNESHIEK							
52	UPPER IOWA RIVER 1.8 MI N OF IA 9		BRIDGE DECK OVERLAY			375		
	(97) WOODBURY							
31	LITTLE SIOUX RIVER 0.8 MI S OF US 20		BRIDGE DECK OVERLAY			660		
	(98) WORTH							
9	BEAVER CREEK 0.5 MI W OF CO RD S18		BRIDGE REPLACEMENT RIGHT OF WAY			10	902	
	(99) WRIGHT							
17	PRAIRIE CREEK 0.9 MI N OF CO RD C26		BRIDGE REPLACEMENT MITIGATION RIGHT OF WAY			2103 120 5		
	(00) STATEWIDE							
	NON-INTERSTATE PAVEMENT MODERNIZATION		PAVEMENT REHAB		5000	5000	5000	5000

