

To: Transportation Technical Committee
From: Karissa Pavek
Date: February 14, 2025
Re: Performance Measure 2 (PM 2) – 2025 Minnesota

Overview

On November 14, 2021, President Biden signed the Infrastructure Investment and Jobs Act (IIJA) into law. This continued the performance management requirements that aimed to increase investments of Federal transportation funds that focus on national transportation goals. These revisions include the establishment of quantifiable targets for each performance measure identified in §490 Subpart C to assess National Highway System (NHS) pavement condition and §490 Subpart D to assess the NHS bridge conditions.

As part of the target establishment, Metro COG is required by the Federal Highway Administration (FHWA) to:

1. Report established targets for the respective State DOT (resolutions) and/or,
2. Report the baseline condition/performance and progress toward the achievement of the targets in the system performance report in the long-range transportation plan (LRTP) also known as the Metropolitan Transportation Plan (MTP) – Metro 2050: Transportation Moving Ahead.

§490 Subpart C – Pavement Condition Data

Every four years, each State DOT is required by FHWA to establish the pavement condition performance measure targets listed below.

- Interstate Pavements in **GOOD** Condition
- Interstate Pavements in **POOR** Condition
- Non-Interstate NHS Pavements in **GOOD** Condition
- Non-Interstate NHS Pavements in **POOR** Condition

Each segment of roadway is assessed on a variety of factors that together are calculated to a standard Pavement Condition Index (PCI). The PCI scores



include Excellent (100 – 86), Good (85 – 71), Fair (70 – 56) and Poor (55 – 0). With this data the percentage of Interstate pavement and non-interstate pavement in GOOD and POOR condition can be determined.

§490 Subpart D – Bridge Condition Data

Additionally, every four years each State DOT is required by FHWA to establish bridge condition performance measure targets.

- o NHS Bridges in **GOOD** Condition
- o NHS Bridges in **POOR** Condition

Each bridge in the NHS system is assessed annually and the score is entered into the National Bridge Inventory (NBI). The score is based on the inspection ratings of the bridge deck, superstructure and substructure. The lowest scoring rating is the condition granted to the bridge. The bridge scores include Good (9 – 7), Fair (6 – 5) and Poor (4 – 0).

Targets

MnDOT set the four-year targets for the Performance Period 2022 – 2025 in October of 2021. These targets are listed below and Metro COG supported state targets in February of 2022.

Mid Performance Period Reporting for Performance Period 2022-2025

| MN PM 2 Pavement and Bridge Condition | Two-Year 2023 Target | Four-Year 2025 Target |
|---|----------------------|-----------------------|
| Percent Interstate Pavements in GOOD condition | 60% | 60% |
| Percent Interstate Pavements in POOR condition | 2% | 2% |
| Non-Interstate NHS Pavements in GOOD condition | 55% | 55% / 40% |
| Non-Interstate NHS Pavements in POOR condition | 2% | 2% |
| Percent of NHS Bridges in GOOD condition | 30% | 35% / 20% |
| Percent of NHS Bridges in POOR condition | 5% | 5% |

Data

§490 Subpart C – Pavement Condition Data

| MnDOT PM 2 Target Assessment | State Actual Performance | MPO Actual Performance |
|---|--------------------------|------------------------|
| | 2023 | 2023 |
| Interstate % Pavement – GOOD | 81.0% | 65.3% |
| Interstate % Pavement – POOR | 2.0% | 0.0% |
| Non-Interstate % Pavement – GOOD | 60.6% | 49.12% |
| Non-Interstate % Pavement – POOR | 7.50% | 1.4% |

§490 Subpart D – Bridge Condition Data

| MnDOT PM 2 Target Assessment | State Actual Performance | MPO Actual Performance |
|---------------------------------------|--------------------------|------------------------|
| | 2025 | 2023 |
| % NHS Bridges – GOOD Condition | 22.5% | 17.39% |
| % NHS Bridges – POOR Condition | 8.1% | 13.04% |

Summary

The MN portion of our MPA is meeting and exceeding most targets related to pavement conditions. Metro COG funds some of the Non-interstate NHS roadways and can plan and maintain those roadways through multiple documents that staff publish (example: MTP/LRTP, TIP and UPWP). The interstate roadways are planned and maintained by the respective State DOT. Regarding bridge conditions, Metro COG does not fund the maintenance of the bridges on the NHS. Since MN did not adjust their targets, no action is needed. New Targets will be set during the next Performance Period.

The TTC reviewed this item on February 13, 2025, and recommended approval.

