DES MOINES AREA MPO

Transportation Technical Committee Meeting

November 4, 2021

DES MOINES AREA MPO METROPOLITAN PLANNING ORGANIZATION

APPROVAL OF AGENDA

November 4, 2021 Agenda

1. Call to Order
2. VOTE: Approval of Agenda
3. VOTE: Approval of Meeting Minutes
4. PRESENTATION: Traffic Incident Management
5. REPORT and VOTE: Calendar Year 2022 Meeting Dates
6. REPORT and VOTE: DART Safety Performance Targets FY 2022
7. REPORT and VOTE: Iowa DOT 2018-2022 HSIP Targets
8. REPORT and VOTE: ICLEI Regional Affiliate Membership for the MPO
9. REPORT and VOTE: Renewal of Polk County Watershed Management MOU
10. REPORT and VOTE: FFY 2022-2025 Transportation Improvement Program Amendment
11. REPORT: Surface Transportation Block Grant (STBG) Program Schedule
12. REPORT: Transload Facility Update
13. REPORT: Mobilizing Tomorrow Performance Measure Dashboard
14. REPORT: Upcoming Events
15. Other Non-Action Items of Interest to the Committee
16. Next Meeting Date – December 2, 2021 – 9:30 a.m.
17. Adjournment

APPROVAL OF MEETING MINUTES

PRESENTATION: TRAFFIC INCIDENT MANAGEMENT

Traffic Incident Awareness
Wrong Way Drivers

Doug Allen
Ames Fire Department
Iowa Fire Service Training Bureau

DSM MPO
Nov. 4, 2021

TIM Principles

- The I’m Most Important
- Collaboration/Unified Command
- Recognizing the value of all agencies
- Improves safety of us and the Public

Collaboration

- Total City Perspective
- Outside Partner Agencies

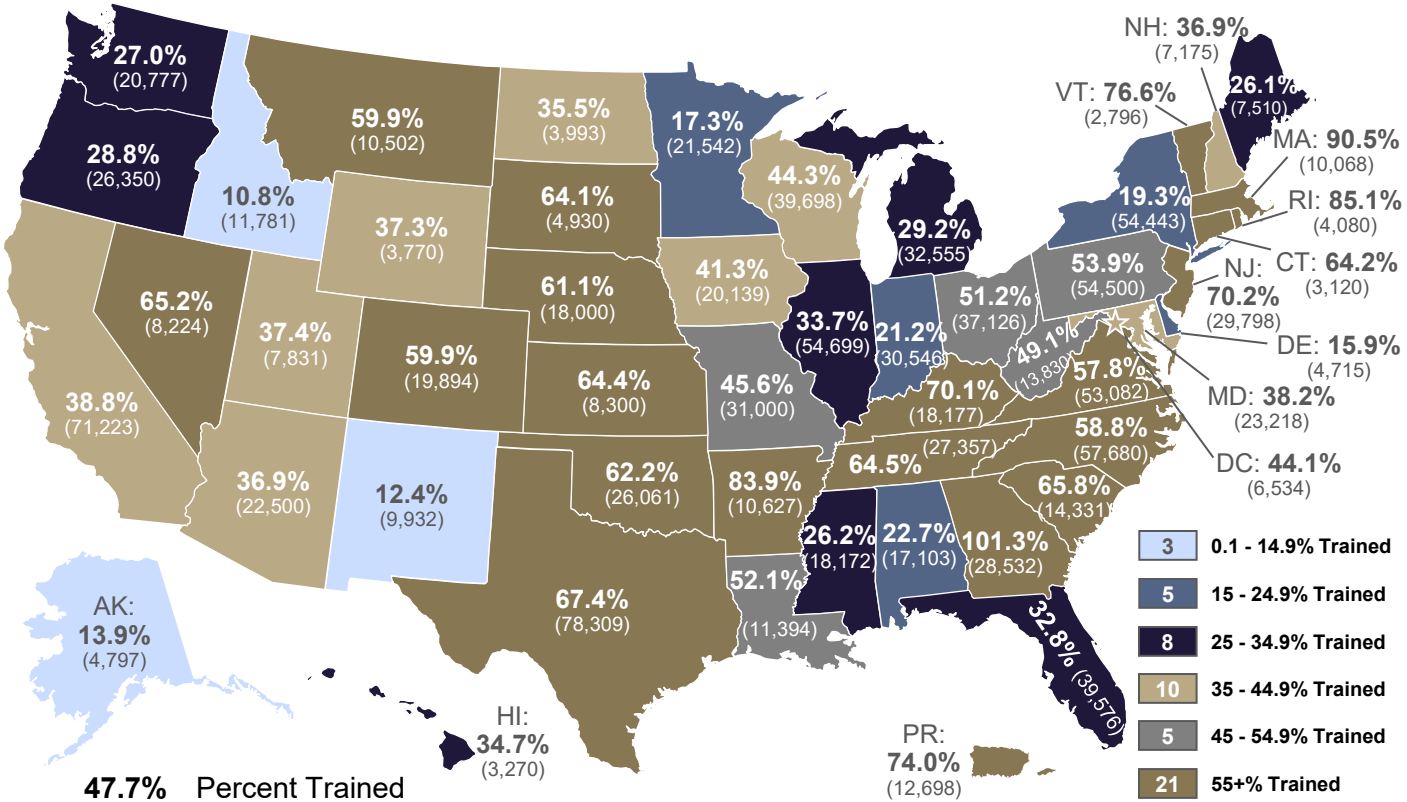
National Traffic Incident Management (TIM) Responder Training Program

