Iowa DOT Update & Infrastructure Investment & Jobs Act (IIJA) Overview

Municipal Streets Seminar
November 15, 2022
Nicole Moore, Director

Local Systems Culture

- Service Mentality - We're here to help you...
- Who We Serve and Collaborate With:
  - Cities: 942
  - Counties: 99
  - Consultants: numerous
- Provide training and guidance
- Be a Spokesperson for Iowa's Cities and Counties (LPAs) - their "Voice"
- Opportunity to build positive relationships with cities, counties, & other partners
- Local Systems can play a beneficial role in the County, City and Consulting Industry

Our mission is to work with our transportation partners and provide guidance in the development and implementation of projects to ensure compliance with state and federal requirements. Only together can we and will we continue to improve the quality of transportation in Iowa.

Regional Field Staff

Local Systems Bureau Organization Chart

Mission Statement:

Local Systems are the backbone of public transportation and provide a variety of services to municipalities and private companies. Our goal is to provide the best possible service to our customers.
Local Systems Bureau: Services we Provide

- Guidance - https://iowadot.gov/local_systems/im/lpa-ims
- Federal-aid Guide
- Non-Federal-aid Guide
- Instructional Memorandums (I.M.s)
- Federal and State-aid projects
- Project Development Oversight
- Construction Inspection questions and Contract Administration Oversight
- General Questions - all projects

Local Systems Website

- IIJA Information
- Pre-Letting Resources:
  - Project Development Information
  - Targeted Small Business Information
  - DOT Forms
- Post-Letting Resources:
  - Forms, Claim Reimbursement
  - Appia & Doc Express Resources
  - Inspection Worksheets (Excel)
- Bridge Information
- County & City Reports and Funding
- Bid Threshold Information
- Trainings and Videos
- Maps!
- FHWA Emergency Relief (ER) Program

Local Systems Website

- City Bridge Program - letters due
  - October 1 every year
- City Street Finance Report (SFR)
  - due December 1
- Work with SUDAS and Public Works Service Bureau
- TIME-21 and RUTF Information
- Census 2020 Information
- Collaborate with SUDAS & Public Works Service Bureau (PWSB)

WANT TO HEAR FROM US?!

https://iowadot.gov/local_systems/Local-Systems-Emails/Local-Systems-Emails
Infrastructure Investment and Jobs Act (IIJA)
aka Bipartisan Infrastructure Law (BIL)

History of Federal Transportation Bills
“Surface Transportation Reauthorization”

- **IIJA** - Infrastructure Investment and Jobs Act - AKA: Bipartisan Infrastructure Law (BIL)
  - Passed by Senate on August 10, 2021 (69-30 vote)
  - Passed by House on November 5, 2021 (228-206 vote)
  - Signed by President Joe Biden on November 15, 2021
- **FAST Act** - December 4, 2015
- **MAP-21** - July 6, 2012
- **SAFETEA-LU** - August 10, 2005
- **TEA-21** - June 9, 1998
- **ISTEA** - December 18, 1991

Each bill has had more funding than the previous bill

IIJA Stakeholder Committee
City
- Jason Havel, City of Iowa City
- Pam Cooksey, City of Des Moines
- John Dostart, City of Altoona
- Dave Carney, City of Sioux City
- Jeff May, City of Clive
- Paul Wiegand, Public Works Service Bureau

County
- Lyle Brehm, Tama/Poweshiek County
- Lee Bjerke, Winneshiek County
- Todd Folkerts, Lucas County
- Jacob Thorius, Washington County
- Cathy Nicholas, Black Hawk County
- Danny Wald, Iowa County Engineers Service Bureau

Regional Planning Affiliation/Metropolitan Planning Organization
- Kevin Blanchan, Iowa Northland Regional Council of Governments (INRCOG)
- Rick Hunsaker, Region XII Council of Governments
- Todd Ashby, Des Moines Area Metropolitan Planning Organization

Highway Formula Programs (millions)

<table>
<thead>
<tr>
<th>Program</th>
<th>2021 (actual)</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
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<td>National Highway Performance</td>
<td>307.4</td>
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<td>State Planning and Research*</td>
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<td>Highway Infra/Bridge</td>
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<td><strong>Total</strong></td>
<td><strong>584.7</strong></td>
<td><strong>737.4</strong></td>
<td><strong>752.4</strong></td>
<td><strong>763.7</strong></td>
<td><strong>777.3</strong></td>
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*SPR continues as off the top from the core programs in FFY 22 to 26. The off-tops for those years are not yet reflected in this table.
STBG Program