Requested Action: Recommend Policy Board support of MnDOT's 2025 Pavement and Bridge Condition Performance Measure Targets by signing the enclosed MnDOT resolution.

**RESOLUTION 2025-R013
OF THE FARGO-MOORHEAD
METROPOLITAN COUNCIL OF GOVERNMENTS**

Adopting NHS Pavement and Bridge Condition Performance Targets – MN

WHEREAS, the U.S. Department of Transportation established performance measures for pavement and bridge condition on the National Highway System as detailed in 23 CFR 490, Subpart C, National Performance Measures for Assessing Pavement Condition, and 23 CFR 490, Subpart D, National Performance Measures for Assessing Bridge Condition;

WHEREAS, the Minnesota Department of Transportation (MnDOT) established performance targets for each of the four NHS pavement condition performance measures in accordance with 23 CFR 490.307(0); and

WHEREAS, MnDOT established performance targets for each of the two NHS bridge condition performance measures in accordance with 23 CFR 490.407(c); and

WHEREAS, metropolitan planning organizations (MPOs) must establish performance targets for each of the NHS pavement and bridge condition performance measures; and

WHEREAS, MPOs establish NHS pavement and bridge condition targets by either agreeing to plan and program projects so that they contribute to the accomplishment of the State DOT NHS pavement or bridge condition target or commit to a quantifiable target for the metropolitan planning area;

NOW, THEREFORE, BE IT RESOLVED, that the Fargo-Moorhead Metropolitan Council of Governments reaffirms its support of MnDOT PM2 targets and agrees to plan and program projects so that the projects contribute to the accomplishment of MnDOT's NHS pavement and bridge condition targets for the calendar years of 2022-2026:

Percentage of NHS Bridges in Good Condition: 60%;
Percentage of NHS Bridges in Poor Condition; 2%;
Percentage of Interstate Pavement in Good Condition: 40%;
Percentage of Interstate Pavement in Poor Condition: 2%;
Percentage of Non-Interstate Pavement in Good Condition: 20%;
Percentage of Non-Interstate Pavement in Poor Condition; 5%.

Approved this 20th day of February, 2025.



Jenny Mongeau
Metro COG Policy Board Chair



Ben Griffith
Metro COG Policy Board Secretary

To: Transportation Technical Committee
From: Karissa Pavek
Date: February 14, 2025
Re: Performance Measure 2 (PM 2) – 2025 North Dakota

Overview

On November 14, 2021, President Biden signed the Infrastructure Investment and Jobs Act (IIJA) into law. This continued the performance management requirements that aimed to increase investments of Federal transportation funds that focus on national transportation goals. These revisions include the establishment of quantifiable targets for each performance measure identified in §490 Subpart C to assess National Highway System (NHS) pavement condition and §490 Subpart D to assess the NHS bridge conditions.

As part of the target establishment, Metro COG is required by the Federal Highway Administration (FHWA) to:

1. Report established targets for the respective State DOT (resolutions) and/or,
2. Report the baseline condition/performance and progress toward the achievement of the targets in the system performance report in the long-range transportation plan (LRTP) also known as the Metropolitan Transportation Plan (MTP) – Metro 2050: Transportation Moving Ahead.

§490 Subpart C – Pavement Condition Data

Every four years, each State DOT is required by FHWA to establish the pavement condition performance measure targets listed below.

- Interstate Pavements in **GOOD** Condition
- Interstate Pavements in **POOR** Condition
- Non-Interstate NHS Pavements in **GOOD** Condition
- Non-Interstate NHS Pavements in **POOR** Condition

Each segment of roadway is assessed on a variety of factors that together are calculated to a standard Pavement Condition Index (PCI). The PCI scores include Excellent (100 – 86), Good (85 – 71), Fair (70 – 56) and Poor (55 – 0). With this data the percentage of Interstate pavement and non-interstate pavement in GOOD and POOR condition can be determined.

§490 Subpart D – Bridge Condition Data

Additionally, every four years each State DOT is required by FHWA to establish bridge condition performance measure targets.

- o NHS Bridges in **GOOD** Condition
- o NHS Bridges in **POOR** Condition

Each bridge in the NHS system is assessed annually and the score is entered into the National Bridge Inventory (NBI). The score is based on the inspection ratings of the bridge deck, superstructure and substructure. The lowest scoring rating is the condition granted to the bridge. The bridge scores include Good (9 – 7), Fair (6 – 5) and Poor (4 – 0).

