



Gina Fiandaca, MassDOT Secretary and CEO and MPO Chair
 Tegin L. Teich, Executive Director, MPO Staff

National Highway System Bridge and Pavement Performance Measures and Targets (Second Federal Performance Period)

The tables in this document describes Massachusetts statewide targets for federally required performance measures pertaining to (1) pavement condition on the Interstate Highway System, (2) pavement condition on the non-Interstate National Highway System (NHS), and (3) bridge condition on the NHS. For each set of performance measures, the Federal Highway Administration has specified thresholds that classify bridges or pavements as being in good or poor condition. Boston Region Metropolitan Planning Organization (MPO) staff request that the MPO vote to adopt the Commonwealth’s targets for the six NHS infrastructure condition performance measures at the February 16, 2023, meeting. By adopting the Commonwealth’s targets for these measures, the MPO agrees to plan and program projects that help the Commonwealth achieve these targets.

**Table 1
 Massachusetts Interstate Highway System Pavement Condition Performance Targets**

Federally Required Liability Performance Measure	Measure Value (Baseline)	Two-Year Target (CY 2023)^a	Four-Year Target (CY 2025)^a
Percent of Interstate Highway System pavements that are in <i>good</i> condition ^b	72%	70%	70%
Percent of Interstate Highway System pavements that are in <i>poor</i> condition ^b	0%	2%	2%

Note: There are approximately 3,206 lane miles on the Interstate Highway System in Massachusetts. The Massachusetts Department of Transportation has jurisdiction over the Interstate Highway System.

^a The two-year target reflects conditions as of the end of CY 2023, and the four-year target reflects conditions as of the end of CY 2025. Metropolitan planning organizations must establish four-year targets for federally required Interstate Highway System pavement condition performance measures, either by adopting the state’s targets or establishing separate quantifiable targets.

^b These performance measures classify Interstate Highway System pavements as in good, fair, or poor condition based on the pavements’ International Roughness Index value and one or more pavement distress metrics (cracking and/or rutting and faulting) depending on the pavement type (asphalt, jointed concrete, or continuous concrete). The Federal Highway Administration sets thresholds for each metric that determine whether the metric value is good, fair, or poor, along with thresholds that determine whether the pavement segment as a whole is considered to be in good, fair, or poor condition.

CY = calendar year.

Source: Massachusetts Department of Transportation.

Civil Rights, nondiscrimination, and accessibility information is on the last page.

**Table 2
Massachusetts Non-Interstate National Highway System Pavement
Condition Performance Targets**

Federally Required Liability Performance Measure	Measure Value (Baseline)	Two-Year Target (CY 2023)^a	Four-Year Target (CY 2025)^a
Percent of non-Interstate NHS pavements that are in <i>good</i> condition ^b	33.9%	30%	30%
Percent of non-Interstate NHS pavements that are in <i>poor</i> condition ^b	2.9%	5%	5%

Note: There are approximately 7,208 lane miles of non-Interstate NHS highways in Massachusetts. The Massachusetts Department of Transportation has jurisdiction over approximately 62 percent of non-Interstate NHS lane mileage, and municipalities have jurisdiction over 38 percent. The remainder is under the jurisdiction of the Massachusetts Department of Conservation and Recreation, the Massachusetts Port Authority, and other entities.

^a The two-year target reflects conditions as of the end of CY 2023, and the four-year target reflects conditions as of the end of CY 2025. Metropolitan planning organizations must establish four-year targets for federally required non-Interstate NHS pavement condition performance measures, either by adopting the state’s targets or establishing separate quantifiable targets.

^b These performance measures classify non-Interstate NHS pavements as in good, fair, or poor condition based on the pavements’ International Roughness Index value and one or more pavement distress metrics (cracking and/or rutting and faulting) depending on the pavement type (asphalt, jointed concrete, or continuous concrete). The Federal Highway Administration sets thresholds for each metric that determine whether the metric value is good, fair, or poor, along with thresholds that determine whether the pavement segment as a whole is considered to be in good, fair, or poor condition.

CY = calendar year. NHS = National Highway System.

Source: Massachusetts Department of Transportation.

**Table 3
Massachusetts National Highway System
Bridge Condition Performance Targets**

Federally Required Liability Performance Measure	Measure Value (Baseline)	Two-Year Target (CY 2023)^a	Four-Year Target (CY 2025)^a
Percent of NHS Bridges [by deck area] that are in <i>good</i> condition	16%	16%	16%
Percent of NHS Bridges [by deck area] that are in <i>poor</i> condition	12%	12%	12%

Note: There are 2,246 NHS bridges in Massachusetts (cumulative deck area of 29,457,351 square feet). The Massachusetts Department of Transportation owns 2,173 of these bridges (cumulative deck area of 28,560,106 square feet, or approximately 97 percent of Massachusetts NHS bridge deck area).

^a The two-year target reflects conditions as of the end of CY 2023, and the four-year target reflects conditions as of the end of CY 2025. Metropolitan planning organizations must establish four-year targets for federally required NHS bridge condition performance measures, either by adopting the state’s targets or establishing separate quantifiable targets.

CY = Calendar Year. NHS = National Highway System.

Source: Massachusetts Department of Transportation.

The Boston Region Metropolitan Planning Organization (MPO) operates its programs, services, and activities in compliance with federal nondiscrimination laws including Title VI of the Civil Rights Act of 1964 (Title VI), the Civil Rights Restoration Act of 1987, and related statutes and regulations. Title VI prohibits discrimination in federally assisted programs and requires that no person in the United States of America shall, on the grounds of race, color, or national origin (including limited English proficiency), be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination under any program or activity that receives federal assistance. Related federal nondiscrimination laws administered by the Federal Highway Administration, Federal Transit Administration, or both, prohibit discrimination on the basis of age, sex, and disability. The Boston Region MPO considers these protected populations in its Title VI Programs, consistent with federal interpretation and administration. In addition, the Boston Region MPO provides meaningful access to its programs, services, and activities to individuals with limited English proficiency, in compliance with U.S. Department of Transportation policy and guidance on federal Executive Order 13166.

The Boston Region MPO also complies with the Massachusetts Public Accommodation Law, M.G.L. c 272 sections 92a, 98, 98a, which prohibits making any distinction, discrimination, or restriction in admission to, or treatment in a place of public accommodation based on race, color, religious creed, national origin, sex, sexual orientation, disability, or ancestry. Likewise, the Boston Region MPO complies with the Governor's Executive Order 526, section 4, which requires that all programs, activities, and services provided, performed, licensed, chartered, funded, regulated, or contracted for by the state shall be conducted without unlawful discrimination based on race, color, age, gender, ethnicity, sexual orientation, gender identity or expression, religion, creed, ancestry, national origin, disability, veteran's status (including Vietnam-era veterans), or background.

A complaint form and additional information can be obtained by contacting the MPO or at http://www.bostonmpo.org/mpo_non_discrimination.

To request this information in a different language or in an accessible format, please contact

Title VI Specialist
Boston Region MPO
10 Park Plaza, Suite 2150
Boston, MA 02116
civilrights@ctps.org

By Telephone:

857.702.3700 (voice)

For people with hearing or speaking difficulties, connect through the state MassRelay service:

- **Relay Using TTY or Hearing Carry-over:** 800.439.2370
- **Relay Using Voice Carry-over:** 866.887.6619
- **Relay Using Text to Speech:** 866.645.9870

For more information, including numbers for Spanish speakers, visit <https://www.mass.gov/massrelay>.