

SAFETY FUNDING UPDATE

2023 MULTIDISCIPLINARY ROADWAY SAFETY WORKSHOP

OCTOBER 2023

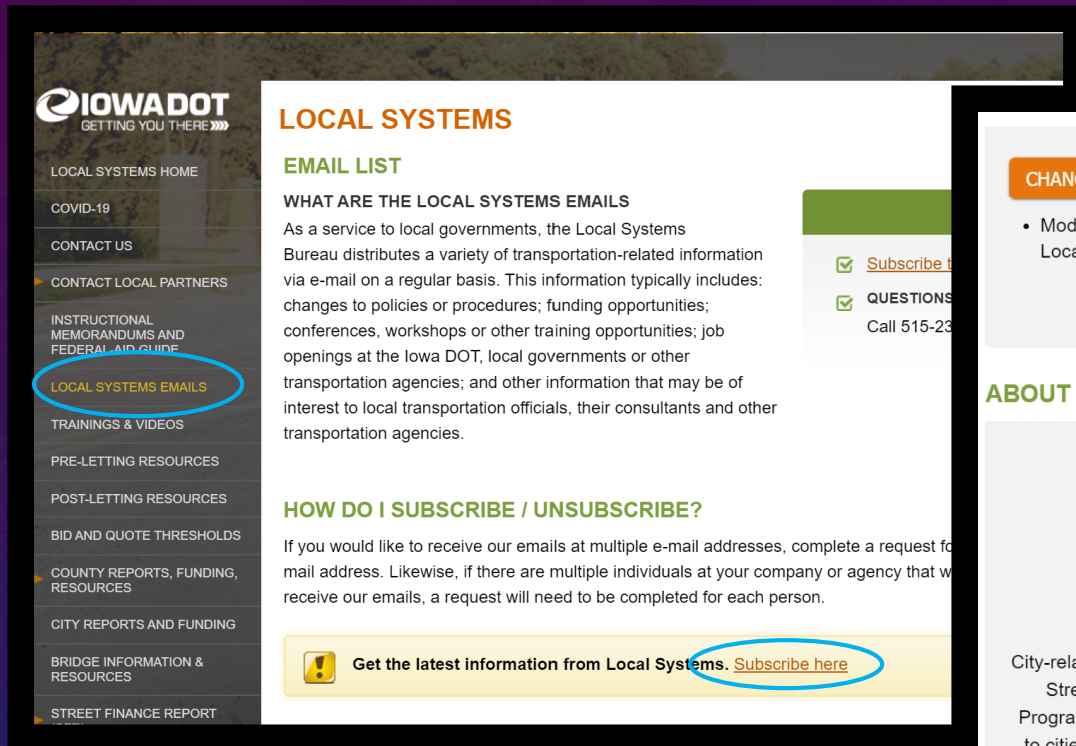
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WANT TO HEAR FROM US?!?



The screenshot shows the IOWADOT website's 'LOCAL SYSTEMS EMAILS' page. The left sidebar contains a navigation menu with 'LOCAL SYSTEMS EMAILS' circled in blue. The main content area includes a 'LOCAL SYSTEMS' header, an 'EMAIL LIST' section with a 'Subscribe' button, and a 'HOW DO I SUBSCRIBE / UNSUBSCRIBE?' section with a 'Subscribe here' link circled in blue.

https://iowadot.gov/local_systems/Local-Systems-Emails/Local-Systems-Emails



The infographic is divided into two main sections: 'ABOUT EACH SUBSCRIPTION TYPE' and 'ACTION OPTIONS'. The 'ABOUT EACH SUBSCRIPTION TYPE' section features four cards: 'CITY-ONLY' (represented by a city skyline icon), 'COUNTY-ONLY' (represented by a map of Iowa with a house icon), 'LOCAL SYSTEMS- GENERAL' (represented by a document icon), and 'JOB OPPORTUNITIES' (represented by a laptop icon). The 'ACTION OPTIONS' section at the top right features two cards: 'CHANGE SUBSCRIPTION' (represented by an envelope icon) and 'UNSUBSCRIBE' (represented by an envelope with a document icon).