Targets

NDDOT set the four-year targets for the Performance Period 2022 – 2025 in October of 2021. These targets are listed below and Metro COG supported state targets in February of 2022.

Mid Period Performance Reporting for Performance Period 2022-2025

| NDDOT PM 2 Pavement and Bridge Condition | Two-Year 2023 Target | Four-Year 2025 Target |
|---|-------------------------|--------------------------|
| Percent Interstate Pavements in GOOD condition | 75.6% | 75.6% |
| Percent Interstate Pavements in POOR condition | 3% | 3% |
| Non-Interstate NHS Pavements in GOOD condition | 58.3% | 58.3% |
| Non-Interstate NHS Pavements in POOR condition | 3% | 3% |
| Percent of NHS Bridges in GOOD condition | 50% | 50% |
| Percent of NHS Bridges in POOR condition | 10% | 10% |

Data

§490 Subpart C – Pavement Condition Data

| NDDOT PM 2 Target Assessment | State Actual Performance | MPO Actual Performance |
|---|--------------------------|------------------------|
| | 2023 | 2023 |
| Interstate % Pavement – GOOD | 72.4% | 76.54% |
| Interstate % Pavement – POOR | 0.1% | 0% |
| Non-Interstate % Pavement – GOOD | 59.9% | 29.60% |
| Non-Interstate % Pavement – POOR | 0.1% | 0.0% |

§490 Subpart D – Bridge Condition Data

| NDDOT PM 2 Target Assessment | State Actual Performance | MPO Actual Performance |
|---------------------------------------|--------------------------|------------------------|
| | 2023 | 2023 |
| % NHS Bridges – GOOD Condition | 49.07% | 55% |
| % NHS Bridges – POOR Condition | 1.9% | 0% |

Summary

The ND portion of our MPA is meeting and exceeding most targets related to pavement conditions. Metro COG funds some of the Non-interstate NHS roadways and can plan and maintain those roadways through multiple documents that staff publish (example: MTP/LRTP, TIP and UPWP). The interstate roadways are planned and maintained by the respective State DOT. Regarding bridge conditions, Metro COG does not fund the maintenance of the bridges on the NHS. Since MN did not adjust their targets, no action is needed. New Targets will be set during the next Performance Period.

The TTC reviewed this item on February 13, 2025, and recommended approval.

Requested Action: Recommend Policy Board reaffirm support of NDDOT's 2025 Pavement and Bridge Condition Performance Measure Targets by signing the enclosed NDDOT resolution.

**RESOLUTION 2025-R012
OF THE FARGO-MOORHEAD
METROPOLITAN COUNCIL OF GOVERNMENTS**

Reaffirming NHS Pavement and Bridge Condition Performance Targets – ND

WHEREAS, the U.S. Department of Transportation established performance measures for pavement and bridge condition on the National Highway System as detailed in 23 CFR 490, Subpart C, National Performance Measures for Assessing Pavement Condition, and 23 CFR 490, Subpart D, National Performance Measures for Assessing Bridge Condition;

WHEREAS, the North Dakota Department of Transportation (NDDOT) established performance targets for each of the four NHS pavement condition performance measures in accordance with 23 CFR 490.307(0); and

WHEREAS, NDDOT established performance targets for each of the two NHS bridge condition performance measures in accordance with 23 CFR 490.407(c); and

WHEREAS, metropolitan planning organizations (MPOs) must establish performance targets for each of the NHS pavement and bridge condition performance measures; and

WHEREAS, MPOs establish NHS pavement and bridge condition targets by either agreeing to plan and program projects so that they contribute to the accomplishment of the State DOT NHS pavement or bridge condition target or commit to a quantifiable target for the metropolitan planning area;

NOW, THEREFORE, BE IT RESOLVED, that the Fargo-Moorhead Metropolitan Council of Governments reaffirms its support of NDDOT PM2 targets and agrees to plan and program projects so that the projects contribute to the accomplishment of NDDOT's NHS pavement and bridge condition targets for the calendar years of 2022-2026:

Percentage of NHS Bridges in Good Condition: 75.6%;
Percentage of NHS Bridges in Poor Condition; 3%;
Percentage of Interstate Pavement in Good Condition: 58.3%;
Percentage of Interstate Pavement in Poor Condition: 3%;
Percentage of Non-Interstate Pavement in Good Condition: 50%;
Percentage of Non-Interstate Pavement in Poor Condition; 10%.

Approved this 20th day of February, 2025.



Jenny Mongeau
Metro COG Policy Board Chair



Ben Griffith
Metro COG Policy Board Secretary