



DES MOINES AREA MPO

Transportation Technical Committee Meeting

August 1, 2024

APPROVAL OF AGENDA

August 1, 2024, Agenda



1. Call to Order
2. VOTE: Approval of Agenda
3. VOTE: Approval of Meeting Minutes
4. PRESENTATION: Comprehensive Safety Action Plan Update
5. PRESENTATION: Water Trails BUILD Grant Update
6. REPORT and VOTE: MPO Population Adjustments and Joint Resolution with CIRTPA
7. REPORT and VOTE: Transportation Capital Improvement Program Update
8. REPORT and OPTIONAL VOTE: Carbon Reduction Program Funding Process
9. REPORT: FFY 2026 Iowa Clean Air Attainment Program Pre-Applications
10. REPORT: Upcoming Events
11. Other Non-Action Items of Interest to the Committee
12. Next Meeting Date – September 5, 2024 – 9:30 a.m.
13. Adjournment

APPROVAL OF MEETING MINUTES

COMPREHENSIVE SAFETY ACTION PLAN UPDATE

Comprehensive Safety Action Plan Update

- Representatives from Toole Design will provide an update on the Comprehensive Safety Action Plan.

WATER TRAILS BUILD GRANT UPDATE

Water Trails Update

- Representatives from Snyder will provide an update on the construction of the downtown water trails project.

MPO POPULATION ADJUSTMENTS AND JOINT RESOLUTION WITH CIRTPA

MPO Population Adjustments and Joint Resolution with CIRTPA

With the expansion of the MPO's metropolitan planning area boundary (MPA) into formerly CIRTPA area, the Iowa DOT has requested that the MPO confirm its new population within its new MPA with CIRTPA to update funding formulas (STBG).

At a minimum, the MPA includes the Census designated Urban Areas.

By default, Iowa DOT uses the population of Census designated Urban Areas.

But historically, the MPO and CIRTPA have used the MPA population instead.

MPO staff calculated the following population adjustments with the new MPA:

- 2020 Census Urban Areas Population in Green (547,861)
 - Des Moines 2020 Census Urban Area Population: 542,486
 - Polk City 2020 Census Urban Area Population: 5,375
- 2020 MPO MPA Population in Grey (583,135)
- Population Adjustment from CIRTPA to MPO: $35,274 = 583,135 - 547,861$

CIRTPA staff has reviewed the population adjustments and has no objections.

Next steps

- CIRTPA approves population adjustments and joint resolution in September
- Joint resolutions sent to Iowa DOT, and funding formulas updated with new targets in the next cycle