COMMUNICATIONS | EMERGENCY MANAGEMENT | EMS | FIRE/RESCUE
LAW ENFORCEMENT | TOWING & RECOVERY | TRANSPORTATION/PUBLIC WORKS

TIM Training Program Implementation Progress

Percent Trained – Goal of 45%

- As of October 11, 2021



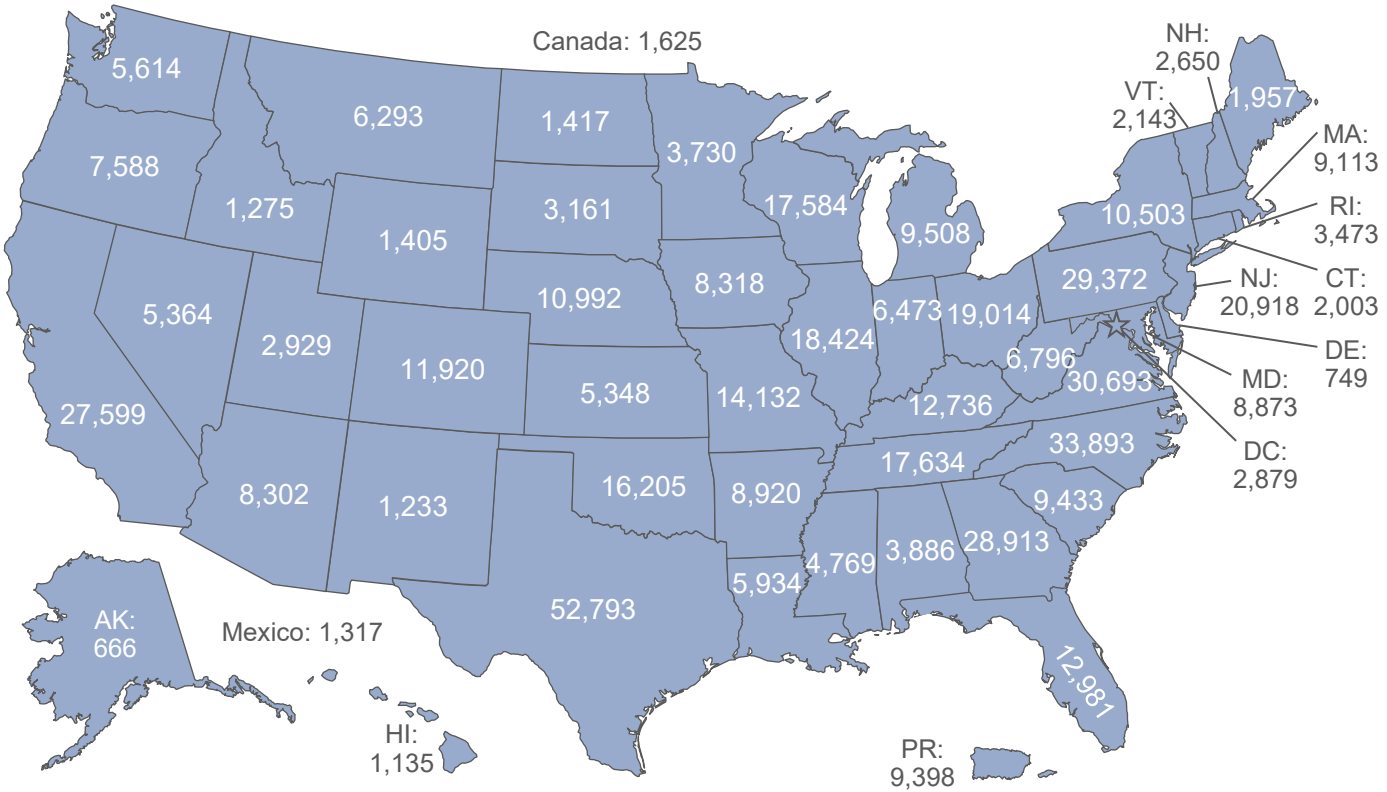
47.7% Percent Trained

(1,158,265) Total Responders To Be Trained

TIM Training Program Implementation Progress

Total Trained

- As of October 11, 2021



551,983 Total Trained

"D" Drivers

"D" Drivers are killing us…

- ✓ Drunk,
- ✓ Drugged,
- ✓ Drowsy,
- ✓ Distracted, or
- ✓ Just plain… Dangerous

Traffic Queues – Backup of Approaching Traffic

CRASH
AHEAD

Wrong Way Drivers

allen@dps.state.ia.us

CALENDAR YEAR 2022 MEETING DATES

DES MOINES AREA MPO METROPOLITAN PLANNING ORGANIZATION

Calendar Year 2022 Meeting Dates

TTC COMMITTEE	EXECUTIVE COMMITTEE	POLICY COMMITTEE
Thursday, January 6	Wednesday, January 12	Thursday, January 20
Thursday, February 3	Wednesday, February 9	Thursday, February 17
Thursday, March 3	Wednesday, March 9	**No Meeting
Thursday, April 7	Wednesday, April 13	Thursday, April 21
Thursday, May 5	Wednesday, May 11	Thursday, May 19
Thursday, June 2	Wednesday, June 8	Thursday, June 16
Thursday, July 7	Wednesday, July 13	**No Meeting
Thursday, August 4	Wednesday, August 10	Thursday, August 18
Thursday, September 1	Wednesday, September 7	Thursday, September 15
Thursday, October 6	Wednesday, October 12	Thursday, October 20
Thursday, November 3	Wednesday, November 9	Thursday, November 17
Thursday, December 1	Wednesday, December 7	**No Meeting

DART SAFETY PERFORMANCE TARGETS FY 2022

DES MOINES AREA MPO
METROPOLITAN PLANNING ORGANIZATION

