



PAVEMENTS

STATE OF GOOD REPAIR

A pavement section with an Overall Pavement Condition (OPC) rating of 50 or above is considered to be in a SOGR. The OPC ratings are determined by combining individual distress indices into a calculated value that defines the health of a pavement section.

TARGETS AND MEASURES

STATE:

75% of all pavements meet or exceed OPC of 60. No more than 15% of all pavements have OPC less than 50.

FEDERAL:

Interstate % Good – at least 50%
Interstate % Poor – no greater than 5%
Non-Interstate % Good – at least 50%
Non-Interstate % Poor – no greater than 5%
[Good, Fair, and Poor defined by 23 CFR 490.313(c)]

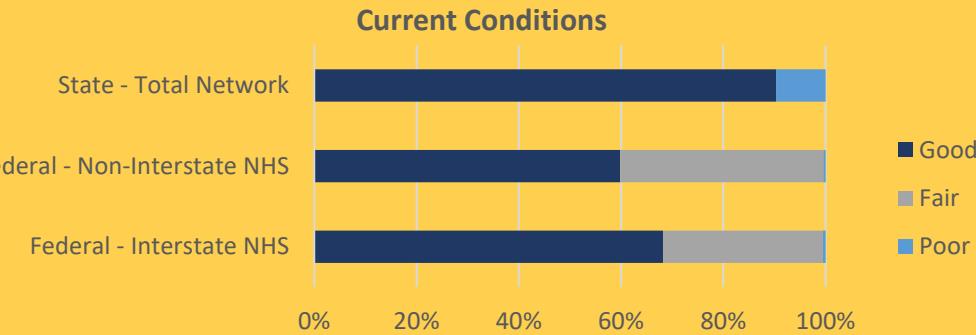
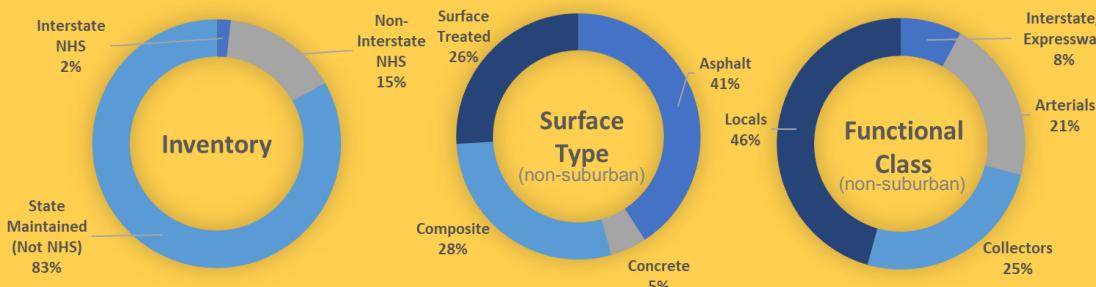
DelDOT is responsible for managing approximately 5,900 directional centerline miles of state-maintained roadway, 725 of which are on the NHS, and 1,500 of which are Suburban routes.

DelDOT is unique in that they are responsible for over 90% of the road network in the state. This SOGR Summary Sheet applies to the 4,400 miles of non-suburban roadways. See the State Maintained Suburban Pavements SOGR Summary Sheet for a more detailed look at that network.

INVENTORY & CONDITION

STATE: Collecting federal plus additional pavement distresses to roll up into functional, structural, and non-structural indices which are in turn rolled up into an OPC value.

FEDERAL: Collecting data every year on IRI, rutting, cracking, and faulting to determine good, fair and poor at a tenth mile level.



Annual Budget:

The total expected average annual budget for the next 10 years is \$86 million. This is a combination of State (\$55-60 million), Federal (\$20-25 million).

Asset Valuation:

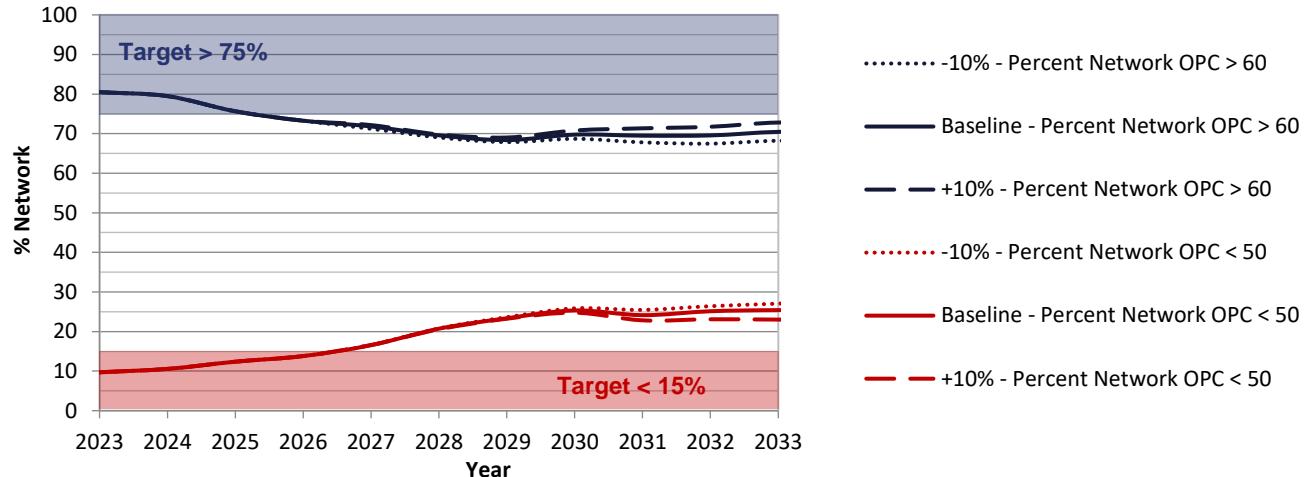
NHS Pavement Value:
Weighted \$/Sq Yd = \$140.09
Total Lane Miles = 1,753
Total Sq Yds = 12,340,909
Value = \$1,728,841,013



PERFORMANCE PROJECTIONS

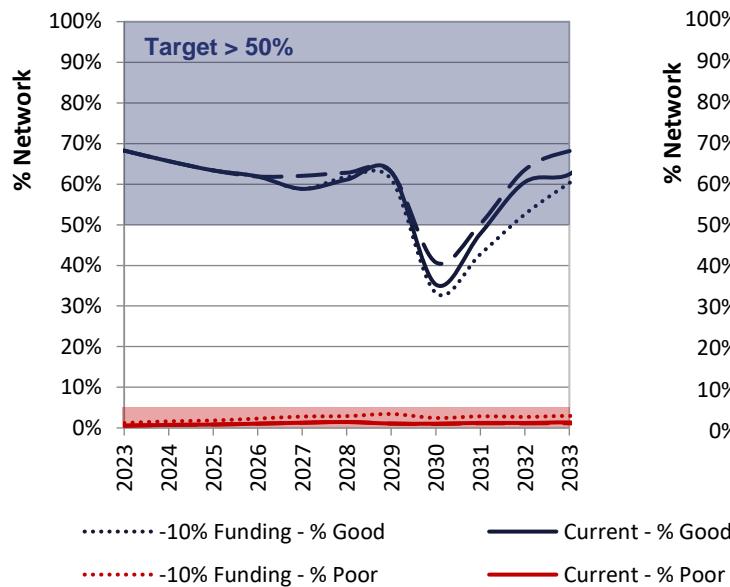
Total Network SOGR Projections and Targets

State Optimized Analysis - Total Network

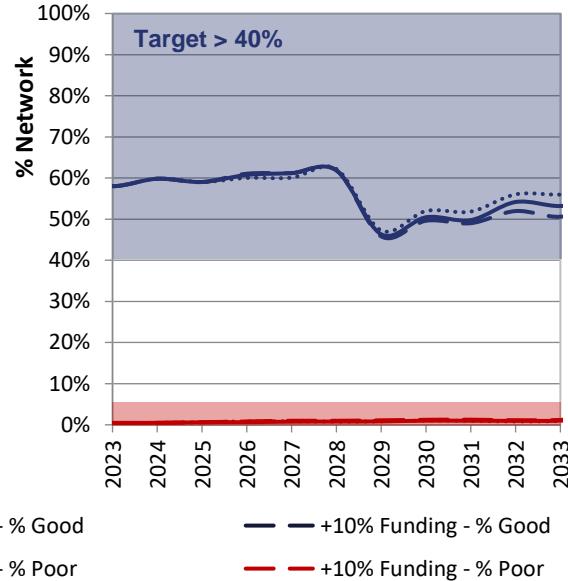


NHS Projections and Targets

Interstate NHS - Condition vs Target



Non-Interstate NHS - Condition vs Target



Funding Level Definitions: Current = \$86.5 Million/Year

POTENTIAL RISKS

With the effects of climate change, sea levels are rising and the intensity of storm surges is increasing. Using the NOAA method, Delaware has 381 miles of coastline and is vulnerable to flooding and storms. The risk of pavement inundation is increasing.