ABOUT EACH SUBSCRIPTION TYPE

CITY-ONLY

City-related news and information, such as Street Finance Report, City Bridge Program, and various other items related to cities but not counties or consultants.

COUNTY-ONLY

County-related news and information, such as Annual Reports, Budget & Program, Farm-to-Market Funding, County HBP Funding, etc.

LOCAL SYSTEMS- GENERAL

Choose this option to receive updates on news and information that affects both cities and counties. This may include Instructional Memorandums, Legislation,

JOB OPPORTUNITIES

Job opportunities Local Systems is asked to send. Job opportunities may include Iowa DOT positions, City positions, or County positions.

CHANGE SUBSCRIPTION

- Modify preferences for Local Systems emails

UNSUBSCRIBE

- Easily unsubscribe in one click from email subscriptions

FUNDING SOURCES

- “Iowa DOT Funding Guide” available on Local Systems website
 - Aka: “Guide to Transportation Funding Programs of Interest to Local Governments and Others”
 - Contains information for all funding types, including safety
 - New format

IOWADOT GETTING YOU THERE

- LOCAL SYSTEMS HOME
- COVID-19
- CONTACT US
- CONTACT LOCAL PARTNERS
- INSTRUCTIONAL MEMORANDUMS AND FEDERAL-AID GUIDE
- LOCAL SYSTEMS EMAILS
- TRAININGS & VIDEOS
- PRE-LETTING RESOURCES
- POST-LETTING RESOURCES
- BID AND QUOTE THRESHOLDS
- COUNTY REPORTS, FUNDING, RESOURCES
 - FUNDING INFORMATION**
 - FM QUARTERLY STATEMENTS
 - GUIDE FOR HIRING A COUNTY

LOCAL SYSTEMS FUNDING INFORMATION

[IOWA DOT FUNDING GUIDE](#)
Basic information on all of the different federal and state funding programs that are public agencies in Iowa.

COUNTY HIGHWAY BRIDGE PROGRAM (HBP) FUND BALANCES

This report shows the current HBP fund balances for each county. The information is updated after each letting. Counties with questions or corrections concerning these figures should contact Niki Stinn in the Local Systems Bureau at 515-239-1064 or email at Niki.Stinn@iowadot.us

- [CURRENT HBP BALANCE - FEDERAL FISCAL YEAR 2020](#)
- [HBP BALANCE - FEDERAL FISCAL YEAR 2019](#)

This report shows all of the previous federal fiscal year's funding and letting information.

COUNTY FARM-TO-MARKET (FM) FUND BALANCES

This report shows each county's current FM fund balance and the statewide total. This information is updated monthly. Counties with questions concerning these figures should contact Niki Stinn in the Local Systems Bureau at 515-239-1064 or email her at Niki.Stinn@iowadot.us.

IOWA Iowa Department of Transportation

DMV TRAVEL BUSINESS FORMS CONTACT US

Show 10 entries Grant Program Search:

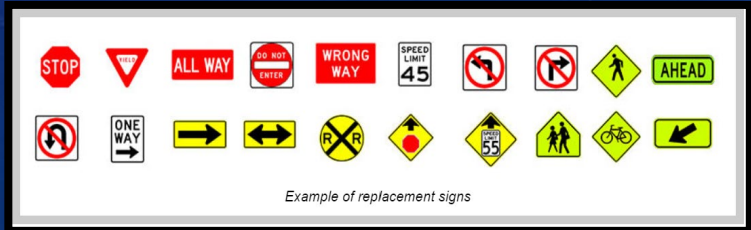
GRANT OR PROGRAM	APPLICATION DEADLINE	ELIGIBLE PROJECTS
Bus and Bus Facilities (Section 5339)	First business day in May	Public Transit Agency
City Bridge Program	Application deadline is October 1, however applications may be submitted at any time.	Road, Street and Bridge
Congestion Mitigation/Air Quality Program (CMAQ)	First business day in May	Public Transit Agency
County Highway Bridge Program	No application deadline	Road, Street and Bridge
County-State Traffic Engineering Program (C-STEP)	Letters of request accepted all year	Traffic Safety and Engineering

SIGN REPLACEMENT PROGRAM FOR CITIES AND COUNTIES (SRPFCC)

