



# MPO/RPA Quarterly Meeting

December 13, 2023





# Agenda Items

## **SYSTEMS PLANNING BUREAU UPDATES**

Various staff

## **FEDERAL UPDATES**

Johnnie Gibson

## **CULTURAL RESOURCES**

Brennan Dolan

## **VULNERABLE ROAD USER (VRU) SAFETY ASSESSMENT**

Larry Grant

## **IOWA CRASH ANALYST TOOL (ICAT) DASHBOARD**

Hossein Naraghi

## **PROGRAM MANAGEMENT**

Matt Chambers & Zac Bitting

## **RAIL TRANSPORTATION**

Maria Hobbs

## **INPUT GATHERING EXERCISE**

Sam Hiscocks

## **MPO/RPA DISCUSSION**

Attendees



The background image shows a wide river flowing towards a dam in the distance. A large barge is moving down the river. In the foreground, there are some buildings and trees along the riverbank. A large teal shape, resembling a stylized arrow or a large 'V', is overlaid on the left side of the image, pointing towards the right. Inside this shape, the title and subtitle are written in white text.

# Systems Planning Bureau updates

Various staff

## **Staff changes (Garrett Pedersen)**

## **Bicycle and Pedestrian (Milly Ortiz)**

## Carbon Reduction Strategy (CRS) update (Andrea White)

- Submitted final CRS to FHWA-IA on August 1
  - No response yet
  - They should certify the CRS meets requirements or specify actions to take
- Will be posted online and shared with MPOs upon approval
- Will likely be amended into State Long-Range Transportation Plan (LRTP); MPOs encouraged to integrate the strategies into their LRTPs and/or programming processes
- Plan to provide a more detailed overview at a future quarterly meeting



## Greenhouse Gas (GHG) Final Rule (Andrea White)

- New PM3 performance measure for States and MPOs: percent change in on-road tailpipe carbon dioxide (CO<sub>2</sub>) emissions on the National Highway System (NHS) relative to the reference year (2022).

(c) Tailpipe CO<sub>2</sub> emissions on the NHS for a given year shall be computed in million metric tons (mmt) and rounded to the nearest hundredth as follows:

Equation 1 to paragraph (c)

$$(\text{Tailpipe CO}_2 \text{ Emissions on NHS})_{CY} = \left( \sum_{t=1}^T (\text{Fuel Consumed})_t \times (\text{CO}_2 \text{ Factor})_t \right) \times \left( \frac{\text{NHS VMT}}{\text{Total VMT}} \right)$$

### § 490.513 Calculation of National Highway System performance measures.

\* \* \* \* \*

(d) The GHG measure specified in § 490.507(b) shall be computed to the nearest tenth of a percent as follows:

Equation 3 to paragraph (d)

$$\frac{(\text{Tailpipe CO}_2 \text{ Emissions on NHS})_{CY} - (\text{Tailpipe CO}_2 \text{ Emissions on NHS})_{\text{reference year}}}{(\text{Tailpipe CO}_2 \text{ Emissions on NHS})_{\text{reference year}}} \times 100$$

## Greenhouse Gas (GHG) Final Rule (Andrea White)

- State DOT targets due February 1, 2024. MPO targets will be due within 180 days of the state's targets.
- Targets must be declining.
  - MPO process is similar to other PM2/PM3 measures.
  - MPOs will establish 4-year targets within 180 days of the state DOT.
  - MPOs can establish their own targets or support the state's.
  - MPOs have flexibility in how they calculate the GHG metric.
  - MPOs report on progress through their LRTPs.
  - There is no review of MPO targets or penalties for not achieving them.
  - If this schedule holds, MPO targets would be due by the end of July 2024.
- Iowa DOT determining internal and external coordination processes.
- <https://www.federalregister.gov/d/2023-26019>



## Grants (Deb Arp)

## Resiliency Improvement Plan (Sam Sturtz)

- Voluntary planning activity
- If completed, allows for a reduced non-federal share of the cost of Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) projects
- Builds on existing resiliency planning strategy in State Transportation Plan
- Resiliency Toolbox (30 strategies, 25 countermeasures for mitigating hazards, and project selection and programming processes for PROTECT funds)
- Input from Iowa DOT Resiliency Working Group, State agency partners, and universities.

ROBUST



RESOURCEFUL



REDUNDANT



RESPONSIVE



## General planning updates (Sam Hiscocks)

- Travis Halm, Metropolitan and Regional Planning Coordinator
  - Starting Monday, December 18th
- 2024 MPO/RPA Quarterly Meetings
  - March 20th
  - June 19th
  - September 18th
  - December 11th
- Other misc. updates





*Thank you!*

---

Questions?



Samuel.Hiscocks@iowadot.us



515-239-1520