

SIDEWALK DISTRESS MATRIX

Note: This Matrix is for the evaluation of Point Distresses

SIDEWALK					
Criterion	Poor Drainage	Spalling	Excessive Cross Slope	Trip Hazard	Curb & Gutter
DESCRIPTION	<i>Depression on Sidewalk, Pounding Issue</i>	<i>Losing Surface Particles</i>	<i>Cross slope of the sidewalk to vary from the normal design slope of 3%</i>	<i>Vertical Displacement, Broken Walk or cracks</i>	<i>Curb and/or gutter condition</i>
Level 3	Large car sized (10' x 6'), shallow area of water collecting in gutter (less than 1" depth).	75-85% of one or more panels with severe spalling.	30%-35%	TH of 35mm - 50mm, CR width 30mm - 35mm, BW for 75-80% of a single panel.	Curb intact. Areas with chunks taken out and/or with large cracks.
Level 2	Large car sized (10' x 6'), deep area of water collecting in gutter (2-4" depth).	85% of one or more panels with severe spalling.	35%-40%	TH of 50mm - 65mm, CR width 35mm - 40mm, BW for 85-95% of a single panel.	Curb is partially missing. Relatively large chunks and cracks along panel.
Level 1	large car sized (10' x 6') or greater, deep area of water collecting in gutter (4" or greater).	100% of one or more panels with severe spalling.	Greater than 40%	TH greater than 65mm, CR width over 40mm, BW over 95% of a single panel.	Curb missing entirely along one full panel.

VERSION:

23-Aug-17