
GIAMPO – Policy Board

Tuesday, November 27, 2018

Regular Session

Item E3

Approval of Revising MPO Targets for NHS Bridge Condition Performance Measures

Staff Contact: Allan Zafft, MPO Program Manager

ISSUE

VOTE: MPO Targets for Revised NHS Bridge Condition Performance Measures

BACKGROUND

The current and previous federal transportation bills, FAST Act and MAP-21, respectively, included a series of requirements for Transportation Performance Management (TPM). Since the passage of MAP-21, USDOT has worked through the federal rulemaking process to establish a series of performance measures and corresponding target setting requirements. Generally, the performance measures relate to national goals of safety, infrastructure condition, air quality, and transportation system performance.

Final USDOT rules related to TPM established performance measures to assess the condition of pavements and bridges on the National Highway System (NHS). There are four performance measures for pavement condition and two performance measures for bridge condition. State DOTs were required to establish performance targets for these measures by May 20, 2018. MPOs have the option of supporting the statewide targets, or establishing their own regional targets within 180 days of the establishment of state targets. Therefore, all Nebraska MPOs must adopt targets for NHS Pavement and Bridge Condition performance measures by November 17, 2018. After two years there will be a mid-point review, at which point the targets could be adjusted for NDOT and MPOs based on collected data. State DOTs will establish targets every four years.

On August 28 2018, the Policy Board approved to support the State targets for NHS Pavement and Bridge Condition Performance Measures. Attached is the resolution for this approval.

In September 2018, NDOT notified the Nebraska MPOs that it changed the performance measures and targets for NHS Bridge Condition. Below are the changes.

- Change “At least 95% of bridges on the State system and NHS in Good or Fair condition” to “At least 55% of NHS bridges by deck area classified as in Good condition.”
- Change “No more than 10% of the total deck area of bridges in the state on the NHS is located on bridges that have been classified as structurally deficient” to “No more than 10% of NHS bridges by deck area classified as in Poor condition.”

GIAMPO staff recommends the support of the revised NDOT Bridge Condition performance measures and targets for the following reasons:

- The State is the owner of the NHS bridges in the GIAMPO region.

- Statewide, 59.8% of NHS bridges by area are classified as Good condition (2/21/2018 data).
- Statewide, 1.8% of NHS bridges by area are classified as Poor condition (2/21/2018 data).

POLICY CONSIDERATIONS/DISCUSSION

With supporting the revised statewide performance measures and targets, GIAMPO is agreeing to plan and program projects in a manner that contributes towards the accomplishment of the NDOT NHS Bridge Condition performance targets. These targets will ultimately be integrated into the GIAMPO Long Range Transportation Plan and Transportation Improvement Program.

BUDGET CONSIDERATIONS

None.

COMMITTEE ACTION

The TAC approved the recommendation to support the revised NDOT Bridge Condition performance measures and targets as the MPO NHS Bridge Condition performance measures and targets for the GIAMPO metropolitan planning area on October 15, 2018.

RECOMMENDATION

Approve to support the revised NDOT Bridge Condition performance measures and targets as the MPO NHS Bridge Condition performance measures and targets for the GIAMPO metropolitan planning area.

STAFF CONTACT

Allan Zafft

GIAMPO RESOLUTION NO. 2018-7

Grand Island Area Metropolitan Planning Organization

A Resolution Approving the MPO Targets for NHS Pavement and Bridge Condition Performance Measures

WHEREAS, the Grand Island Area Metropolitan Planning Organization (GIAMPO), is designated as the Metropolitan Planning Organization (MPO) for the Grand Island Urbanized Area, by the Governor acting through the Nebraska Department of Transportation in cooperation with locally elected officials of the Grand Island Urbanized Area; and

WHEREAS, the Moving Ahead for Progress in the 21st Century Act (MAP-21) required the U.S. Secretary of Transportation to develop rules to establish a system to monitor and manage public transportation assets, to improve safety and increase reliability and performance, and to establish performance measures, and the Fixing America's Surface Transportation (FAST) Act reaffirmed this requirement; and

WHEREAS, the Pavement and Bridge Condition Final 23 CFR Part 490 became effective May 20, 2017 and establishes targets for the following six performance measures:

Performance Measures	
Pavement	
	<ul style="list-style-type: none">• Percentage of Pavements of the Interstate System in Good Condition• Percentage of Pavements of the Interstate System in Poor Condition• Percentage of Pavements of the Non-Interstate NHS in Good Condition• Percentage of Pavements of the Non-Interstate NHS in Poor Condition
Bridge	
	<ul style="list-style-type: none">• Percentage of NHS Bridges Classified as in Good Condition• Percentage of NHS Bridges Classified as in Poor Condition

WHEREAS, the Nebraska Department of Transportation is to adopt the pavement and bridge condition performance measures by May 20, 2018; and

WHEREAS, the MPO Policy Board may establish pavement and bridge condition targets by agreeing to plan and program projects that contribute toward the accomplishment of the State's targets, or establish its own targets within 180 days of the State establishing and reporting its pavement and bridge condition targets; and

WHEREAS, the GIAMPO will adopt to support the 4-year performance period (CY

2018-2021) targets for the Nebraska Department of Transportation; and

WHEREAS, the MPO targets for pavement and bridge condition performance measures has been reviewed and recommended for adoption by the MPO Technical Advisory Committee (TAC), and now require official approval from the MPO Policy Board; and

NOW, THEREFORE BE IT RESOLVED, that the Policy Board of the Grand Island Area Metropolitan Planning Organization has agreed to support the Nebraska Department of Transportation 4-year performance period (CY 2018-2021) targets for pavement and bridge condition performance measures as identified in Exhibit A.

