

# PM2: Bridge and Pavement



## MAP-21 Performance Management

June 2018

### OVERVIEW

The second of the performance measures rules issued by Federal Highway Administration (FHWA) became effective on May 20, 2017, establishing measures to assess the condition of the pavements and bridges on the National Highway System (NHS). This fact sheet summarizes the requirements of this rule and the targets Florida Department of Transportation (FDOT) selected to meet them.\*

### PAVEMENT PERFORMANCE MEASURES

- » Percentage of pavements on the Interstate System in **GOOD** condition.
- » Percentage of pavements on the Interstate System in **POOR** condition.
- » Percentage of pavements on the non-Interstate NHS in **GOOD** condition.
- » Percentage of pavements on the non-Interstate NHS in **POOR** condition.

### BRIDGE PERFORMANCE MEASURES

- » Percentage of NHS bridges by deck area classified as in **GOOD** condition.
- » Percentage of NHS bridges by deck area classified as in **POOR** condition.

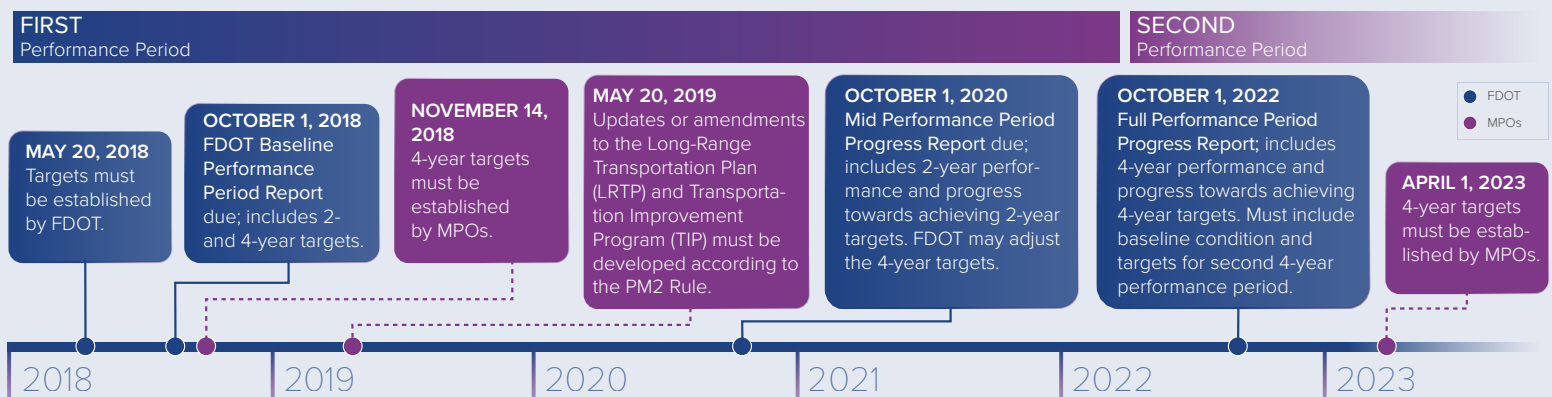
#### GOOD CONDITION

Suggests no major investment is needed.

#### POOR CONDITION

Suggests major investment is needed.