- $97.7 Million to TMA/MPO/RPA – over 18% increase from 2021 amount
- As population changes, there will be a shift toward more STBG for TMAs and MPOs, and less toward RPAs - This may not be known for ≈ 1-2 years
- 2020 Census is available, but the Urban Boundary areas are not yet available
- $11.2 M Off-System Bridge set-aside (required by bill)
- $4 Million to City Bridge Program
- $4 Million FM Supplement for Counties (from any area portion of STBG) - this is to assist counties with 20% match needed
- Cities and Counties have equal percentage growth in STBG and Bridge

Past to Present City Bridge funding

<table>
<thead>
<tr>
<th>FFY</th>
<th>Federal Swap Allocation</th>
<th>Additional Bridge Funding*</th>
<th>Total Allocation</th>
<th># Bridges Awarded*</th>
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<td>$7,580,323</td>
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<td>2015</td>
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<td>$10,495,583</td>
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<td>$11,795,018</td>
<td>$5,520,808</td>
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<td>2020</td>
<td>$11,374,465</td>
<td>$5,113,840</td>
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<td>2021</td>
<td>$11,604,714</td>
<td>$4,493,588</td>
<td>$16,098,292</td>
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</table>

Bridge Formula Program (BFP)
City Bridge Program Total = $19.3 M (18% incr.)
County Bridge Program Total = $61.5 M (18% incr.)
City/County Bridge Split
City = 19.9% County = 80.1%
Split based on 75% poor & 25% fair deck areas w/ cities having bridges in on FM Extensions

2022 Appropriations - extra Bridge $5
City Bridge Program - extra $3.9 M
County Bridge Program - extra $15.6 M
100% Funding for Construction, but no PE/CE/ROW/etc w Federal aid

Transportation Funding for Local Agencies

- Federal-aid
- Federal-aid Swap
- State-aid
- Local (RUTF & FM)
Federal-aid Programs
- Surface Transportation Block Grant (STBG)
  - $97 Million
  - Funds allocated through MPOs
  - Federally eligible routes
  - Bridges on any public road
  - 20% match required
- Highway Bridge Program (HBP) - Counties
  - $77.1 Million
- Highway Bridge Program (HBP) - Cities
  - $23.2 Million
- Iowa Clean Air Attainment Program (ICAAP)
- Transportation Alternatives Program (TAP)
- Federal Recreational Trails
- Carbon Reduction Program
- Highway Railroad Crossing Safety Program

Photos: www.TravelIowa.com

City Bridge Program Update
- FFY 2023 City Bridge Program:
  - Accepted Offers from 11 Cities
  - Cumulative 490 City Bridges funded since 1979
- FFY 2024 City Bridge Program:
  - Requests to add bridges to the candidate list closed on October 1
  - 26 bridges added to the candidate list this cycle
  - Funding cap was raised to $1.5 Million
- FFY 2025 City Bridge Program:
  - Will include requests received from Oct 2, 2022 - Oct 1, 2023
  - Per I.M. 1.100 submit requests to Jenifer.Bates@iowadot.us

Federal-aid Swap Programs
- STBG Swap Program:
  - Funds allocated to cities through RPAs
- Highway Safety Improvement Program - Local
  - $5 Million

State-aid Programs
- Numerous funding programs through Iowa DOT
  - https://iowadot.gov/pol_leg_services/Funding-Guide.pdf
- Examples:
  - Revitalize Iowa's Sound Economy (RISE)
  - County-State Traffic Engineering Program (C-STEP)
  - Traffic Engineering Assistance Program (TEAP)
  - Traffic Safety Improvement Program (TSIP)
  - Urban-State Traffic Engineering Program (U-STEP)
  - Pedestrian Curb Ramp Construction
  - Living Roadway Trust Fund
  - Recreational Trails Program (State)
  - Iowa Byways
- Letting requirements vary

Minimum Requirements to Qualify
- Located Within City Limits
- Open to Traffic or Closed <10 years
- Rated "Poor" condition
- Sufficiency Rating <80
- ADT > 25 vpd
RISE (Revitalize Iowa’s Sound Economy)

