



DES MOINES AREA MPO

Transportation Technical Committee Meeting

January 5, 2023

APPROVAL OF AGENDA

January 5, 2023, Agenda



1. Call to Order
2. VOTE: Approval of Agenda
3. VOTE: Approval of Meeting Minutes
4. REPORT and VOTE: FFY 2023-2026 Transportation Improvement Program Amendments
5. REPORT and VOTE: FFY 2023-2027 Passenger Transportation Plan Draft
6. REPORT: FY 2024 Unified Planning Work Program and Budget Development
7. REPORT: RAISE Grant Notice of Funding Opportunity
8. REPORT: Iowa DOT 2019-2023 Safety Performance Targets (PM1)
9. REPORT: Iowa DOT 2022-2025 Pavement and Bridge Performance Targets (PM2)
10. REPORT: Iowa DOT 2022-2025 System and Freight Performance Targets (PM3)
11. REPORT: Greenhouse Gas Inventory Update
12. REPORT: Upcoming Events
13. Other Non-Action Items of Interest to the Committee
14. Next Meeting Date – February 2, 2023 – 9:30 a.m.
15. Adjournment

APPROVAL OF MEETING MINUTES

FFY 2023-2026 TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENT

FFY 2023-2026 TIP Amendment

Sponsor: City of Des Moines

Project: Traffic Signal Timing Update - Phase 5 (ID 52454)

Federal Aid Amount: \$232,000

Total Cost: \$290,000

Type of Funding: ICAAP (CMAQ)

TIP Project Modifications: None necessary.

Change: Change funding from SWAP-STBG to CMAQ (FA) and update the project number.

FFY 2023-2026 TIP Amendment

Sponsor: City of Johnston

Project: Merle Hay Road Corridor Traffic Signal Improvements (ID 52457)

Federal Aid Amount: \$621,470

Total Cost: \$776,840

Type of Funding: ICAAP (CMAQ)

TIP Project Modifications: None necessary.

Change: Change funding from SWAP-STBG to CMAQ (FA) and update the project number.

FFY 2023-2026 TIP Amendment

Sponsor: West Des Moines

Project: Traffic Signal Vehicle Detector Improvement Project (ID 52462)

Federal Aid Amount: \$480,000

Total Cost: \$600,000

Type of Funding: ICAAP (CMAQ)

TIP Project Modifications: None necessary.

Change: Change funding from SWAP-STBG to CMAQ (FA) and update the project number.

FFY 2023-2027 PASSENGER TRANSPORTATION PLAN DRAFT

FFY 2023-2027 Passenger Transportation Plan Draft

- IA DOT required plan – updated every 5 years
- Developed with Transportation Advisory Group guidance and input for MPO & CIRTPA region
- Priority Areas:
 - Clear & organized transportation information
 - Current and future externalities affecting mobility
 - COVID-19, funding, MCOs, etc.
 - Regional coordination
- Draft submission to IA DOT February 1
 - Public comment period through April 1; Final draft due May 1



FY 2024 UNIFIED PLANNING WORK PROGRAM AND BUDGET DEVELOPMENT

FY 2024 UPWP and Budget Development

- MPO's scope of work for next fiscal year
 - Work elements and activities
 - Committees
 - Costs
- Proposed work activities are tied to the MPO's federal requirements
- Draft due April 1st - Final due June 1st

FY 2024 UPWP and Budget Development

- MPO Requirements per US Code
 - Unified Planning Work Program (UPWP)
 - Long Range Transportation Plan (LRTP)
 - Transportation Improvement Program (TIP)
 - Public Participation Plan (PPP)
- Additional MPO Requirements
 - Congestion Management Process (required of TMAs)
 - Must have decision making bodies (e.g., MPO Policy Committee)
 - Administer STBG funding process

FY 2024 UPWP and Budget Development

- FHWA/FTA Planning Emphasis Areas for 2023 yet to be released.
- 2022 emphasis areas:
 - Climate Change
 - Equity and Justice in Transportation Planning
 - Complete Streets
 - Virtual Public Involvement
 - Planning & Environmental Linkages
 - Data in Transportation Planning

FY 2024 UPWP and Budget Development

- MPO staff soliciting input on additional tasks for FY 2023
 - Plans
 - Studies
 - Research
 - Technical assistance to communities
- Please send any requests/ideas to MPO staff by end of January