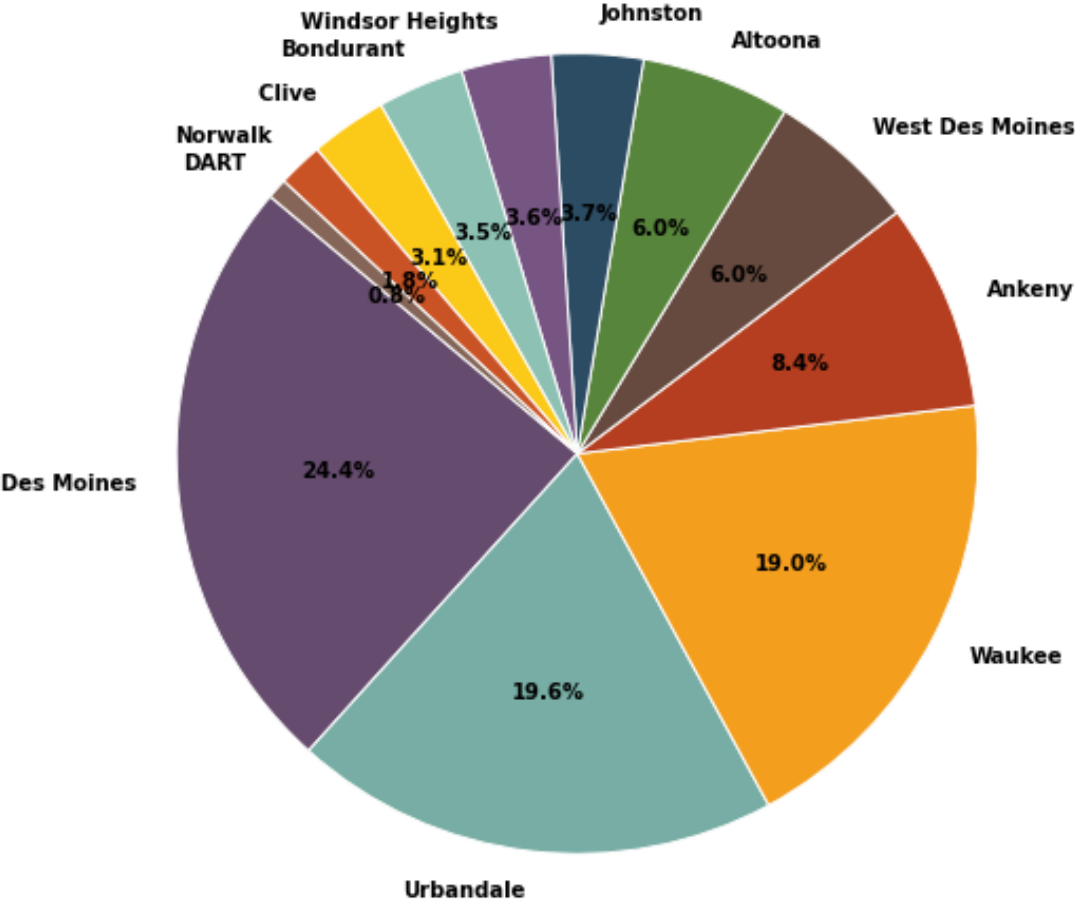


TRANSPORTATION CAPITAL IMPROVEMENT PROGRAM UPDATE

Transportation Capital Improvement Program

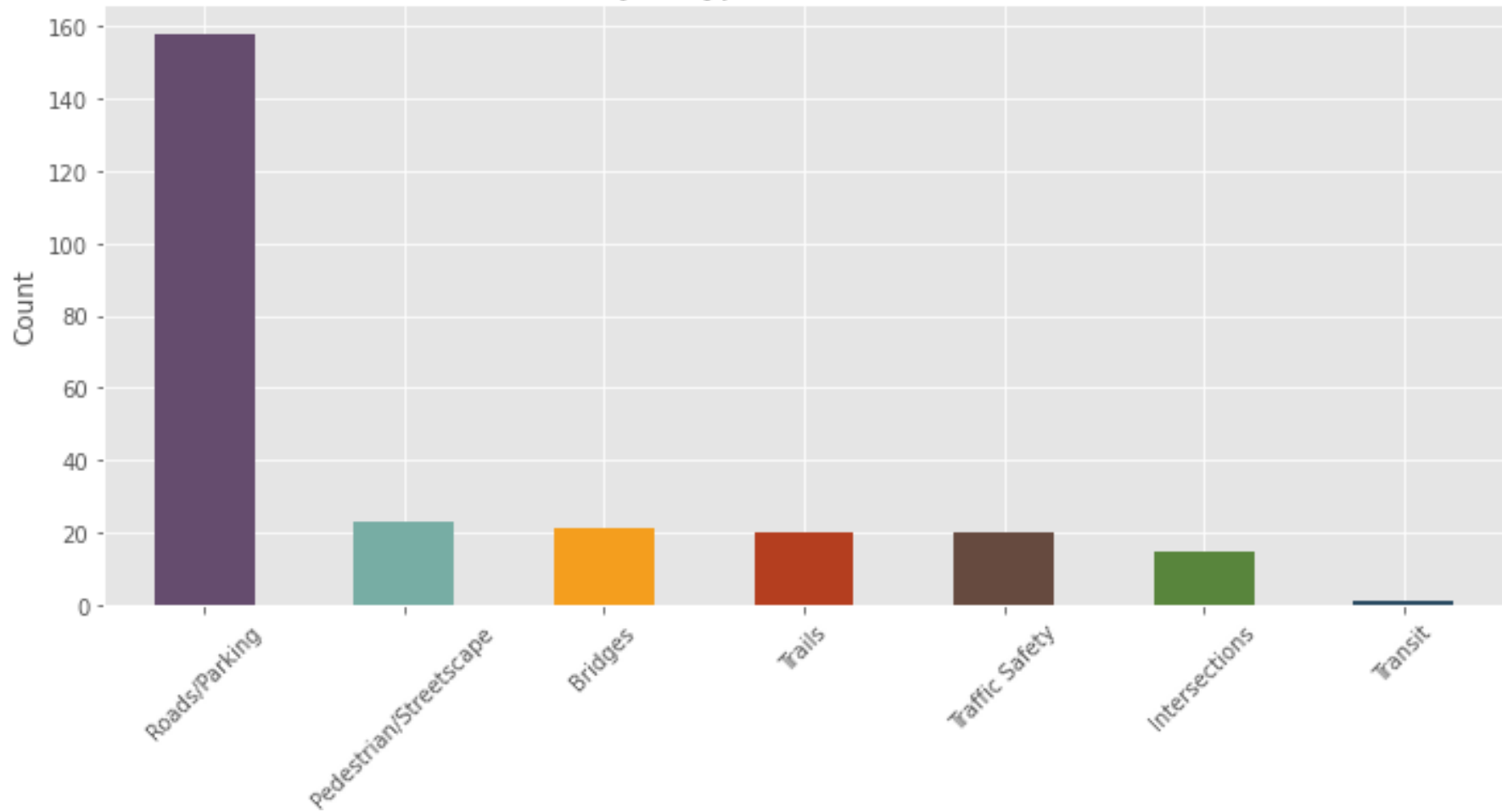
- Comprehensive Coverage:
 - Create a regional TCIP that encompasses all local municipalities and counties within the MPO planning area.
- Why is this important?
 - Ensures a coordinated approach to transportation planning and funding.
 - Identifies priority projects that address current and future transportation needs.
 - Encourages community involvement in the planning process, ensuring projects reflect the needs of the public.