DART Safety Performance Targets FY 2022

The Federal Transit Administration (FTA)'s Public Transportation Agency Safety Plan (PTSAP) regulation requires transit agencies to prepare safety plans and performance targets and to coordinate with their state and MPOs in the planning process

- As part of coordination, DART Safety Plans and Targets will be integrated into MPO's planning documents (including TIP and LRTP)

For FY 2022, Safety Targets updated but Safety Plan unchanged

Safety Performance Targets

Mode of Transit Service	Fatalities	Fatalities per 100/K miles	Injuries	Injuries per 100/K miles	Safety Events	Safety Events per 100/k miles	System Reliability
Fixed Route							
FY 21 Target	0	0	13.0	2.0	15.0	3.0	8,500
FY 21 Actual	0	0	2.0	.10	10.0	0.52	16,984.04
FY 22 Target	0	0	10.0	1.25	12.0	1.5	10,500
Paratransit							
FY 21 Target	0	0	2.0	1.0	3.00	1.0	21,000
FY 21 Actual	0	0	0.0	0.0	0.0	0.0	0.00
FY 22 Target	0	0	2.0	1.0	2.0	0.4	400,000
Rideshare							
FY 21 Target	0	0	1.0	1.0	1.0	1.0	138,000
FY 21 Actual	0	0	0.0	0.0	1.0	.15	0.00
FY 22 Target	0	0	1.0	1.0	1.0	.17	138,00
Taxi							
FY 21 Target	0	0	1.0	1.0	1.0	1.0	7,400
FY 21 Actual	0	0	0.0	0.0	0.0	0.0	0.00
FY 22 Target	0	0	1.0	1.0	1.0	.17	7,400

FY 2022 Safety Performance Targets

Patrick Daly, Safety Manager

November 2022

DART Safety Performance Targets

- DART is required to set and track safety performance targets in specific categories for each mode of service we deliver.
- DART had a FY 2021 goal of 1.0 preventable accidents per 100/K miles of revenue service.
- Achieved a rate of 0.69 preventable accidents per 100/K miles of revenue service.
- Met or exceeded every target.