- **Amount:** $12 million to cities, & $6 million to counties (annually)
- **Purpose:** To promote economic development through road construction
- **Who:** Cities and Counties
- **Details:**
  - Can be a grant or loan and must be work on public roadway
  - Immediate Opportunity
  - Permanent establishment of facility with value-added jobs (non-personal service)
  - Requires 20% local match
  - Deadline: None

Immediate Opportunity

- **Local Development (Non-immediate)**
  - Support long-term economic development
  - Evaluated on 5 factors: Development Potential, Economic Impact, Local Commitment & Initiative, Transportation Need, Area Economic Need
  - Requires 50% local match (some exceptions)
  - Deadline: February 1 & September 1

Local Development (Non-immediate)

- **Permanent Opportunity**
  - Establishes new facility with value-added jobs (non-personal service)
  - Requires 20% local match
  - Deadline: None

Permanent Opportunity

Urban / County - State Traffic Engineering Program (U-STEP & C-STEP)

- **Amount - Spot Improvements:** Maximum $200,000, 45% Local Match
- **Amount - Linear Improvements:**
  - U-STEP = 55% state share (45% local match), up to $400,000 per project
  - C-STEP = State retains jurisdiction = $45,000/mi Rehabilitation or $75,000/mi Reconstruction (70% match)
  - C-STEP = County retains jurisdiction = $90,000/mi Rehabilitation or $150,000/mi Reconstruction (40% match)

- **Purpose:** To solve traffic operation and safety problems on primary roads outside of cities
- **Who:** Cities and Counties
- **Details:**
  - City or County must engineer and administer project
  - Deadline: Anytime

How: Submit letter of request w/ sketch and cost estimate to District Engineer

https://iowadot.gov/districts

Pedestrian Curb Ramp Construction

- **Amount:** Up to $250,000 per city, per year
- **Purpose:** Program intended to assist cities with ADA compliance on primary roads (Cities only)
- **Details:**
  - Must be municipal extension of a Primary Highway
  - The city must design and administer the project
  - Does not need to be stand alone project
  - Curb ramps must meet ADA standards
  - DOT may pay up to 100% of costs
  - Requests accepted all year
- **How:** Submit letter of request to appropriate DOT District Engineer

https://iowadot.gov/districts

Traffic Engineering Assistance Program (TEAP)

- **Amount:** $125,000 annually
- **Purpose:** Provides traffic engineering to conduct traffic and safety studies to identify cost-effective traffic safety and operational improvements for local agencies
- **Who:** Counties and smaller cities without a staff traffic engineer
- **Details:**
  - Identify cost-effective safety and operational improvements
  - Identify potential funding sources for improvements
  - Up to 100 hours of consultant time
  - Roundabout feasibility studies available to anyone
  - No local match required except providing data
- **Deadline:** Anytime, but first-come, first-served
- **How:** Submit letter of request to District Engineer

https://iowadot.gov/districts
Traffic Safety Improvement Program (TSIP)

- **Amount**: 0.5% of RUTF (approx. $7 million annually)
- **Purpose**: Funding for traffic safety improvements or studies on publicly owned roads
- **Who**: Public entities responsible for public roads (City, County, Iowa DOT)
- **Details**:
  - $500,000 maximum per site-specific project
  - 3 categories:
    - Site-specific
    - Traffic control devices
    - Studies and outreach
- **Deadline**: August 15
- **How**: Application available at https://iowadot.gov/traffic/traffic-and-safety-programs/tsip/tsip-program

Transitioning Swap Projects to Federal-aid

- **County Bridge Program** - January 2023 letting
- **County STBG** - January 2023 letting
  - 80% Federal-aid - 20% match needed
  - Rural Major Collectors and higher (no rural minor collectors or local routes)
  - Farm-to-Market route designations do not impact Federal-aid eligibility
- **City Bridge Program** - February 2023 letting
- **City STBG projects** - February 2023 letting

