

Appendix F: Sidewalk and Curb Ramp Initial Prioritization Summary

Sidewalk Corridor Initial Prioritization Weighting

Functional Class Weighting	
Functional Class	Multiplier
Principal Arterial	1.5
Minor Arterial	1.5
Major Collector	1.25
Major Local	1
Minor Local	1
Low Density Local	1

Corner Break Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	2
% of corridor identified as "Moderate"	5
% of corridor identified as "Severe"	10

Faulting Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	2
% of corridor identified as "Moderate"	5
% of corridor identified as "Severe"	10

Heaving Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	2
% of corridor identified as "Moderate"	5
% of corridor identified as "Severe"	10

Score Range Summary		
Element	Min	Max
Corner Break	0	2.157
Faulting	0	1.270
Heaving	0	3.333
Joint Damage	0	2.000
Longitudinal Cracking	0	1.026
Transverse Cracking	0	1.368
Patching	0	1.384
Sagging	0	2.603
Shattered Slab	0	2.424
Slope	0	2.941
Texture	0	3.333
Tilt	0	3.333
Obstruction	0	3.000
Width	0	3.000
Total Deficiency Score	0	12.919

Joint Damage Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	2
% of corridor identified as "Moderate"	5
% of corridor identified as "Severe"	10

Longitudinal Cracking Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	2
% of corridor identified as "Moderate"	5
% of corridor identified as "Severe"	10

Transverse Cracking Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	2
% of corridor identified as "Moderate"	5
% of corridor identified as "Severe"	10

Patching Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	2
% of corridor identified as "Moderate"	5
% of corridor identified as "Severe"	10

Sagging Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	2
% of corridor identified as "Moderate"	5
% of corridor identified as "Severe"	10

Shattered Slab Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	2
% of corridor identified as "Moderate"	5
% of corridor identified as "Severe"	10

Slope Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	2
% of corridor identified as "Moderate"	5
% of corridor identified as "Severe"	10

Texture Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	2
% of corridor identified as "Moderate"	5
% of corridor identified as "Severe"	10

Tilt Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	1
% of corridor identified as "Moderate"	2
% of corridor identified as "Severe"	3

Obstruction Severity Weighting	
Severity	Multiplier
% of corridor identified as "Low"	1
% of corridor identified as "Moderate"	2
% of corridor identified as "Severe"	3

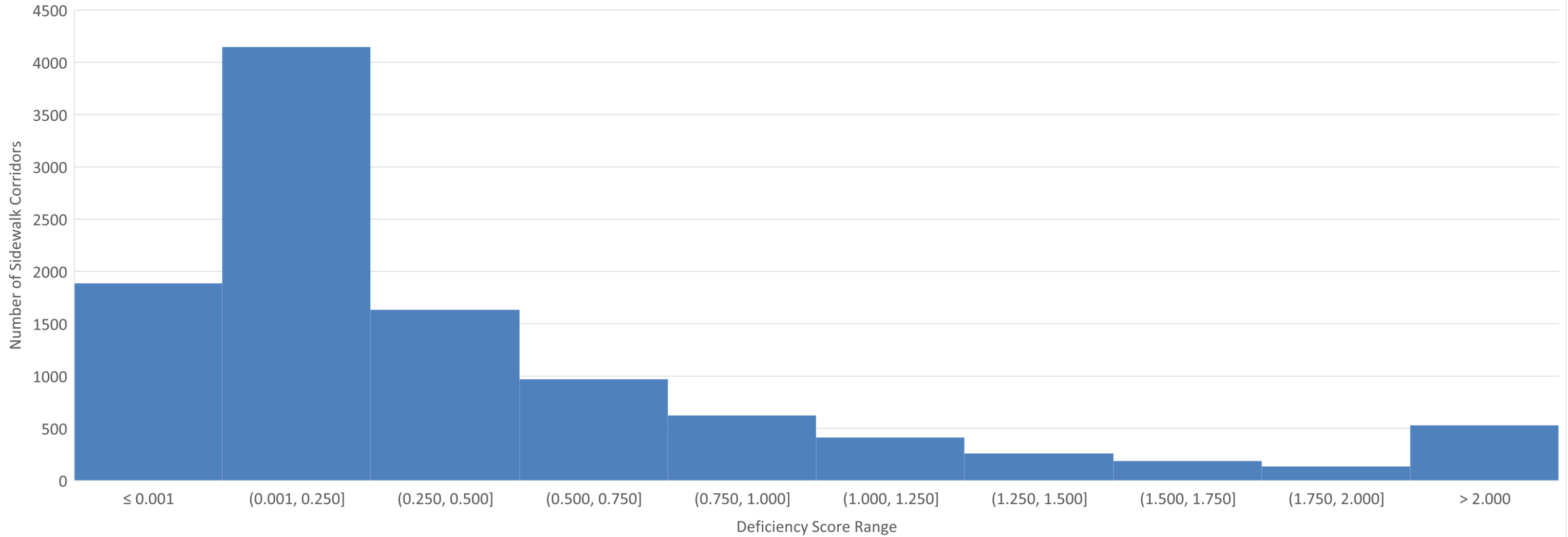
Sidewalk Width Score Value	
Severity	Point Value
Width < 36"	3
36" ≤ Width < 42"	2
42" ≤ Width < 48"	1

Pedestrian Focus Area	
Value	Multiplier
TRUE	2
FALSE	1

Legend	
	Highlighted cells can be manipulated to reconfigure prioritization



Sidewalk Total Deficiency Score Distribution



Curb Ramp Initial Prioritization Weighting

Functional Class Weighting	
Functional Class	Multiplier
Principal Arterial	1.5
Minor Arterial	1.5
Major Collector	1.25
Major Local	1
Minor Local	1
Low Density Local	1

Ramp Type Scoring	
Ramp Type	Score
Type I	0
Type II	0.2
Type III	0.4
Type IV	0.6
Type V	0
Type VI	0.6
Type VII	0
Type X	0

Presence of Truncated Domes (detectable warning surface aka DWS)	
Ramp Type	Score
Pedestrian Ramp (DWS required)	0.2
Commercial Approach (DWS recommended but not required)	0
Other (assume DWS not required)	0
Driveway (not required)	0

Ramp Log Score	
Ramp Log	Score
Flush (Compliant)	0
Moderate	0.2
Excessive	0.4

Ramp Slope Score	
Ramp Slope	Score
0%-8% (Compliant)	0
9% - 12%	0.2
13% - 15%	0.4
Greater than 15%	0.6

Ramp Material Score	
Ramp Material	Score
Asphalt	0
Concrete	0
Gravel	0.6
Pavers/Brick	0
Stamped Concrete	0

Score Range Summary		
Element	Min	Max
Ramp Type	0	0.600
Presence of Truncated Domes	0	0.200
Ramp Log	0	0.400
Ramp Slope	0.00	0.600
Ramp Material	0	0.600
Total Deficiency Score	0.00	5.400

Legend	
	Highlighted cells can be manipulated to reconfigure prioritization

Pedestrian Focus Area	
Value	Multiplier
TRUE	2
FALSE	1