DART Safety Performance Targets

- FY 2022 Safety Performance Targets were adopted by the DART Commission in August.
- The FY 2022 Safety Performance Targets on the following slides, were determined based on FY 21's actual numbers and most were adjusted lower than FY 21's targets while considering the uniqueness of FY 21's service and other factors.

Safety Performance Targets

Safety Performance Targets – Fixed Route and Paratransit							
Mode of Transit Service	Total Fatalities	Fatalities per 100/K Miles	Total Injuries	Injuries per 100/K Miles	Total Safety Events	Safety Events per 100/k Miles	System Reliability (Major road calls)
Fixed Route							
FY 21 - Target	0	0	13.0	2.0	15.0	3.0	8,500
FY 21 - Actual	0	0	2.0	.10	10.0	0.52	16,984.04
FY 22 - Target	**0**	**0**	**10.0**	**1.25**	**12.0**	**1.5**	**10,500**
Paratransit							
FY 21 – Target	0	0	2.0	1.0	3.0	1.0	21,000
FY 21 - Actual	0	0	0.0	0.0	0.0	0.0	----
FY 22 - Target	**0**	**0**	**2.0**	**1.0**	**2.0**	**0.4**	**400,000**

Safety Performance Targets

Safety Performance Targets – Rideshare and Taxi							
Mode of Transit Service	Total Fatalities	Fatalities per 100/K miles	Total Injuries	Injuries per 100/K miles	Total Safety Events	Safety Events per 100/k miles	System Reliability (Major road calls)
Rideshare							
FY 21 - Target	0	0	1.0	1.0	1.0	1.0	138,000
FY 21 - Actual	0	0	0.0	0.0	1.0	.15	-----
FY 22 - Target	**0**	**0**	**1.0**	**1.0**	**1.0**	**.17**	**138,000**
Taxi							
FY 21 – Target	0	0	1.0	1.0	1.0	1.0	7,400
FY 21 - Actual	0	0	0.0	0.0	0.0	0.0	-----
FY 22 - Target	**0**	**0**	**1.0**	**1.0**	**1.0**	**.17**	**7,400**

Questions?

IOWA DOT 2018-2022 HSIP TARGETS

Iowa DOT 2018-2022 HSIP Targets

The Federal Highway Administration (FHWA)'s Highway Safety Improvement Program (HSIP) regulation requires State DOTs and MPOs to annually report safety performance measures. MPOs can either (1) support statewide targets or (2) develop their own targets.

Previously, the MPO has developed its own regional safety performance measures.

Based on feedback from the Executive Committee, the MPO will consider the adoption of the Iowa DOT statewide safety performance targets.

- Regional safety performance will still be reported.

Iowa DOT Statewide 2018-2022 Safety Performance Targets

Performance Measure	Five-year Rolling Averages	
	2016-2020 Baseline	2018-2022 Target
Number of Fatalities	345.2	337.8
Fatality Rate*	1.053	1.037
Number of Serious Injuries	1,391.6	1,327.2
Serious Injury Rate*	4.241	4.073
Non-Motorized Fatalities and Serious Injuries	128.6	129.8

**Rates are per 100 million vehicle miles traveled (VMT)*

Iowa DOT 2018-2022 HSIP Targets

Statewide and Regional Safety Performance

Iowa	2020	2021 YTD
Number of Fatalities	337	263
Number of Serious Injuries	1,313	1,157
Number of Non-Motorized Fatalities and Serious Injuries	143	121
Des Moines MPO Area	**2020**	**2021 YTD**
Number of Fatalities	37	33
Number of Serious Injuries	140	**163**
Number of Non-Motorized Fatalities and Serious Injuries	27	**27**

Last Updated on October 19, 2021

DES MOINES AREA MPO METROPOLITAN PLANNING ORGANIZATION

ICLEI REGIONAL AFFILIATE MEMBERSHIP FOR THE MPO

Background

Climate action planning is on the rise:

- Des Moines Metro
  - Des Moines – GHG Inventory, Energy Resolution, Climate Action and Adaptation Plan*
  - Urbandale – Greenhouse Gas Inventory Agreement w/ UNI CEEE
  - Johnston – Exploring options including GHG inventory
  - Polk County – Resolution: GHG reductions, energy audit, climate action plan
- Federal
  - 20+ Federal Agencies released Climate Adaptation and Resilience Plans
    - Including USDOT, HUD, Homeland Security, USACE, DOE, DOL…

ICLEI – Local Governments for Sustainability

First & largest global network of local governments devoted to solving the world's most intractable sustainability challenges.