RAISE GRANT NOTICE OF FUNDING OPPORTUNITY

RAISE Grant Notice of Funding Opportunity



- The RAISE NOFO was released on December 14, 2022
- There is \$1.5 billion available for the FFY 2023 round of funding
- Applications are due on February 28, 2023 and must be submitted through Grants.gov

IOWA DOT 2019-2023 SAFETY TARGETS (PM1)

Iowa DOT 2019-2023 Safety Targets (PM1)

The Federal Highway Administration (FHWA)'s Highway Safety Improvement Program (HSIP) requires State DOTs and MPOs to annually report safety performance measures (PM1). MPOs can either (1) support statewide targets or (2) develop their own regional targets.

Previously, the MPO adopted the Iowa DOT's statewide safety performance targets.

- Regional safety performance still being monitored.

There are no penalties for MPOs for not meeting or making significant progress towards targets.

Iowa DOT Statewide 2019-2023 Safety Performance Targets

Performance Measure	Five-year Rolling Averages	
	2017-2021 Baseline	2019-2023 Target
Number of Fatalities	337.2	351.4
Fatality Rate*	1.029	1.073
Number of Serious Injuries	1,376.4	1,398.2
Serious Injury Rate*	4.193	4.264
Non-Motorized Fatalities and Serious Injuries	130.0	134.4

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

Iowa DOT 2019-2023 Safety Targets (PM1)

Statewide and Regional Safety Performance

Iowa	2017-2021 (Five-year Average)	2022
Number of Fatalities	337.2	329
Number of Serious Injuries	1,376.4	1,398
Number of Non-Motorized Fatalities and Serious Injuries	130.0	118
Des Moines MPO Area	2017-2021 (Five-year Average)	2022
Number of Fatalities	34.4	35
Number of Serious Injuries	173.2	203
Number of Non-Motorized Fatalities and Serious Injuries	26.6	38

Last Updated on January 3, 2023

IOWA DOT 2022-2025 PAVEMENT AND BRIDGE TARGETS (PM2)

Iowa DOT 2022-2025 Pavement and Bridge Targets (PM2)

Under the MAP-21 and FAST Acts, State DOTs and MPOs set pavement and bridge performance measure (PM2) targets. State DOTs set targets on 2- and 4-year periods.

MPOs can either (1) support statewide 4-year targets or (2) develop their own regional 4-year targets.

Previously, the MPO adopted the Iowa DOT statewide performance targets.

There are no penalties for MPOs for not meeting or making significant progress towards targets.

	Topic	Performance measure(s)	Baseline (CY 2021 data)	Proposed 2-year target (CY 2023 data)	Proposed 4-year target (CY 2025 data)
PM2	Pavement	Percentage of pavements of the Interstate System in Good condition	58.8%	55.0%	55.0%
		Percentage of pavements of the Interstate System in Poor condition	0.4%	3.0%	3.0%
		Percentage of pavements of the non-Interstate NHS in Good condition	37.9%	35.0%	35.0%
		Percentage of pavements of the non-Interstate NHS in Poor condition	3.7%	6.0%	6.0%
	Bridge	Percentage of NHS bridges classified as in Good condition	48.6%	52.5%	56.0%
		Percentage of NHS bridges classified as in Poor condition	2.4%	5.0%	6.6%

Iowa DOT 2022-2025 Pavement and Bridge Targets (PM2)

Figure 1: Interstate pavement historical condition, prior targets, and proposed targets

