



PAVEMENTS

DelDOT is responsible for managing approximately 5,938 directional centerline miles of state- maintained roadway, 756 of which are on the NHS.

42% of Delaware roads are asphalt, 5% are Portland Cement Concrete, 27% are composite, and 26% are surface treated.

DelDOT is unique in that they are responsible for over 90% of the road network in the state.

Annual Budget: The total expected average annual budget for the next 10 years is \$78.8 million. This is a combination of State (\$56 million), Federal- (\$23 million).

Not including initial construction, the average annual investment for pavements is expected to be \$20.9 million through 2028.

The pavements budget could potentially be affected by COVID-19.

Asset Valuation:

NHS Pavement Value:
Weighted \$/Sq Yd = \$77.02
Total Lane Miles = 1,695
Total Sq Yds = 11,930,688
Value = \$918,921,478

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

FEDERAL:

Interstate % Good – at least 50%
Interstate % Poor – no greater than 2%
Non-Interstate % Good – at least 50%
Non-Interstate % Poor – no greater than 2%
[Good, Fair, and Poor defined by 23 CFR 490.313(c)]

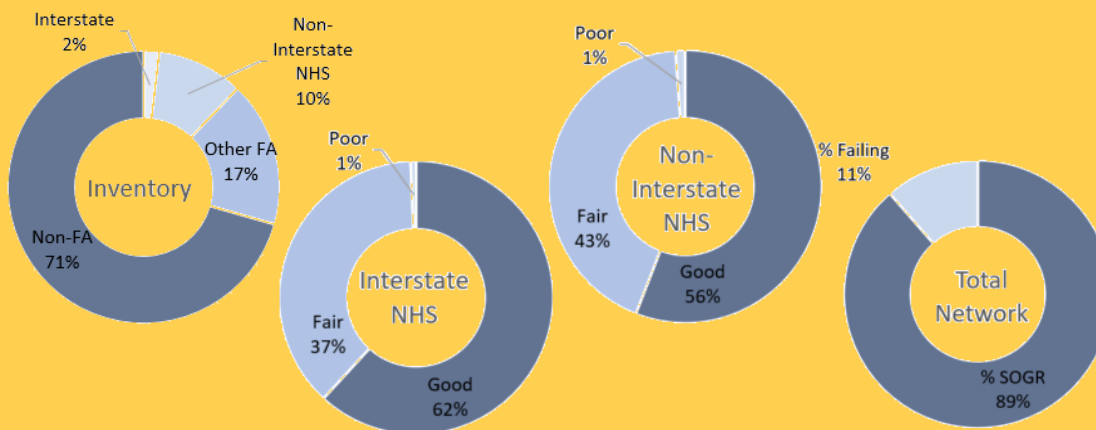
STATE:

85% of all pavements in SOGR (meet or exceed OPC of 50). No more than 10% of all pavements have OPC between 50 and 60.

INVENTORY & CONDITION

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

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.