- Purpose: Funding to purchase REPLACEMENT signs, posts, and hardware for warning, regulatory, and school signs.
 - Reflective strips (for chevron and stop sign posts only)
 - Up to \$1,000 annually for Cities (out of the grant maximum)
 - Up to \$2,000 annually for Counties (out of the grant maximum)
- Who: Counties and Cities
- How to Apply: Complete application
 - List of requested signs (compiled manually or exported from a sign program)
 - Only one application allowed per year per agency
- Amount: Annual grant maximum: counties = \$10,000, cities = \$5,000
 - Reimbursement based on list of submitted signs replaced over the preceding year
 - Standard costs per sign set by program administrator
- More Info: https://iowadot.gov/local_systems/city-reports-funding-and-resources/sign-replacement-program
- Details:
 - First year, open statewide
 - Thereafter, first come, first serve on a regional “early bird” basis

Applications available and accepted beginning January 2

Reimbursements not available until July 1



HIGHWAY SAFETY IMPROVEMENT PROGRAM – HSIP-LOCAL

- Purpose: Funding for low-cost, systemic safety improvements on rural and urban non-primary roads
 - Goal of reducing lane departure and intersection crashes
- Who: Counties and Cities
- How to Apply: Application available at <https://iowadot.gov/traffic/sections/hsip>
 - Deadline: November 15
 - Funding available in following fiscal year
- Amount: \$5 million annually (whole program)
 - Funds are still Swap
 - Funds up to 110% of Engineer’s Estimate (no match required)
- More Info: <https://iowadot.gov/traffic/sections/hsip>



HIGHWAY SAFETY IMPROVEMENT PROGRAM - HSIP-LOCAL...CONTINUED

- Details:
 - Must be located on local roads w/ at-risk characteristics or recent crash data
 - Currently target low-cost (approx. \$10,000/mile) and systemic
 - Certain stipulations may include: 6" pavement markings, safety edge, CL or edgeline rumbles
 - Must be let at DOT
 - Evaluated criteria: Potential safety impact, Risk addressed, Cost per mile/intersection
 - Does not require crash history or b/c analysis
- Did you know?:
 - HSIP currently covers 2' paved shoulders if rumbles are incorporated.

Application form



Application – HSIP-Local Program – State FY 2025 (Please fill out one application per project)

General Information:

Agency:
 Contact Person:
 Phone Number:
 Email Address:

The County/City is interested in seeking HSIP-Local (formerly called HSIP-Secondary) Federal-aid Swap funding for the following type of project (check all that apply):

Road Segments		Intersections / Curves	
Improvement Type	CRF*-%	Improvement Type	CRF-%
<input type="checkbox"/> Centerline Rumble Strips	10%	<input type="checkbox"/> Transverse Rumble Strips	13%
<input type="checkbox"/> Pave Shoulders and Install Rumble Strips	15%	<input type="checkbox"/> Clearing and Grubbing	varies
<input type="checkbox"/> Shoulder or Edgeline Rumble Strips	15%	<input type="checkbox"/> Signs (new only)	varies
<input type="checkbox"/> Grooved-in 6" Pavement Markings	7-10%	<input type="checkbox"/> Curve Warning and Chevron Signs	10-20%
<input type="checkbox"/> Clearing and Grubbing	varies	<input type="checkbox"/> Pedestrian/Bike Improvements **	varies
<input type="checkbox"/> Signs (new only)	varies	<input type="checkbox"/> Curve Friction (HFST)	25%
<input type="checkbox"/> Guardrail (new or upgraded)	varies	<input type="checkbox"/> Speed Management	varies
<input type="checkbox"/> Lane Reconfiguration ***	varies	<input type="checkbox"/> Other: <input type="text"/>	<input type="text"/>

* Iowa DOT Planning Level Crash Reduction Factor (CRF) for reference ([link for additional CRFs and info \(July 2019\)](#))
 ** Likely projects include: crosswalk signing + marking with RRFBs or PHBs (aka HAWK signals) (40%-60% CRF)
 *** Likely projects include 4-lane to 3-lane conversions (30% CRF) or similar

Project Details:

Targeted letting fiscal year: (HSIP-Local 'Swap' projects must be let through Iowa DOT)
 Estimated funding request: \$

General project description including routes and locations (attach a map if possible)

Additional Project Safety Documentation (when available):

- Project information sheet(s) or "Risk Score">50% from County/City's Local Road Safety Plan
- FHWA SS4A Safety Action Plan or similar comprehensive transportation safety plan
- Iowa DOT TEAP Study or similar analysis and concept
- Other project specific safety analysis (e.g. Benefit/Cost), data, cross sections/photos, etc.
- Project intersection or segment with High or Medium PCR Level (PCR-All or PCR-Severe) from the Iowa DOT Potential for Crash Reduction (PCR) web-based map tool <https://pcr.iowadot.gov/>

Potential for Crash Reduction (PCR) Information					
Intersection ID (1234567890) or Segment ID (1234)	Intersection or Segment	PCR Level	PCR Level	PCR-All	PCR-Severe
		High	Medium	value	value
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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This application does not obligate the Agency or Iowa DOT to utilize HSIP-Local funds on the identified project. Please submit application to Traffic and Safety Bureau – Safety Programs Engineer - Greg Karssen Greg.Karssen@iowadot.us (515) 239-1267 by November 15 for following fiscal year or later.

TRAFFIC SAFETY IMPROVEMENT PROGRAM (TSIP)

- Purpose: Funding for traffic safety improvements on publicly owned roads
- Who: Public entities responsible for public roads
- How to Apply: Application available at <https://iowadot.gov/traffic/traffic-and-safety-programs/tsip/tsip-program>
 - Fairly in-depth application, limited to 25 pages
 - Benefit/Cost (B/C) analysis required
 - Deadline: August 15
 - **Funding available July 1 of the following fiscal year**
- Amount: 1/2% of RUTF (approx. \$ 7 million annually)
- More Info: <https://iowadot.gov/traffic/traffic-and-safety-programs/tsip/tsip-program>

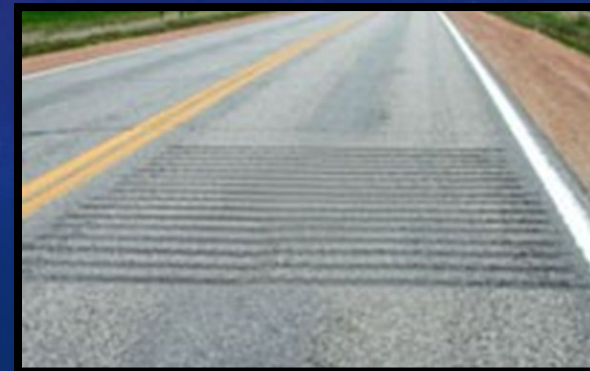


Kirkwood/School intersection in Cedar Rapids

TRAFFIC SAFETY IMPROVEMENT PROGRAM (TSIP)

...CONTINUED

- Details:
 - No match required
 - 3 categories:
 - Site-specific (\$5 - \$6,000,000 per year)
 - \$500,000 maximum per site-specific project
 - Projects to improve traffic safety and operations
 - Traffic control devices (\$500,000 per year)
 - Purchase of traffic control device and materials (no labor)
 - Studies and outreach (\$500,000 per year)
 - Research, safety studies, and public information initiatives

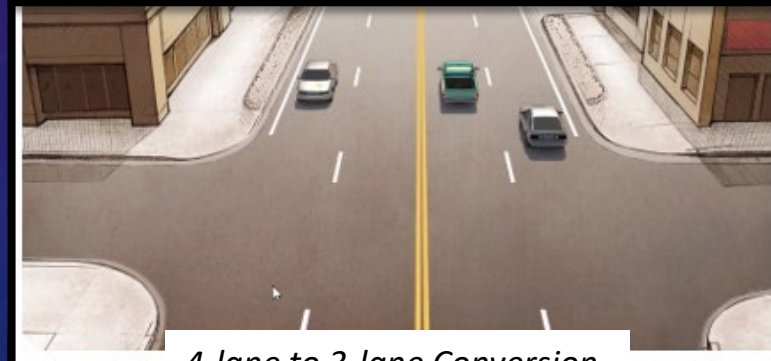


TRAFFIC ENGINEERING ASSISTANCE PROGRAM (TEAP)