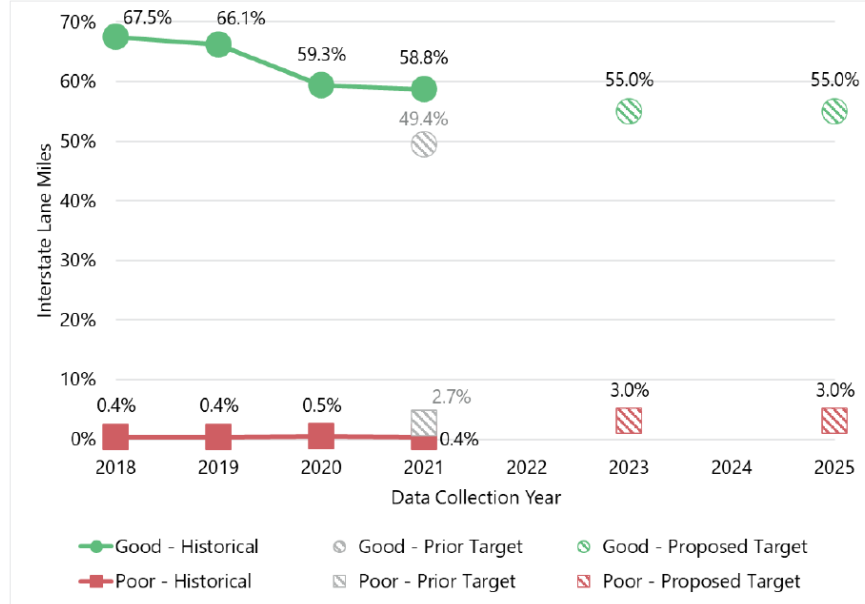
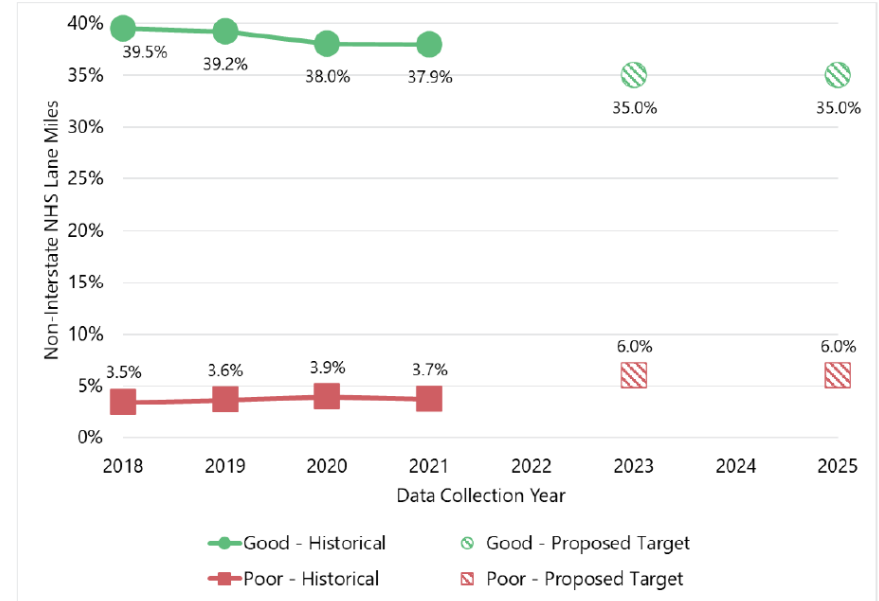
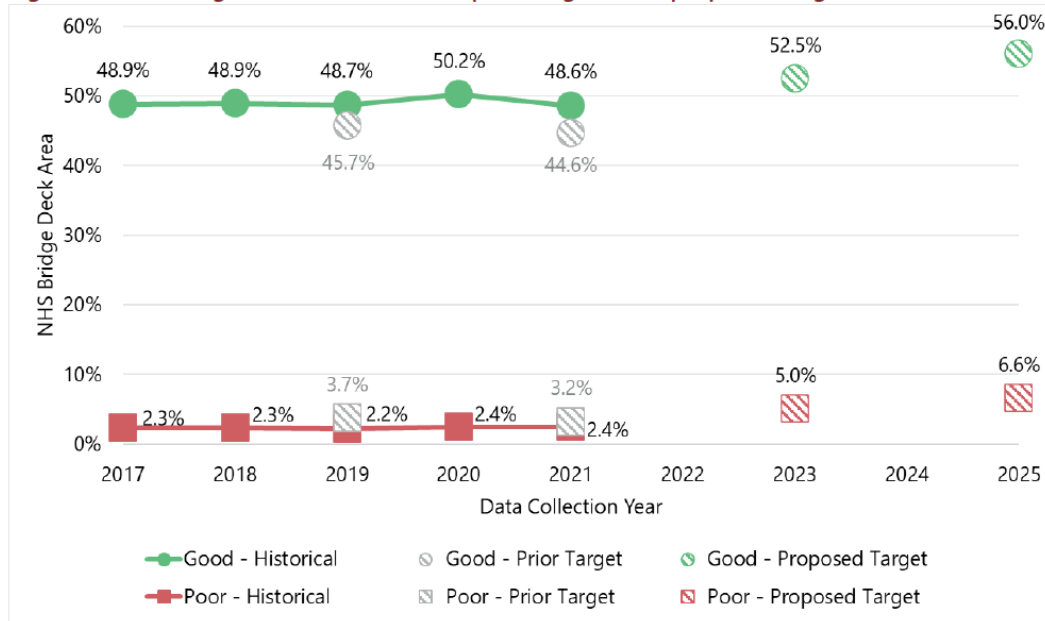