Total Spending by Jurisdiction from 2025 to 2029

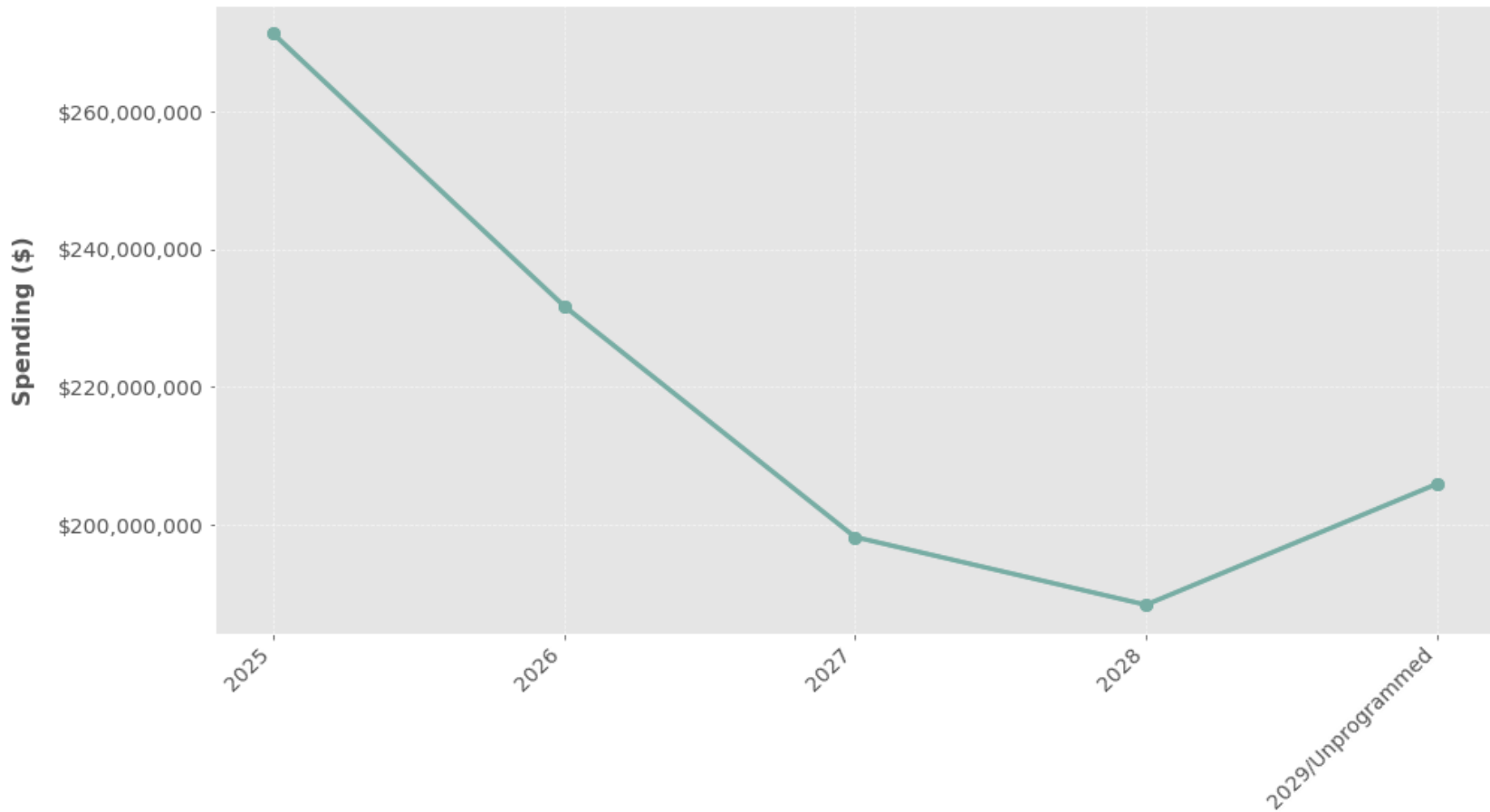


Jurisdiction	\$
Altoona	\$68,368,479
Ankeny	\$95,290,000
Bondurant	\$39,703,472
Clive	\$35,205,000
DART	\$9,235,500
Des Moines	\$277,682,596
Johnston	\$41,990,614
Norwalk	\$20,750,500
Urbandale	\$223,100,000
Waukee	\$216,032,172
West Des Moines	\$68,580,000
Windsor Heights	\$41,243,599
Total	\$1,139,080,932