- Purpose: Provides traffic engineering expertise to conduct traffic and safety studies
 - High crash locations
 - School pedestrians / crossings
- Who: Counties and smaller cities (w/out a staff traffic engineer)
- How to Apply: Submit letter of request to District Engineer
 - Deadline: Anytime, but first-come, first-served
- Amount: \$75,000 annually
- More Info: <https://iowadot.gov/traffic/traffic-and-safety-programs/traffic-engineering-assistance-program-teap>
- Details:
 - Vulnerable road user focus
 - Identify cost-effective safety & operational improvements
 - Identify potential funding sources for improvements
 - Up to 150 hours of paid consultant time
 - Roundabout feasibility studies available to anyone
 - No local match required except providing data



Coralville roundabout



4-lane to 3-lane Conversion



PEDESTRIAN CURB RAMP CONSTRUCTION

- Purpose: Assist cities in complying with ADA along municipal extensions of Primary highways
- Who: Any city in Iowa
- How to Apply: Submit a letter of request to DOT District Engineer
 - DOT District Engineer contacts at <https://iowadot.gov/districts>
 - Deadline: None
- Amount: \$250,000 max annually per city
 - 55% state share / 45% local match
- More Info: [Iowa Funding Guide](#)
- Details:
 - City must design and administer projects
 - DOT review of all plans and specs
 - Curb ramps must meet ADA standards
- Letter of request should include
 - City's name and contact information
 - Location description of project boundaries and primary roads
 - Number of curb ramps to be constructed
 - Estimated total costs of curb ramps
 - Schedule



COUNTY-STATE TRAFFIC ENGINEERING PROGRAM (C-STEP)

- Purpose: To solve traffic operation and safety problems on primary roads outside of cities
- Who: Counties
- How to Apply: Submit letter of request w/ sketch and cost estimate to District Engineer
 - Deadline: Anytime

- Amount:

- Spot Improvements: Maximum \$200,000 per project
- Linear Improvements:

<u>Jurisdiction</u>	<u>Rehabilitation</u>	<u>Reconstruction</u>
State retains	\$45,000 per mile	\$75,000 per mile
County accepts	\$90,000 per mile	\$150,000 per mile

- More Info: [Iowa Funding Guide](#)

- Details:

- Spot improvements - 45% county / 55% state
- Linear improvements - match determined by who retains jurisdiction (40% or 70% county)
- Engineering analysis of problem area required
- County must engineer and administer project
- Must involve primary route outside of incorporated limits



URBAN-STATE TRAFFIC ENGINEERING PROGRAM (U-STEP)

- Purpose: To solve traffic operation and safety problems on primary roads in Iowa cities
- Who: Any Iowa city
- How to Apply: Submit letter of request w/ sketch and cost estimate to District Engineer
 - Deadline: Anytime
- Amount:
 - Spot Improvements: Maximum \$200,000 per project
 - Linear Improvements: Maximum \$400,000 per project
- More Info: [Iowa Funding Guide](#)
- Details:
 - City must engineer and administer project
 - Must involve a municipal extension of a primary road
 - Match - 45% city / 55% state
 - Engineering analysis of problem area required



HIGHWAY-RAILROAD CROSSING SAFETY PROGRAM

- Purpose: To improve the safety of public highway-railroad crossings
 - Installing new crossing signal devices, upgrading of existing signals, providing low-cost improvements (increased sight distance, widened crossings, increased signal lens size, or crossing closures)
- Who: Railroad companies and public road jurisdictions
- How to Apply: Application available at <https://iowadot.gov/iowarail>
 - Either the railroad or roadway authority can initiate a project application, but both must fill in the fields on the applications that are pertinent to their particular entity; and both must electronically sign the application
 - A discussion should be had prior to initiation of the application so that both agree the project is warranted
 - Deadline: July 1
- Amount: ~\$5 million annually (program total)
- More Info: <https://iowadot.gov/iowarail/safety/federal-aid-crossing-safety-program>
- Details:
 - Federal-aid
 - Funded with 100% federal funds – NEW with IIJA
 - Joint application required between local agency and railroad
 - Priorities established via benefit-cost analysis
 - Extent of vehicle and train traffic
 - Speed of trains
 - Crossing characteristics
 - Effectiveness of proposed improvement
 - Estimated cost of improvement
 - Other factors