- Three membership pathways:
  - City, County, Tribal
  - Regional Affiliate
  - Education Institutions
- Regional Membership benefits
  - Frameworks for policy and action
  - Tools – ClearPath*, Temperate, LEARN
  - Technical assistance for region and member communities
  - Network of regions and communities working on similar initiatives

ICLEI
Local Governments for Sustainability
USA

ICLEI – Local Governments for Sustainability

- Individual Community Annual Membership Fee:
  - > 100,000 population: $1,200
  - 100,000 – 300,000 population: $2250
- Regional Affiliate Annual Membership Fee:
  - Fee based on operating budget
  - DMAMPO Fee: $3400
- Des Moines & UNI CEEE already members
  - DSM's status as a member would not be affected
- Member communities can join, if they choose, as well

Consideration of Regional Affiliate Membership

Through membership MPO can:

- Prepare Greenhouse Gas Inventories for member jurisdictions
- Connect region with custom technical resources and trainings
- Encourage cohesiveness of regional data and action
- Regional savings of up to $15,000 annually on individual fees

RENEWAL OF POLK COUNTY WATERSHED MANAGEMENT MOU

DES MOINES AREA MPO
METROPOLITAN PLANNING ORGANIZATION

Renewal of Polk County Watershed Management MOU

- Update to MOU with Polk County
  - MPO Duties
    - WMA administration
    - Mapping support
    - Plan & policy development
    - Outreach & communication
  - Revised language to perpetual agreement with option to withdraw in March of each year
  - $10,000 to MPO annually in two installments (April & October)
- Draft MOU being reviewed by County and MPO Counsels*

FFY 2022-2025 TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENT

DES MOINES AREA MPO
METROPOLITAN PLANNING ORGANIZATION

FFY 2022-2025 TIP Amendment Request

- **Sponsor**: Warren County Conservation Board
- **Project**: Great Western Trail Renovation Phase 1
- **Federal Aid Amount**: $637,000
- **Total Cost**: $752,000
- **Type of Funding**: RTP Covid
- **TIP Project Modifications**: None necessary
- **Change**: Add the project to FFY 2022 of the FFY 2022-2025 Transportation Improvement Program

SURFACE TRANSPORTATION BLOCK GRANT (STBG) PROGRAM SCHEDULE

STBG Program Schedule

- Applications posted on December 3, 2021
- Applications due January 7, 2022
- Applicant presentations February/March 2022

TRANSLOAD FACILITY UPDATE

Transload Facility Update

- The following bullets provide an overview of the status of the projects and upcoming work to move the project forward:
  - Wrapping up pouring the warehouse slab
  - Railworks – track installed and laying ballast
  - Office walls completed and electrical almost completed
  - Hired and Operations Manager and posted for a Business Manager
  - IAIS Switch is being assembled and will be installed next week
  - Grouting pre-cast wall panels

LGEX 4
EXW 19-7
EXW 12-8
CU. FT. 3400
SDI USA

BUILT-TO-SUIT

Transload Facility Update

- BUILD Grant Reimbursement Update
  - $1,495,866 submitted on October 20th
  - $7,037,870 total Federal Funds requested to date
  - $4,162,129 in Federal Funds remaining

  - Expecting the 5th reimbursement request late next week

Transload Facility Update

- Schedule
  - Railroad Work Completed – October 2021
  - Rail portion operational – November 2021
  - Warehouse operational – February 2022
  - Project Completion/Close-Out – March 2022
  - Formal Certificate of Occupancy – Spring 2022