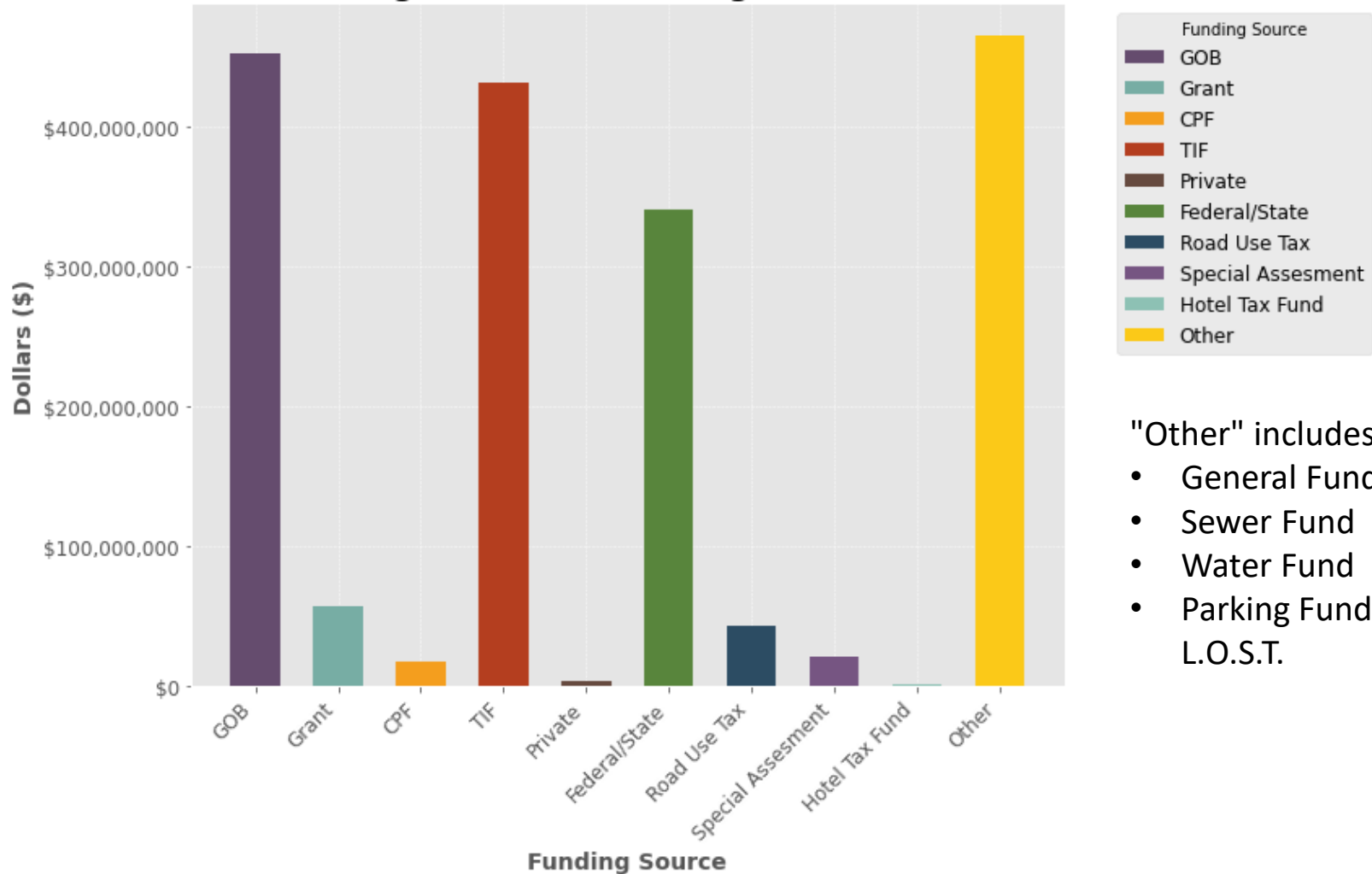
Project Types in the MPO Area



Spending By Year in the Des Moines Metro (2025-2029)