HIGHWAY-RAILROAD CROSSING SURFACE REPAIR FUND

- Purpose: Rebuilding public highway-railroad crossing surfaces in Iowa
 - Focus on city and county projects
- Who: Railroad companies, other owners of railroad track, and public road jurisdictions
 - Either the railroad or roadway authority can initiate a project application, but both must fill in the fields on the applications that are pertinent to their particular entity; and both must electronically sign the application
 - A discussion should be had prior to initiation of the application so that both agree the project is warranted
- How to Apply: Application available at <https://iowadot.gov/iowarail>
 - Deadline: None
- Amount: \$900,000 annually (from RUTF)
- More Info: <https://iowadot.gov/iowarail/safety/grade-crossing-surface-repair-program>
- Details:
 - Both railroad and local agency must enter into project agreement with DOT
 - 20% railroad match + 20% local agency match
 - Application funded in order received
 - Currently, a multi-year backlog



IOWA CLEAN AIR ATTAINMENT PROGRAM (ICAAP)

- Purpose: Funds projects/programs which help maintain Iowa's air quality by reducing emissions
- Who: Public entity or non-profit entity with public entity co-sponsor
- How to Apply: Application available at <http://www.iowadot.gov/forms/index.htm>
 - Deadline: October 1
- Amount: \$4 million
- More Info: <https://iowadot.gov/iowarail/Financial-Assistance/icaap>
- Details:
 - Federal-aid funds
 - Must be on major collector or higher
 - 4 categories: Improved traffic flow, reduced VMT, reduced single-occupant vehicle trips, other projects improving air quality or reducing congestion
 - Minimum \$20,000 per project

IOWA LTAP WORK ZONE SIGN PACKAGE PROGRAM

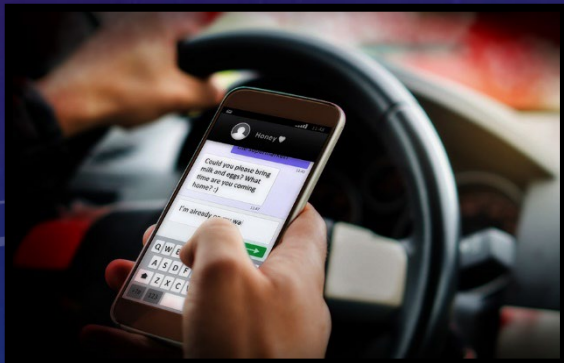
- Purpose: Way for smaller cities to obtain a basic work zone sign package in compliance with 2009 MUTCD
- Who: Cities with population of $\leq 10,000$
- How to Apply: Link on website below to submit an application
 - Application Period: December
- Amount: Free to the winning cities and the value is around \$3,500 for the package
- More Info: <https://iowaltap.iastate.edu/iowa-ltap-work-zone-sign-package-program/?highlight=sign%20package>
- Details:
 - Materials to be included:
 - One Lane Road Signs
 - Road Work Ahead Signs
 - Be Prepared to Stop Signs
 - Type III Barricades
 - 28" Traffic Cones
 - Class 2 Safety Vests
 - Sign Stands
 - 42" Channelizers
 - Approximately 10 cities chosen per year



GOVERNOR'S TRAFFIC SAFETY BUREAU (GTSB)



- Special traffic enforcement program (STEP)
- Multi-disciplinary safety teams (MDSTs)
- Distracted driving
- Occupant protection
- Impaired driving
- Youth Driving
- Speed Enforcement
- Pedestrian Safety
- Traffic Safety Media Campaigns



<https://arstechnica.com/cars/>



<https://www.roadtrafficsigns.com/>



<https://www.gettyimages.com/photos/police-officer>

QUESTIONS?



THANK YOU FOR YOUR TIME AND ATTENTION



Local Systems Bureau

Contact us:

https://iowadot.gov/local_systems/contact-us