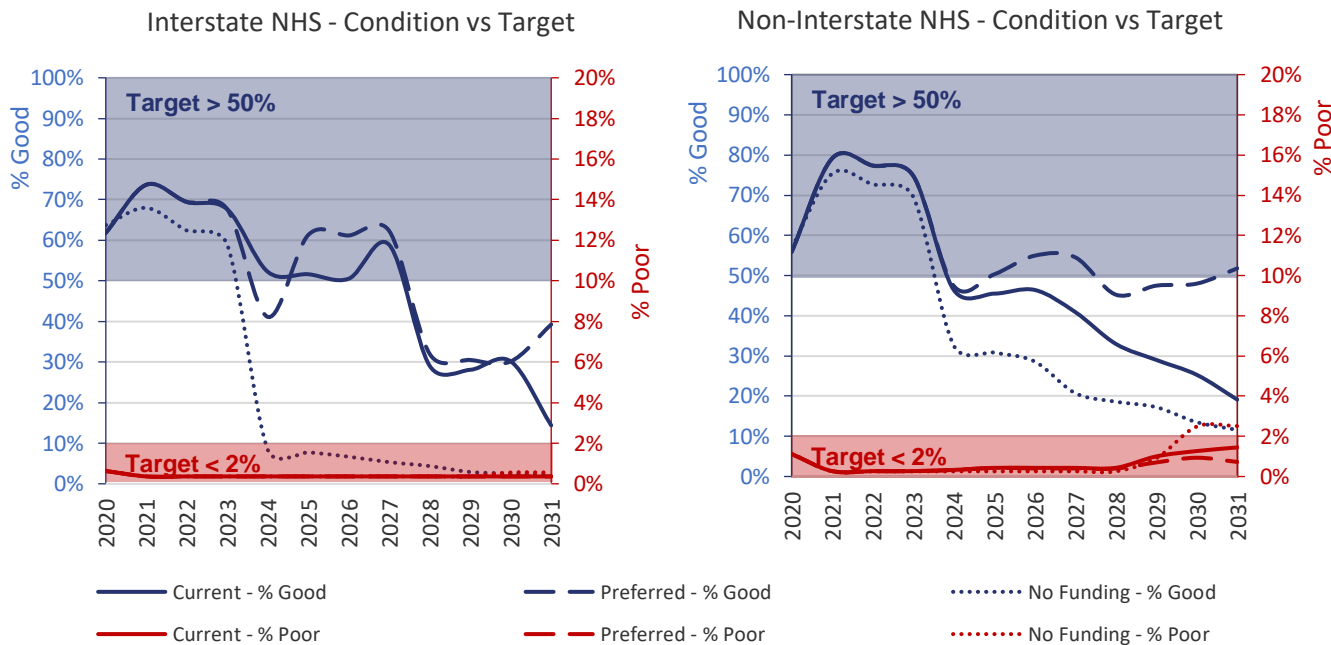
AGE DISTRIBUTION

The pavement group does not have pavement age data currently available, but will provide a graph showing the distribution of assets constructed by year in the future. This will give context for the history of the asset.

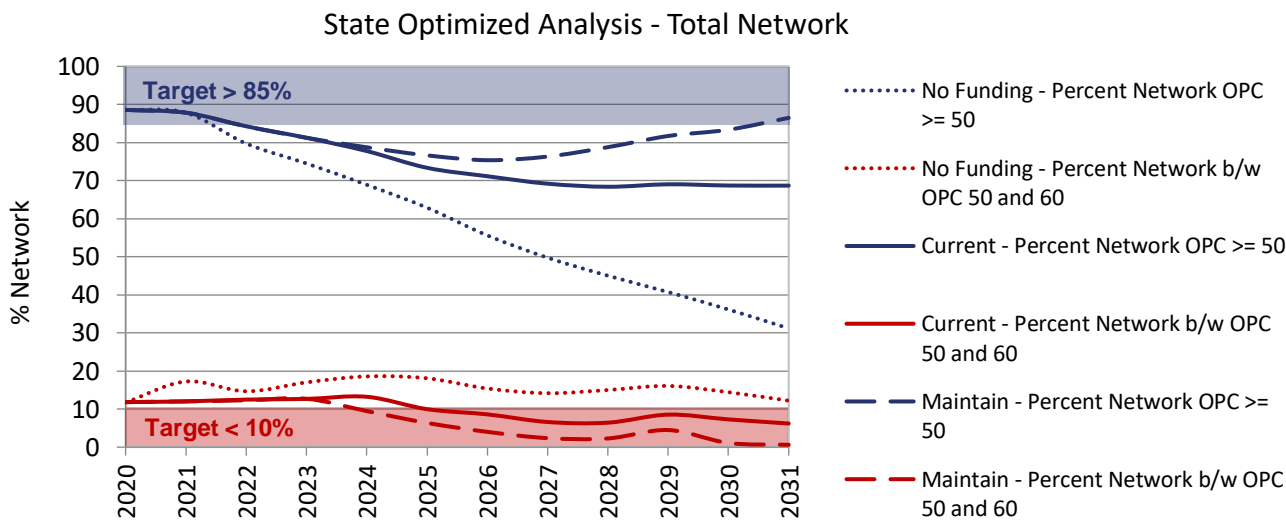


PERFORMANCE PROJECTIONS

NHS Projections and Targets



Total Network SOGR Projections and Targets



Funding Level Definitions: Preferred = \$155 Million/Year, Current = \$75 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.