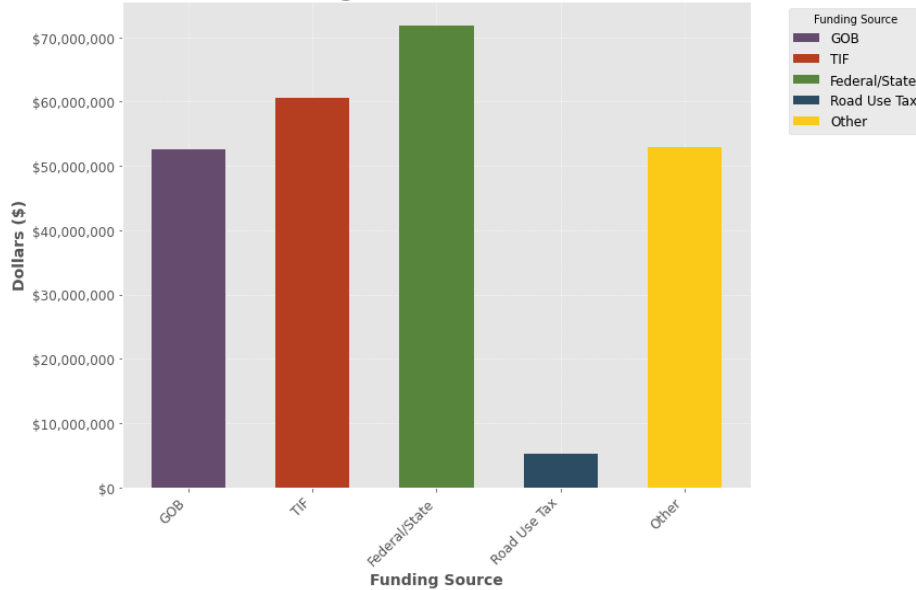


Funding Sources for the Region Combined

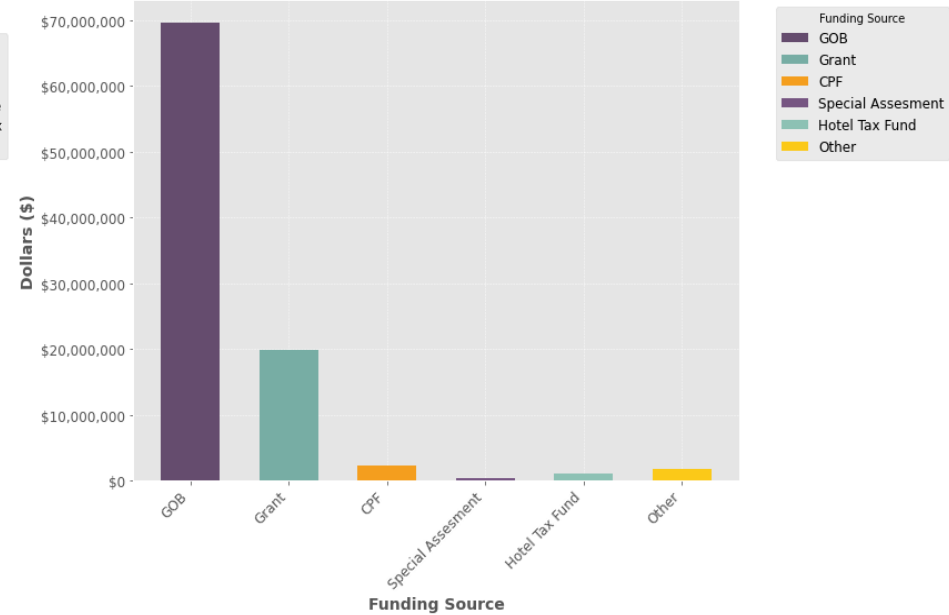


Funding Sources For Des Moines and Ankeny

Funding Source for Des Moines



Funding Source for Ankeny



Next Steps

- Finalize story map.
- Present to Executive and Policy Committees.
- Publish story map on MPO website for public engagement.
- **RECOMMENDATION:** Vote to receive and file.

CARBON REDUCTION PROGRAM FUNDING PROCESS

Carbon Reduction Program Funding Process

- Policy Committee's direction to TTC and staff:
 - Create a funding process that makes CRP funds available to all members.
 - Open application process as soon as possible.
- CRP Subcommittee – May 16, 2024.
 - Simple process open to a variety of projects.
 - Kept separate from the STBG timeline.
 - Use carbon reduction as main criteria for review.
 - Some desire was expressed to spread CRP funding equally.

Carbon Reduction Program Funding Process

- Staff developed an application using a similar format as the STBG application.
- Staff proposes using the FHWA's Carbon Toolkit calculator to determine carbon reduction for projects.
 - Existing calculator
 - Calculators for different project categories
 - Creates consistent methodology

Carbon Reduction Program Funding Process

- Proposed timeline (pending approval)
 - Late August – applications made available on MPO website.
 - September – Applications due.
 - October – Funding Subcommittee reviews applications and makes recommendation.
 - November – MPO Policy Committee approves CRP awards.

Carbon Reduction Program Funding Process



- Sent CRP Subcommittee draft materials for review.
- Majority of committee agreed with process/timeline.
 - One rep questioned whether this process would allow all members to get a portion of the CRP funds.
 - Iowa DOT policy prohibits suballocation.
 - One suggestion was to run sample applications through the process to see what the distribution of funds might look like.
 - This is an option for committee's consideration. It would require MPO members to create sample applications (STBG applications would have incomplete information) and likely delay the opening of application process.
- Staff recommends approval of proposed process.

FFY 2026 IOWA CLEAN AIR ATTAINMENT PROGRAM PRE-APPLICATIONS

Iowa Clean Air Attainment Program

- ICAAP Schedule
 - July 31, 2024 – Pre-Applications due to MPO
 - August 2024 – Pre-Applications presented to MPO Committees for review
 - September 2024 – Recommendation presented to Policy Committee and resolutions are forwarded to project sponsors
 - October 1, 2024 – Project sponsor submit their applications to the DOT

Iowa Clean Air Attainment Program

- Applications submitted:
 - Des Moines – SE 14th Street Adaptive Signal Control - \$2,075,000
 - Urbandale/Clive - I-35/80 and US 6 Interchange - \$2,500,000

UPCOMING EVENTS

Upcoming Events

Webinars

- [Barn to Trail: Managing Sustainability on Equine Properties](#) – August 1
- [Multimodal Transportation Impact Analysis Case Studies](#) – August 1
- [Visualizing Risk for Resilience](#) – August 5
- [Day-to-Day Practices to Reduce the Carbon Footprint of Asphalt](#) – August 5
- [Communication Tools](#) – August 6
- [Nashville's Transportation Improvement Program: Sidewalks, Signals, and Transit](#) – August 6
- [Designing the Transportation Agency of the Future](#) – August 7
- [Enhancing Transportation Safety Through Integrated TSMO Strategies](#) – August 7
- [Better Together, Forming a Regional Organization to Achieve Your Goals](#) – August 8
- [Implementing Interoperable & Scalable Traffic Events and Warnings](#) – August 8
- [Using Data Effectively to Tell Your Community's Story](#) – August 15
- [The Lost Subways of North America](#) – August 16
- [Progress & Pitfalls: A Real Talk on Equity in Roadway Safety](#) – August 20
- [Bike Comfort: Expanding our Understanding Through Data and Empathy](#) – August 21
- [The OpenStreetMap US Trails Stewardship Initiative](#) – August 22