Federal-aid Project Development

- **Federal-aid Project Development Guide**
- **As a refresher, Federal-aid projects require the following submittals**:
  - Project Development Submittal Dates and Information (refer to I.M. 3.010)
  - Concept Statement (refer to I.M. 3.020) - as a reminder, a Concept Statement is required in order to obtain NEPA Clearance.
  - Preliminary Plans (refer to I.M. 3.400)
  - NEPA Clearance (refer to I.M. 4.020)
  - Cultural Resource Regulations (refer to I.M. 4.120)
  - ROW Acquisition (refer to I.M. 3.600)
  - Check Plans (refer to I.M. 3.700)
  - Final Plans (refer to I.M. 3.700)
- **This is not an all-inclusive list, and we strongly recommend reading the Federal-aid Project Development Guide and Iowa DOT Instructional Memorandums for Local Public Agencies as a refresher for the additional steps needed in developing Federal-aid projects.**

Federal-aid Grant Application Reminders

- **Discretionary grants** come with additional strings (reporting and such) above and beyond typical formula funded Federal-aid projects (STBG, HBP, TAP, ICAAP). Those additional strings become the grant recipient’s responsibility.
- **Any funds being utilized as “non-Federal match” included in a grant application become federalized and must also follow federal-aid processes and procedures. This may include, but is not limited to, following the consultant selection process or federalizing all project phases. Example: If Preliminary Engineering (PE) or Construction Engineering (CE) services are included within a RAISE application as a “local match”, regardless of the funding source, the full federal-aid RFP process shall be followed. See I.M. 3.310, Federal-aid Participation in Consultant Costs.**
- **The now Federal-aid programs shall not be proposed as non-Federal match in grant applications since Swap will no longer be available. The programs for cities that will be Federal-aid moving forward include the STBG funds awarded through TMAs and MPOs, while the STBG funding awarded through RFPs will remain STBG Swap Funding. The City and County bridge projects will be Federal-aid moving forward.**
- **STBG, STBG-Swap, County and City Bridge Funds are to be used for Construction only. This should be taken into consideration as well in any grant application proposed funding.**
Build America, Buy America Act (BABAA)

- Buy America - Requirement to "American made" products
- 3 Categories
  - Products of Iron & Steel = no changes
  - Manufactured Products = no changes
  - FHWA has a general applicability waiver at this time
- Construction Materials = FHWA has waiver (different from above) until November
  - Lumber/wood products
  - Plastic & polymer-based products
  - Glass
  - Drywall
  - Non-Ferrous metals
- DOT has a small group making recommendations to FHWA
- Specification/Materials I.M. changes coming soon

Local Systems - Active Construction Projects (Projects let and not yet closed)
600 projects, totaling over $1 Billion
Appia

- Required-for-use by Counties as of April 2022
- City's can use, but not required at this time
- Will use PDFs of Appia vouchers for reimbursements
- Use “detailed payment” report
- Email Niki Stinn if you have training needs (Niki.Stinn@iowadot.us)
- Must add these people to DOT let projects so they can help answer questions
- Niki Stinn & Doug Heeren
- Regional Field Engineer & Regional Field Tech
- Contact Niki for “easy button” set-up files (*.json) on DOT let projects
- Do not manually set up Iowa DOT let projects. Use the *.json file provided by Niki
- Project setup review required prior to Advancing to Construction (Niki Stinn)
- Consultants must purchase their own licenses
- Cities should not add Consultants to their accounts
- Cities should set up the project and then give the Consultant access
- If that is not practical, Consultants may set up the project with written correspondence saying they will give the City project files in the event of a dispute
- Updated mobile application that can be used offline

UPDATED FORMS

- Pulled commonly used forms from Seamless
- Placed forms on the Pre-Letting Resources and Post-Letting Resources Pages
- Updated the Concept Statement Form
- Added a checklist at the end
- Updated the PDC
- Expanded the Railroad Section
- Added a new section for Title VI Compliance

Upcoming Federal-aid Overview Seminars

- Two Day Course - you may take one day or both days, depending on what roles you have in projects
- Day 1 - Project Development
- Day 2 - Construction Inspection and Contract Administration
- Three Locations:
  - Boone - January 18-19
  - Hiawatha (Cedar Rapids area) - January 25-26
  - Denison - February 8-9

TECHNICAL TRAINING AND CERTIFICATION PROGRAM (TTCP)

- https://iowadot.gov/training/technical-training-and-certification-program
Questions?

- Nicole Moore, P.E.
- Local Systems Bureau Director
- Nicole.moore@iowadot.us
- https://iowadot.gov/local_systems/contact-us