



DES MOINES AREA MPO

Transportation Technical Committee Meeting

August 4, 2022

APPROVAL OF AGENDA

August 4, 2022 Agenda

1. Call to Order
2. VOTE: Approval of Agenda
3. VOTE: Approval of Meeting Minutes
4. PRESENTATION: Iowa DOT Regional Projects Update
5. REPORT and VOTE: Safe Streets for All Grant
6. REPORT: FY 2024 Iowa Clean Air Attainment Program Pre-Applications
7. REPORT: EV Workshop Series Development & Survey
8. REPORT: Upcoming Events
9. Other Non-Action Items of Interest to the Committee
10. Next Meeting Date – September 1, 2022 – 9:30 a.m.
11. Adjournment

APPROVAL OF MEETING MINUTES

PRESENTATION: IOWA DOT REGIONAL PROJECTS UPDATE

SAFE STREETS FOR ALL GRANT PROGRAM

Safe Streets and Roads for All Grant Program

- Action Plan would cover the MPO planning area
- Staff is proposing a \$1 million project with \$800,000 begin requested in SS4A grant funds.
- This would require \$200,000 in local matching funds
- Local match options include:
 1. MPO covers local match with reserve funds
 2. Special assessment to all member governments
 3. MPO covers half and other half covered by special assessment
- Staff recommends Option 1
- Application must be submitted by September 15, 2022

IOWA CLEAN AIR ATTAINMENT PROGRAM PRE-APPLICATIONS

Iowa Clean Air Attainment Program

- Altoona – ITS Master Plan - \$76,000
- DART – Route #17 Extension to Bondurant - \$52,400
- DART – Outreach and Education Campaign – \$40,000
- Urbandale – 100th Street Signal Coordination - \$100,000
- West Des Moines – Traffic System Vehicle Detection Improvement - \$432,000

Iowa Clean Air Attainment Program



- ICAAP Schedule
 - September 2022 – Recommendation presented to Policy Committee and resolutions are forwarded to project sponsors
 - October 1, 2022 – Project sponsor submit their applications to the DOT

EV WORKSHOP SERIES DEVELOPMENT & SURVEY

EV Workshop Series Development & Survey

- MPO staff is working with partner organizations to piece together an EV workshop for member communities and partners
- While we work out preliminary details, MPO staff is requesting Transportation Technical Committee members to take a short survey to:
 - Identify emerging priorities
 - Develop and prioritize workshop topics and agendas
 - Identify additional partners
 - Narrow list of potential final products
- Survey open through August 31st
- MPO EV Resource webpage coming soon!

UPCOMING EVENTS

2022 Passenger Transportation Summit



- Thursday, August 11
- 9 a.m. to 3:30 p.m.
- Panelists from human-service agencies and transit agencies.
- FFA Enrichment Center
1055 Southwest Prairie Trail Parkway
Ankeny, IA 50023



I-80 STAKEHOLDER CONVENING & FUNDING UPDATES

WHEN: TUESDAY, AUGUST 16, 2022

WHERE: WESTERN ILLINOIS UNIVERSITY - QUAD CITIES



Argonne
NATIONAL LABORATORY



IOWA CLEAN CITIES COALITION

IOWA
ECONOMIC DEVELOPMENT



Illinois Department
of Transportation



FHWA Webinar: Cold, In-Place Recycled Asphalt

Innovation Exchange

Conversations Launching Change

Presented by the Federal Highway Administration Local Aid Support



- Thursday, August 18
- 1 to 2:30 p.m.
- Cold In-Place Recycling (CIR) consists of recycling asphalt pavement without the application of heat.
- For questions, email Karyn Vandervoort with FHWA's Office of Federal Lands Highway:
karyn.vandervoort@dot.gov

Don't Miss Early Bird Discount Ending July 15!



www.iowastormwater.org/events/conference

CONFERENCE PROGRAM & AGENDA
2022 IOWA STORMWATER CONFERENCE

FFA Enrichment Center | Ankeny, Iowa | September 15-16, 2022



This FREE training is designed for busy elected officials & community leaders. In 1.5 hours, we will identify the link between land use & water resource protection and help you be better prepared to address stormwater issues and opportunities in your community. The event kicks off the annual IStorm Conference. [Join us at the conference!](#)

