



# PAVEMENTS

DelDOT is responsible for managing approximately 5,997 directional centerline miles of state- maintained roadway, 749 of which are on the NHS.

59% of Delaware roads are asphalt, 4% are Portland Cement Concrete, 23% are composite, and 14% 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 \$90 million. This is a combination of State (\$70 million), Federal (\$20 million).

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

### 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**

## 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

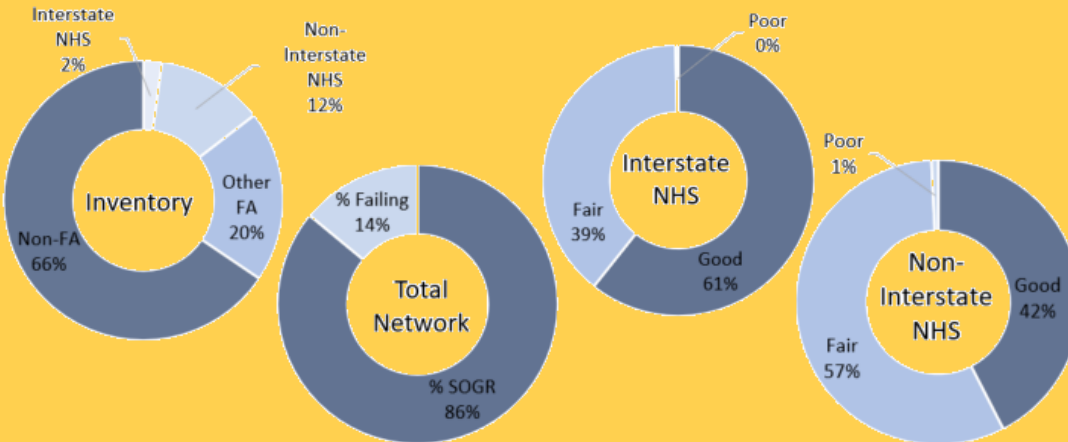
**STATE:**  
 75% of all pavements meet or exceed OPC of 60. No more than 15% of all pavements have OPC less than 50.

**FEDERAL:**  
 Interstate % Good – at least 50%  
 Interstate % Poor – no greater than 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)]

## 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.



## AGE DISTRIBUTION

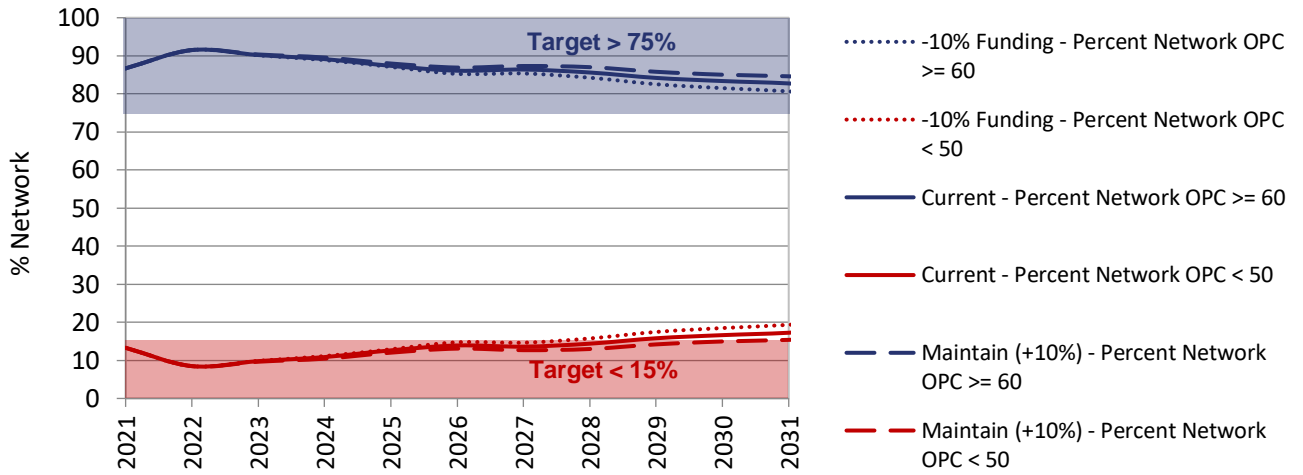
The pavement group does not have pavement age data currently available, but will provide a graph showing the distribution of assets constructed by year in the future. This will give context for the history of the asset.



# PERFORMANCE PROJECTIONS

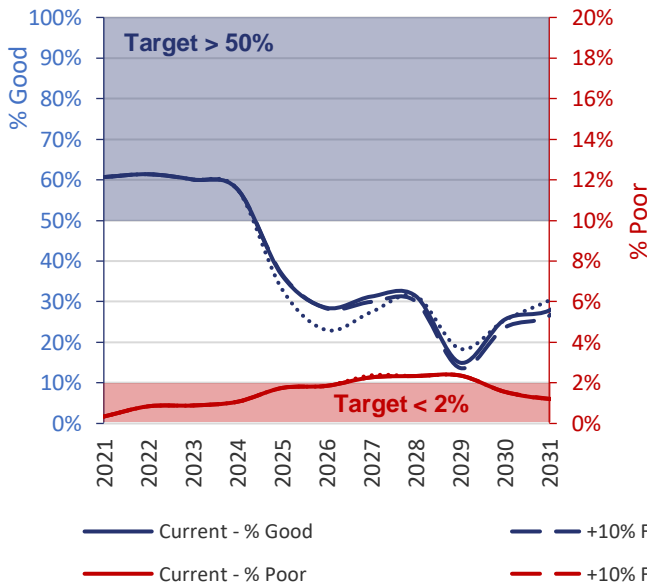
## Total Network SOGR Projections and Targets

### State Optimized Analysis - Total Network

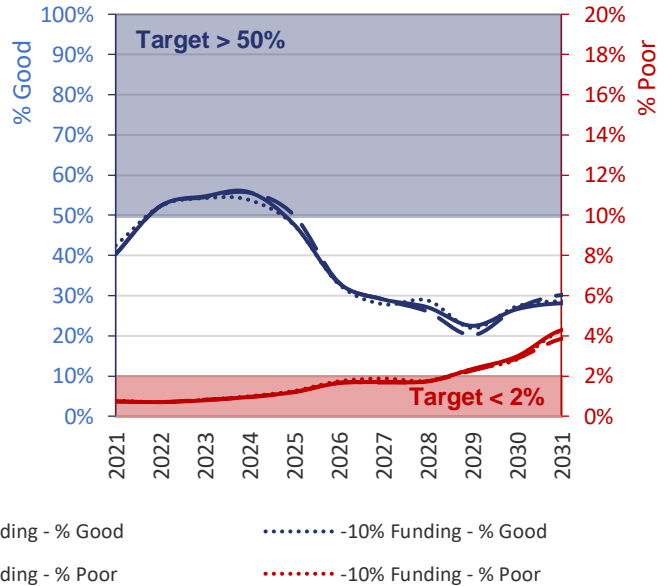


## NHS Projections and Targets

### Interstate NHS - Condition vs Target



### Non-Interstate NHS - Condition vs Target



Funding Level Definitions: Current = \$82 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.