PERFORMANCE MEASURES DASHBOARDS

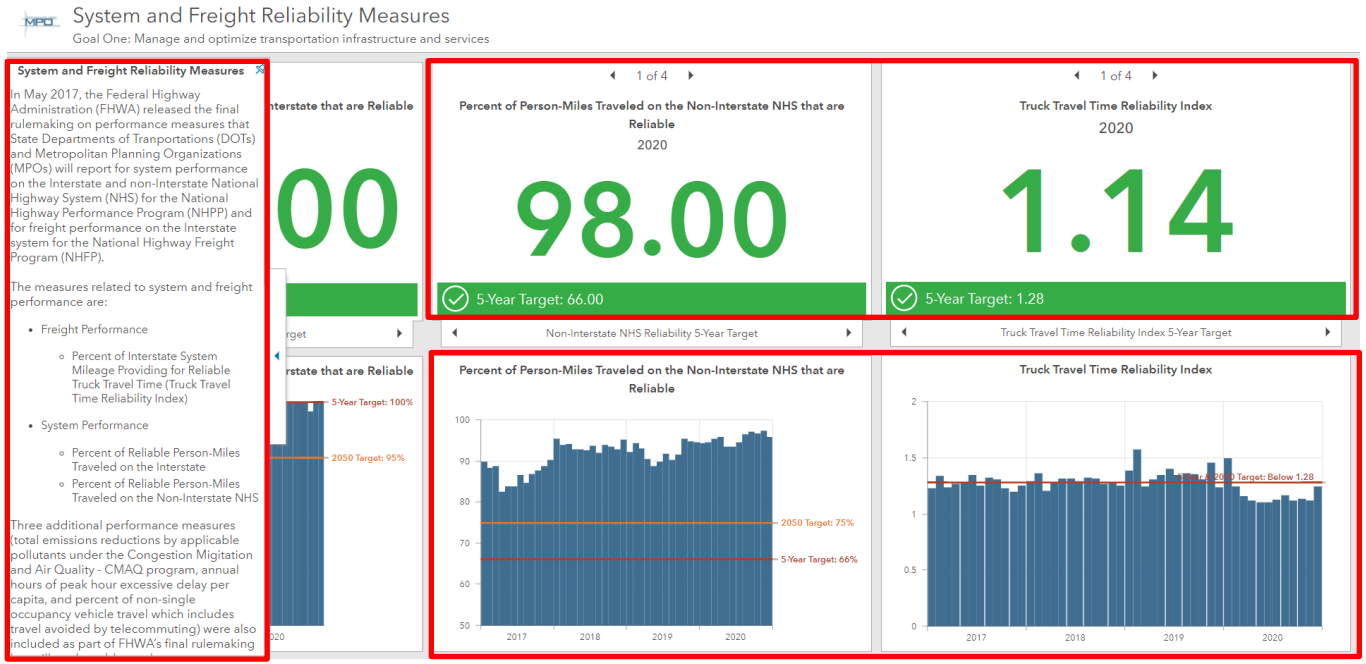
Performance Measures Dashboards

The MPO's Mobilizing Tomorrow Plan was approved in November 2019.

November 2021 marks the second anniversary of Mobilizing Tomorrow.

To celebrate, the MPO is developing performance measures dashboards to track progress.

Performance Measures Dashboards

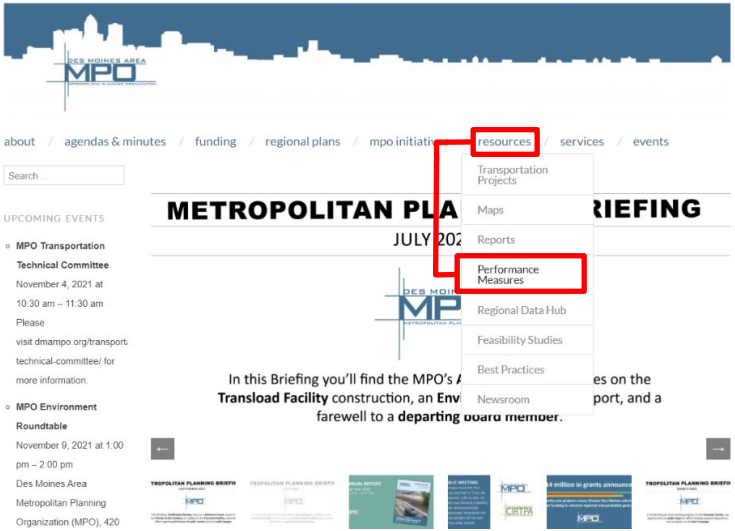


Background Information

5-Year and 2050 Targets

Historical Performance

Performance Measures Dashboards



Explore the Performance Measures Dashboards at

https://dmampo.org/performance-measures/

UPCOMING EVENTS

EV Ready Communities Webinar

Wednesday, November 10th 11:00-12:15pm via Zoom

Popularity, production, and adoption are on the rise!
Join us for a 75-minute webinar focused on how cities and counties of all sizes can become electric vehicle ready.