- 7:30-7:45 AM Reconnecting Iowans to Water**
(Hannah Innman, Great Outdoors Foundation & Maggie McClelland, ICON)
- 7:45-8:00 AM Stormwater Basics for Community Leaders**
(Aaron Gwinnup, EOR)
- 8:00-8:15 AM Stormwater Ordinance Lessons Learned**
(Rudy Koester, City of Waukee)
- 8:15-8:30 AM Crafting a Stormwater Master Plan**
(Patrick Beane, City of Des Moines)
- 8:30-8:45 AM A New Funding Approach: Batch & Build**
(John Swanson, Polk County)
- 8:45-9:00 AM Q&A**

**September
15, 2022**

**FFA
Enrichment
Center**

Ankeny, IA

Certificates
provided
for PDHs



WED ^{SEP} 28

THU ^{SEP} 29

2022 IOWA WATER CONFERENCE: OUR WATERSHED MOMENT, BUILDING COMMUNITIES FOR CONSERVATION

Dubuque, Iowa

REGISTER

Annual APA Iowa Conference



APA Iowa Chapter

2022 Annual Conference | Ottumwa | Oct 12-14

Make little plans to reach high hopes!

- iowa.planning.org/conferences-and-meetings/chapter-conference/
- Bridge View Center, Ottumwa





GROWING SUSTAINABLE COMMUNITIES CONFERENCE

OCTOBER 17-18, 2022

SPONSORED BY



PRESENTED BY



POWERED BY



OTHER ITEMS OF INTEREST

Iowa's EV Infrastructure Deployment Plan Released

- State plan required for NEVI submitted to Joint Office August 1
- Now available online
- Iowa DOT will receive a total of \$51,374,369 in NEVI funds during the 5-year period from FFY22 to FY26.
- Aligned EV goals to *Iowa in Motion*

Table 1: Iowa EVIDP Goals Aligned With System Objectives

IOWA EVIDP GOALS	IOWA IN MOTION SYSTEM OBJECTIVES
Goal 1: An EV fast-charging system that supports regional and interstate travel.	Flow, Accessibility
Goal 2: A local EV system that promotes equitable access and mobility throughout Iowa's communities.	Accessibility
Goal 3: A charging network that helps provide the traveling public with a variety of transportation and energy options.	Flow, Accessibility
Goal 4: A transportation system that reduces energy life-cycle emissions to minimize impact on human and environmental health.	Sustainability
Goal 5: A sustainable transportation and energy system that can adapt to economic, technological, and environmental changes, while providing a high level of system reliability.	Sustainability, Flow
Goal 6: A charging network that supports long-term EV station success, which maximizes economic benefits for consumers.	Sustainability, Flow
Goal 7: A growing network of chargers that fosters innovation and collaboration to expand economic opportunities.	Sustainability

Iowa's EV Infrastructure Deployment Plan Released

- Preliminary takeaways:
 - Focus on Alternative Fuel Corridors
 - Non-AFC investments can be made after AFC built out (expecting ~ 2 years)
 - No EV infrastructure on DOT properties (IE: Rest Stops)
 - Outcomes (p. 15):
 - Maximize \$\$
 - Providers align with State goals
 - Ownership, Operations, & Maintenance: responsibility of partners, not DOT
 - Engage community partners near sites
 - “...the utilities and present representation felt that most of the utilities could handle an additional 600-kW load at most interstate exits, provided three-phase power is already located nearby.”

Iowa's EV Infrastructure Deployment Plan Released

- Current DCFC stations in Iowa – compliant v non-compliant
 - NEVI: Minimum of four 150-kW charging stations located within 1 mi of the AFC
 - Currently 3 comply with NEVI – including Waukee – K & G
 - Lists 9 metro DCFC that are within distance but lack capacity req's
- None of the proposed and analyzed sites are within DMAMPO boundaries
- Workforce needs & Justice 40 considerations
- Performance Metrics:
 - Percent of NEVI-compliant AFCs & stations built out
 - Number serving disadvantaged & rural areas
 - Annual charging energy consumed
 - Uptime rates & charging speeds
 - Average consumer cost per kWh
 - # of charges per port per day
 - # of EVITP Certified Professionals
- Plan will be updated with time and progress

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