

Description of General Input Values
For CALINE3 Model

Variable Description	Variable Range	Input Values for Wisconsin Carbon Monoxide Calculations
Averaging Time, in minutes	3.0 to 120.0	60.0
Surface Roughness, in centimeters	3.0 to 400.0	See Table 1, CALINE3 User's Manual
Settling Velocity, in centimeters per second	≥0.0	0.0
Deposition Velocity, in centimeters per second	≥0.0	0.0
Scale Factor	1.0 if coordinates, and link height and width in meters, 0.3048 if in feet	0.3048
Name, Number and Coordinates of Receptors, in feet	Receptor height must be ≥0.0, maximum 20 receptors	Specific to Project
Name, Number and Coordinates of Roadway Links, in feet	Link length must be greater than link width and less than 10 km., maximum 20 links	Specific to Project
Roadway Type	At-grade, fill bridge, depressed	Specific to Project
Traffic Volume, in vehicles per hour	-----	Specific to Project
Emission Factor, in grams per mile	-----	See FDM 22-20-5
Source Height, in feet	-33.0 to 33.0	Specific to Project
Mixing Zone Width, in feet	≥33.0	Width of pavement plus 20 feet
Wind Speed, in meters per second	≥1.0	1.0
Wind Angle, in degree from north	0 to 36	Specific to Project
Atmospheric Stability Class	A to F	E - Urban Areas F - Rural Areas
Mixing Height, in meter	≥0.0	1,000.0
Ambient CO Concentration parts per million	≥0.0	See FDM 22-30-1