Panelists:
Brian Ross – Great Plains Institute
Jolene Jansen – Clean Energy Districts of Iowa
MK Anderson – Iowa Economic Development Authority

More information and registration at https://iowa.planning.org/events/eventsingle/9224712/

1000 Friends of Iowa

People United for Responsible Land Use

DES MOINES AREA MPO
METROPOLITAN PLANNING ORGANIZATION

Clean Energy Districts of IOWA

GREAT PLAINS INSTITUTE

APA IA

Mitigation and Recovery From Natural Disasters:
A One-Day Interactive Workshop

Saturday, November 13, 2021
9 a.m. - 4 p.m. CST
CM credits: 6

Join a day-long group exercise workshop to learn the essential skills and considerations in planning for hazard mitigation and disaster recovery.

Event link:
iowa.planning.org/events/eventsingle/9222866/

FEATURED SPEAKER:
James Schwab, FAICP

Helped establish subfield of hazards planning.

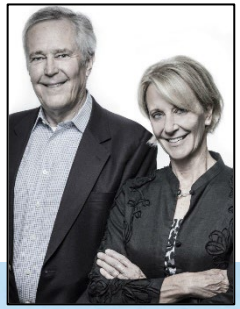
Chair, APA's Hazard Mitigation and Disaster Recovery Planning Division

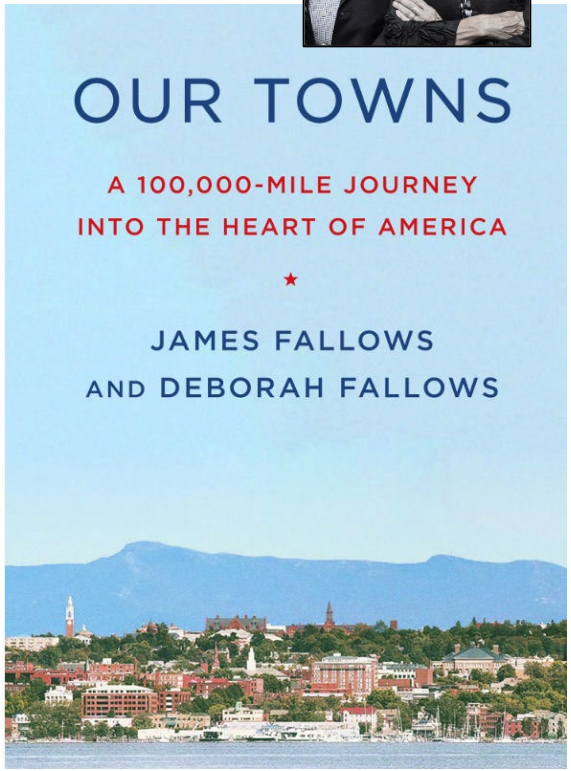
A New Vision for Iowa's Rural Towns
25 Years of Action

Iowa's Living Roadways Celebration

Celebrate the 25th anniversary of Iowa's Living Roadways, the programs of which support communities wanting to improve their corner of the world.

- November 19 @ 9:00 am – 4:00 pm
- Gateway Hotel & Conference Center, Ames, Iowa
- Please register by November 12.
- Masks are required for all attendees.
- **Event link:** treesforever.org/event/ilrcelebration**/**





AARP Real Possibilities

DISCOVER THE REAL POSSIBILITIES IN IOWA
AARP IN YOUR COMMUNITY

Local Advocacy Summit

8:30 a.m. to Noon
Tuesday, Dec. 7
Zoom

Learn tips to talk to city officials, involve others and take action to make your community safer and more livable for all. Hear Iowa examples of what works and what doesn't. Our goal? Simple, to help you reach yours.

More info online:
states.aarp.org/iowa/events-ia

OTHER NON-ACTION ITEMS

IOWA STATE UNIVERSITY

Institute for Transportation

Small City Work Zone Sign Package Program

Ten cities with population 10,000 or less will receive package of roadway work signs.

- Applications due Nov. 30
- Application link: https://iastate.qualtrics.com/jfe/form/SV_9YKOuoXMp4rpDxP

Past Winners

- 2021
  - Mitchellville
  - Windsor Heights
- 2020
  - Adel
- 2019
  - Madrid
  - Bondurant
  - Van Meter
  - Alleman
- 2017
  - Norwalk
  - Huxley
  - Carlisle

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