

Bloomington, IN - LCMS Crack Intel Report - Metadata

Total area surveyed: (ft ²)	34,655,850		<i>Based on the # of micro polygons @ 430ft2 = (430*80,595)</i>
Miles In Network:	236.56		80,595
		Imperial	0.0393701
Total Number of Cracks in Network:	93,985,270		
Average Length: (mm)	34.20957500		1.347 in
Average Width: (mm)	7.94446000		0.313 in
Average Depth: (mm)	2.61953000		0.103 in
Total Length of cracks in Network (ft):	10,548,832.82		1,997.885 mi
Crack Intel Micro Samples:			
Crack Free (%)	2.86		<i># of 11s in the network: 2,304</i>
Crack Free Area: (ft ²)	990,720		<i>(Based on 430 ft2 of each polygon - 430 x 2304) = ft2)</i>
Max Depth: (mm)	100.26600000		3.947 in
Min Depth: (mm)	-108.00000000		-4.252 in
Average Depth: (mm)	2.61953000		0.103 in

A more indepth analysis of the numbers for the LCMS crack intel

<u>Length (mm)</u>			
Min:	1.0000		0.039 in
Max:	346.96986900		13.660 in
Average:	34.20957500		1.347 in
sd:	26.27562800		1.034 in
<u>Width (mm)</u>			
Min:	0.20000000		0.008 in
Max:	40.00000000		1.575 in
Average:	7.94446000		0.313 in
sd:	6.30730010		0.248 in
<u>Depth (mm)</u>			
Min:	-108.00000000		-4.252 in
Max:	100.266		3.947 in
Average:	2.61953000		0.103 in
sd:	3.39097900		0.134 in

of cracks in each classified category based on their width

Low:	81,109,602
Medium:	12,875,668
High:	0

of cracks in each classified category based on their depth

Low:	924,223,953
Medium:	888,423
High:	894

Pavement Condition Index

Total Pothole Count in Network:	11,325		
Total Number of Segments in Network:	2,860		
Average # Potholes per Segment:	3.96		
% Area with Potholes:	14.05		
Total Area containing Potholes:(ft ²)	4,869,750		11,325 (count)
% Area Pothole Free:	85.95		
Area Pothole Free: (ft ²)	29,786,100		
Pothole Low:	18,913		
Pothole Moderate:	3,377		
Pothole High:	226		
Faulting % in Network:	0.41%		328 (count)
Faulting Low:	59.76%		196 328
Faulting Moderate:	8.84%		29
Faulting High:	6.10%		20
Rutting Minor:	87.98%	70,904 (count)	min: 0.489
Rutting Low:	10.91%	8,796 (count)	std: 2.653
Rutting Medium:	0.96%	773 (count)	max: 62.366
Rutting High:	0.15%	122 (count)	
Average RUT in Network:	3.974227	0.156465714 inches	0.0393701