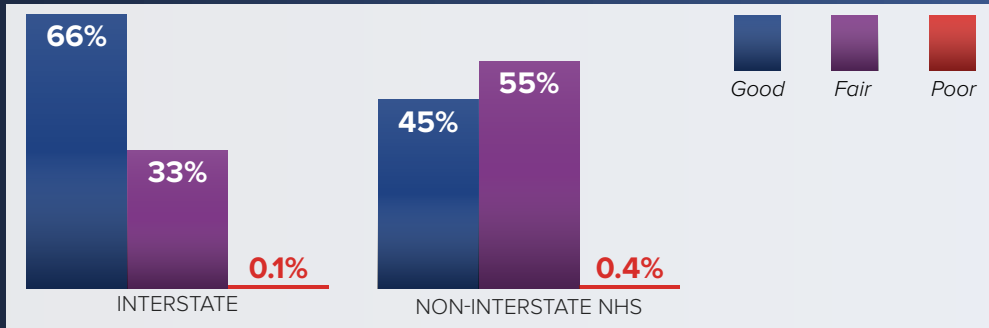
### TIMELINE



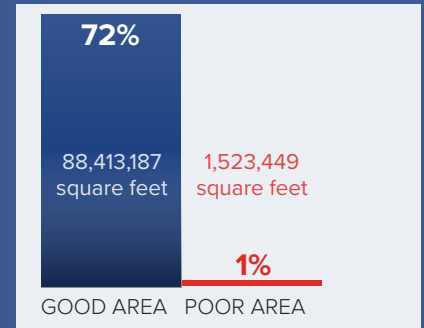
\* Please refer to the fact sheet addressing *MPO Requirements* for information about MPO targets and planning processes.

# EXISTING STATEWIDE CONDITIONS

## Pavement (Flexible and Rigid Combined)



## NHS Bridge Deck Area



Source: FDOT State Materials Office and Maintenance Office.

## STATEWIDE TARGETS

FDOT established 2- and 4-year targets on May 18, 2018 for the full extent of the NHS in Florida. Two-year targets reflect the anticipated performance level at the mid point of each performance period, while 4-year targets reflect it for the end of the performance period. FDOT is also responsible for developing an Asset Management Plan, intended to manage NHS pavement and bridge assets.

Performance Measure	2-Year Target	4-Year Target
<i>Pavement</i>		
% of Interstate pavements in <b>GOOD</b> condition	Not Required	≥ 60%
% of Interstate pavements in <b>POOR</b> condition	Not Required	≤ 5%
% of non-Interstate NHS pavements in <b>GOOD</b> condition	≥ 40%	≥ 40%
% of non-Interstate NHS pavements in <b>POOR</b> condition	≤ 5%	≤ 5%
<i>Bridge</i>		
% of NHS bridges by deck area classified as in <b>GOOD</b> condition	≥ 50%	≥ 50%
% of NHS bridges by deck area classified as in <b>POOR</b> condition	≤ 10%	≤ 10%

## MPO TARGETS

If a Metropolitan Planning Organization (MPO) decides to establish its own target, it has 180 days after FDOT sets its 4-year statewide targets. This means that MPOs would need to report their bridge and pavement targets no later than November 14, 2018 for the first performance period. For the second performance period and onwards, MPO targets would be reported every 4 years starting on April 1, 2023.

## ASSESSMENT OF SIGNIFICANT PROGRESS

On August 16, 2020 and every two years thereafter, FHWA will determine that FDOT has made significant progress toward the achievement of each 2-year or 4-year applicable statewide target if either:

- » The actual condition/performance level is better than the baseline condition/performance; or
- » The actual condition/performance level is equal to or better than the established target.

If FDOT does not make significant progress, it must document the actions it will take to achieve the target. FHWA will not directly assess MPO progress toward meeting their targets. Rather, it will do so through the periodic transportation planning reviews, including the MPO certification reviews and reviews of adopted/amended LRTPs and TIPs.

## MINIMUM CONDITIONS

Every year, FHWA will assess if FDOT is meeting the state-wide minimum condition requirements. If it is not, FDOT must obligate funds to meet minimum requirements.

### FDOT IS ON TRACK TO MEET MINIMUM CONDITION REQUIREMENTS

- » **Pavement:** No more than 5 percent of the Interstate System in *Poor* condition for most recent year. ✓
- » **Bridge:** No more than 10 percent of total deck area of NHS bridges classified as Structurally Deficient (*Poor* condition) for three consecutive years. ✓

## FOR MORE INFORMATION PLEASE CONTACT

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