Discus 2-year and 4-year bridge Performance Targets for NHS Bridges.

Establish additional targets for urbanized and non-urbanized areas, if desired.


Collect IRI, Cracking, Rutting, and Faulting data for the full extent of the mainline highway, in the rightmost travel lane or one consistent lane, both directions of travel, annually. Data must be reported in section lengths of 0.1 mile.

Due October 1, 2016

Due October 1, 2018

Discus progress, achievements, planned activities, and circumstances that led to actual performance.

MPOs will report progress toward the achievement of 4-year targets to DOT in a manner that is agreed upon by both parties and documented in the Metropolitan Planning Agreement.


Collect IRI data for the full extent of the mainline highway, in the rightmost lane two. If not, data is recorded in the rightmost lane. WSDOT reports this data in section lengths of 0.1 mile.

WSDOT reports this data in section lengths of 0.1 mile.

Due October 1, 2016

Due October 1, 2018

Discus progress made toward the achievement of 2-year targets.

Discus 2-year condition to update baseline condition of NHS Bridges.


Due March 15

Due June 15

Discus how targets support longer term performance expectations in other performance related plans.

Set 2-year pavement condition Performance Targets for the non-Interstate NHS.

Due March 15

Due June 15

Due March 15

Due June 15

Due March 15

Due June 15

Due March 15

Due June 15

Due March 15

Due June 15

Discus the urbanized area boundaries within the State boundary based on decennial census data.
Targeted Performance Measures, Minimum Condition and Penalties for Bridge and Pavement Draft NPRMs (Released January 5, 2014)

DRAFT - Office of Strategic Assessment and Performance Analysis, WSDOT March 25, 2015

PAVEMENT

Targeted Performance Measures (see definitions below)

Interstate - Percentage of pavement in good condition

Interstate - Percentage of pavement in poor condition

Non-Interstate (NHS) - Percentage of pavement in good condition

Non-Interstate (NHS) - Percentage of pavement in poor condition

Minimum Condition - Interstate only

Interstate not to exceed 5% in poor condition (see metrics/definition below)

Minimum Condition Penalty - Interstate Only

1st penalty assessed by October 1, 2018 based on two years (2016, 2017) condition data, and assessed each fiscal year thereafter

- Compliancy: Penalty applied if out of compliance for the most recent two calendar years. First penalty assessment in 2018 (Federal FY2019), results delivered to DOT by FHWA before October 1.

- Penalty: Obligate certain NHPP funds for the purposes described in 23 USC 119 and increased by an amount each year after Fiscal Year 2013; Transfer certain apportioned Surface Transportation Program for the purposes described in 23 USC 119. Penalty stays in effect until the Interstate pavement condition exceeds the minimum condition level established by the NPRM. WSDOT currently meets the threshold with 3.8% in poor condition.

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Condition Metrics

- IRI (inches/mile): Good <95, Fair 95-170 (95-220*), Poor >170 (>220*)
- Cracking (%): Good <5, Fair 5-10, Poor >10
- Rutting (inches): Good <0.20, Fair 0.20-0.40, Poor >0.40
- Faulting (inches): Good <0.05, Fair 0.05-0.15, Poor >0.15

*Population >1M

Minimum Condition for Interstate pavement

Interstate not to exceed 5% in poor condition

Two consecutive years not compliant = penalty

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BRIDGE

Targeted Performance Measures

NHS Bridges - Percentage of Bridges in good condition

NHS Bridges - Percentage of Bridges in poor condition

Minimum Condition - NHS Bridges

NHS Bridges not to exceed 10% structurally deficient, by bridge deck area (see metrics/definition below)

(WSDOT currently meets the minimum condition; 9.1% structurally deficient.)

Minimum Condition Penalty - NHS Bridges

1st penalty assessed by October 1, 2016 based on three years (2013-2015) condition data, and assessed each fiscal year thereafter

- Compliancy: Penalty applied if out of compliance for the most recent three calendar years. First penalty assessment in 2016 (Federal FY2017), results delivered to DOT by FHWA before October 1.

- Penalty: Obligate a set aside amount equal to 50 percent of the funds apportioned to the State for fiscal year 2009 to carry out the Highway Bridge Program. Obligate a set-aside amount of certain NHPP funds during the fiscal year following the determination. Penalty stays in effect until the NHS bridge condition exceeds the minimum condition level established by the NPRM.

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Condition Metrics

- Deck: Good ≥7, Fair 5 or 6, Poor ≤4
- Superstructure: Good ≥7, Fair 5 or 6, Poor ≤4
- Substructure: Good ≥7, Fair 5 or 6, Poor ≤4
- Culvert: Good ≥7, Fair 5 or 6, Poor ≤4

Minimum Condition for NHS bridges

NHS Bridges not to exceed 10% structurally deficient, by bridge deck area

Three consecutive years not compliant = penalty