Figure 2: Non-Interstate NHS pavement historical condition and proposed targets



Iowa DOT 2022-2025 Pavement and Bridge Targets (PM2)

Figure 3: NHS bridge historical condition, prior targets, and proposed targets



IOWA DOT 2022-2025 SYSTEM AND FREIGHT TARGETS (PM3)

Iowa DOT 2022-2025 System and Freight Targets (PM3)

Under the MAP-21 and FAST Acts, State DOTs and MPOs set system and freight performance measure (PM3) targets. State DOTs set targets on 2- and 4-year periods.

MPOs can either (1) support statewide 4-year targets or (2) develop their own regional 4-year targets.

Previously, the MPO adopted the Iowa DOT statewide performance targets.

There are no penalties for MPOs for not meeting or making significant progress towards targets.

	Topic	Performance measure(s)	Baseline (CY 2021 data)	Proposed 2-year target (CY 2023 data)	Proposed 4-year target (CY 2025 data)
PM3	System Performance	Percent of person-miles traveled on the Interstate that are reliable	99.9%	98.0%	98.0%
		Percent of person-miles traveled on the non-Interstate NHS that are reliable	96.5%	94.0%	94.0%
	Freight	Truck Travel Time Reliability Index (Interstate only)	1.13	1.25	1.25

Iowa DOT 2022-2025 System and Freight Targets (PM3)

Figure 1: Interstate and non-Interstate NHS travel time reliability – historical condition, prior targets, and proposed targets

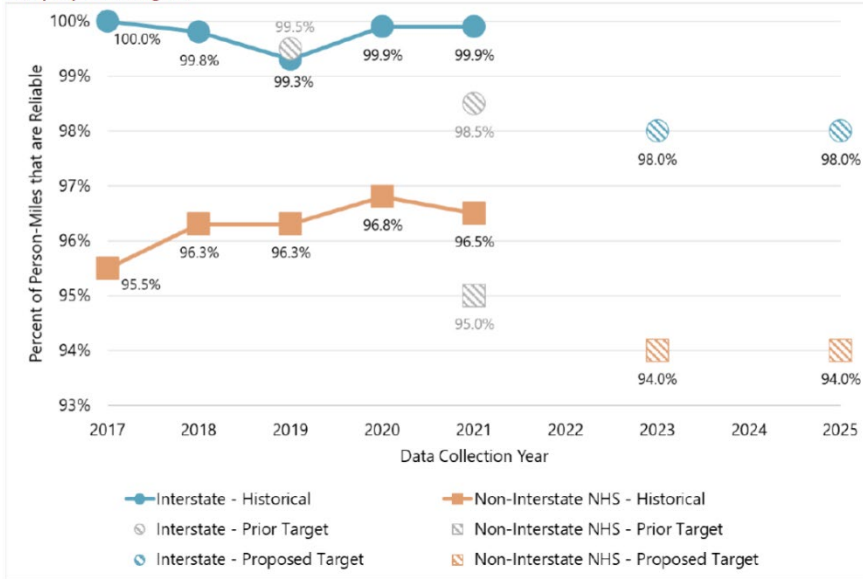


Figure 2: Interstate truck travel time reliability index – historical condition, prior targets, and proposed targets



GREENHOUSE GAS INVENTORY UPDATE

Greenhouse Gas Inventory Update

- Draft available on MPO website
- Data presented at regional and MPO member community scale
- Not prescriptive, information only
- Next steps: exploring further granular analyses; funding opportunities
- Staff contact: Allison van Pelt



UPCOMING EVENTS

Upcoming Events



- List of events and conferences in agenda packet
- Greater Des Moines Council of WMAs Quarterly Meeting
 - 2022 Annual Review
 - February 13 @ 2pm via Zoom

OTHER ITEMS OF INTEREST

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