

ENGLISH / METRIC CONVERSION FACTORS USED BY MN/DOT

QUANTITY	When You Know ----->	Multiply By ----->	To Find	SYMBOL
Length	inch	25.4	millimeter	mm
	foot	0.3048	meter	m
	yard	0.9144	meter	m
	mile	1.609344	kilometer	km
Area	square inch	645.16	square millimeter	mm 2
	square foot	0.092903	square meter	m 2
	square yard	0.83612736	square meter	m 2
	acre	0.4047	hectare	ha
	square mile	2.590	square kilometer	km 2
Volume	fluid ounce	29.57	milliliter	mL
	gallon	3.7854	liter	L
	cubic foot	0.028317	cubic meter	m 3
	cubic yard	0.764555	cubic meter	m 3
Mass	ounce	28.35	gram	g
	pound	0.453592	kilogram	kg
	short ton	0.907185	metric ton	t
Force and Pressure or Stress	poundforce (lbf)	4.4482	newton	N
	lbf per sq. in.	6.89476	kilopascal	kPa
	lbf per sq. ft.	47.8803	pascal	Pa
QUANTITY	To Find	<----- Divide By	<----- When You Know	SYMBOL