

Temporary Pavement Design Guideline

➤ SN Method

Follow SCDOT Pavement Design Guidelines (July, 2008) and Guidelines for Asphalt Mixture Selection (September, 2020). Provide the below pavement design input parameters for each design period/duration. Be sure to specify layer types and lift thicknesses/rate for each temporary pavement design as shown in the example.

Pavement Design Inputs

Duration (Year/Month)	Minimum 6 month	1 year	2 years	3 years	Or more based on MOT plans
Mainline or Ramps					
Number of Lanes					
AADT					
Growth Factor (%)					
Trucks (%)					
Road Group					
Soil Support Value (SSV)					
Required SN					

Temporary Pavement Design Example

Course	Type	Rate (LBS/SY)
HMA Surface	A	200
HMA Intermediate	B	200
HMA Base	A	900
or Graded Aggregate Base		-

➤ Mechanistic Pavement Design Method

Provide the above pavement design input parameters and mechanistic analysis results. Must show the proposed design method is equal or better than the SN design.

*Pavement ME Design is not recommended until local calibration factors are determined.