Events

- [Post-Crash Care Summit](#) – August 6 - Online
- [Association of Pedestrian and Bicycle Professionals' 2024 Conference](#) – August 12-14 – Detroit, MI
- [Green Transportation Summit and Expo](#) – August 20-22 – Tacoma, WA
- [Iowa State Association of Counties \(ISAC\) Annual Conference](#) – August 21-23 – Des Moines, IA
- [TRB Transportation Symposium on Environment, Energy, and Livable Economies](#) – August 25-28 – Denver, CO
- [Iowa Streets and Roads Workshop and Conference](#) – September 10-12 – Des Moines, IA
- [MINK Local Roads Meeting](#) – September 25-26 – St. Joseph, MO
- [APA Iowa Conference](#) – October 16-18 - Sioux City, IA
- [Vision Zero Cities 2024](#) – October 16-18 - New York, NY
- [Mpack Transit + Community Conference](#) (formerly Rail~Volution) – October 20-23 – Philadelphia, PA
- [Safe Routes to School National Conference](#) – October 22–24 – Fort Collins, CO
- [National Alliance to Stop Impaired Driving \(NASID\) Conference 2024](#) – November 18-20 – Arlington, VA

Upcoming Events

Iowa DOT Modal Transportation Bureau shared a **FREE Hazardous Material Rail Training** for incident responders, emergency responders, technicians, and operations personnel.

- **August 20-22, 2024 (3 separate training sessions)**
- **Union Pacific Railroad Yard in Des Moines**

Training includes

- Classroom instruction and simulated hands-on training scenarios
- Lunch will be provided by Union Pacific Railroad
- Certificates will be provided via email following electronic event evaluation form

Registration Link

[TRANSCAER Rail Safety Transportation & Hazmat Training Event | TRANSCAER](#)



The poster features the TRANSCAER logo at the top. Below it is a collage of images: a large rail yard, a circular inset with a fire department logo and the text 'PREVENTION - PREPAREDNESS RECOVERY - RESPONSIBILITY', another circular inset with two workers in safety gear, a third circular inset with a BNSF train, and a fourth circular inset with a BNSF train. Below the collage is the text 'Rail Safety Transportation & Hazmat Training' and a button that says 'CLICK HERE TO REGISTER TODAY'. The poster is divided into two columns: 'SESSIONS' and 'CONTACTS'. The 'SESSIONS' column lists three dates and times: August 20 - 9:00AM to 4:00PM, August 21 - 9:00AM to 4:00PM, and August 22 - 9:00AM to 4:00PM. The 'CONTACTS' column lists two contact persons: Jesse Duplechin (Union Pacific Railroad, Mobile: (402) 350-0049, jesse.duplechin@up.com) and Derek Lampkin (BNSF Railway, Mobile: (612) 760-1365, Derek.Lampkin@BNSF.com). The poster also features the Union Pacific Railroad logo with the slogan 'BUILDING AMERICA' and the BNSF Railway logo with the slogan 'RAILWAY'. At the bottom, there is a note: 'Note: Please see the registration page for additional directions to locate the training site.'

TRANSCAER®

Rail Safety Transportation & Hazmat Training

[CLICK HERE TO REGISTER TODAY](#)

SESSIONS

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- August 22 - 9:00AM to 4:00PM

CONTACTS

Jesse Duplechin
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Mobile: (402) 350-0049
jesse.duplechin@up.com

Derek Lampkin
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UNION PACIFIC
BUILDING AMERICA

BNSF
RAILWAY

Note: Please see the registration page for additional directions to locate the training site.

OTHER ITEMS OF INTEREST

MPO Committees Survey

- MPO staff is in the process of updating its Title VI documentation.
- The documentation will be brought to committees for vote in September.
- As part of the update, the MPO needs to survey its committee members on their gender and ethnicity.
- The collective results will be shared with the Federal Transit Administration.
- LINK: <https://www.surveymonkey.com/r/ZBQFDP3>

L RTP Chapter Review

- Staff sent out draft Chapters 1 & 2 on July 23rd
- Reminder that were a looking to get comments back on these chapters by August 6th

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