BE IT FURTHER RESOLVED, that the Chairperson is hereby authorized and directed to execute such agreement on behalf of the Grand Island Area Metropolitan Planning Organization.

Certification:

The foregoing resolution was approved by the Grand Island Area Metropolitan Planning Organization Policy Board at its regularly scheduled meeting on August 28, 2018.

By:



Jeremy Jensen, Mayor / Chairperson

Attest:



John Collins, Public Works Director

Exhibit A

Nebraska 4-Year Performance Period (CY 2018-2021) Targets for Pavement and Bridge Condition Performance Measures

The Nebraska Department of Transportation established the below targets for the National Highway System (NHS) Pavement and Bridge Condition performance measures.

- At least 50% of pavements of the Interstate System in Good condition.
- No more than 5% of pavements of the Interstate System in Poor condition.
- At least 40% of the Non-Interstate NHS in Good condition.
- No more than 10% of the Non-Interstate NHS in Poor condition.
- No more than 10% of the total deck area of bridges in the state on the NHS is located on bridges that have been classified as structurally deficient.
- At least 95% of bridges on the State system and NHS in Good or Fair condition.

GIAMPO RESOLUTION NO. 2018-10

Grand Island Area Metropolitan Planning Organization

A Resolution Approving the MPO Targets for Revised NHS Bridge Condition Performance Measures

WHEREAS, the Grand Island Area Metropolitan Planning Organization (GIAMPO), is designated as the Metropolitan Planning Organization (MPO) for the Grand Island Urbanized Area, by the Governor acting through the Nebraska Department of Transportation in cooperation with locally elected officials of the Grand Island Urbanized Area; and

WHEREAS, the Moving Ahead for Progress in the 21st Century Act (MAP-21) required the U.S. Secretary of Transportation to develop rules to establish a system to monitor and manage public transportation assets, to improve safety and increase reliability and performance, and to establish performance measures, and the Fixing America's Surface Transportation (FAST) Act reaffirmed this requirement; and

WHEREAS, the Pavement and Bridge Condition Final 23 CFR Part 490 became effective May 20, 2017 and establishes targets for six performance measures (see below table); and

Performance Measures	
Pavement	
•	Percentage of Pavements of the Interstate System in Good Condition
•	Percentage of Pavements of the Interstate System in Poor Condition
•	Percentage of Pavements of the Non-Interstate NHS in Good Condition
•	Percentage of Pavements of the Non-Interstate NHS in Poor Condition
Bridge	
•	Percentage of NHS Bridges Classified as in Good Condition
•	Percentage of NHS Bridges Classified as in Poor Condition

WHEREAS, the Nebraska Department of Transportation is to adopt the pavement and bridge condition performance measures by May 20, 2018; and

WHEREAS, the MPO Policy Board may establish pavement and bridge condition targets by agreeing to plan and program projects that contribute toward the accomplishment of the State's targets, or establish its own targets within 180 days of the State establishing and reporting its pavement and bridge condition targets; and

WHEREAS, by Resolution 2018-7, adopted on August 28, 2018, the MPO Policy Board

agreed to support the Nebraska Department of Transportation 4-year performance period (CY 2018-2021) targets for pavement and bridge condition performance measures as identified in Exhibit A; and

WHEREAS, the Nebraska Department of Transportation notified the Nebraska MPOs in September 2018 that it changed the performance measures and targets for NHS Bridge Condition; and

WHEREAS, GIAMPO will adopt to support the revised Nebraska Department of Transportation NHS Bridge Condition performance measures and targets for the 4-year performance period (CY 2018-2021) as identified in Exhibit A; and

WHEREAS, the revised Nebraska Department of Transportation NHS Bridge Condition performance measures and targets as the MPO NHS Bridge Condition performance measures and targets were reviewed and recommended for adoption by the MPO Technical Advisory Committee (TAC), and now require official approval from the MPO Policy Board; and

NOW, THEREFORE BE IT RESOLVED, that the Policy Board of the Grand Island Area Metropolitan Planning Organization has agreed to support the revised Nebraska Department of Transportation NHS Bridge Condition performance measures and targets for the 4-year performance period (CY 2018-2021).

BE IT FURTHER RESOLVED, that the Chairperson is hereby authorized and directed to execute such agreement on behalf of the Grand Island Area Metropolitan Planning Organization.

Certification:

The foregoing resolution was approved by the Grand Island Area Metropolitan Planning Organization Policy Board at its regularly scheduled meeting on November 27, 2018.

By:

Attest:

Jeremy Jensen, Mayor / Chairperson

John Collins, Public Works Director

Exhibit A

Original (Resolution 2018-7)

Nebraska 4-Year Performance Period (CY 2018-2021) Targets for Pavement and Bridge Condition Performance Measures

The Nebraska Department of Transportation established the below targets for the National Highway System (NHS) Pavement and Bridge Condition performance measures.

- At least 50% of pavements of the Interstate System in Good condition.
- No more than 5% of pavements of the Interstate System in Poor condition.
- At least 40% of the Non-Interstate NHS in Good condition.
- No more than 10% of the Non-Interstate NHS in Poor condition.
- No more than 10% of the total deck area of bridges in the state on the NHS is located on bridges that have been classified as structurally deficient.
- At least 95% of bridges on the State system and NHS in Good or Fair condition.

Revised (Resolution 2018-10)

Nebraska 4-Year Performance Period (CY 2018-2021) Targets for Bridge Condition Performance Measures

The Nebraska Department of Transportation established the below targets for the National Highway System (NHS) Bridge Condition performance measures.

- No more than 10% of NHS bridges by deck area classified as in Poor condition.
- At least 55% of NHS bridges by deck area classified as in Good condition.