

2020 Condition Assessment of COE Unpaved Roads - Summary of Results

Very Good	Good	Fair	Poor	Very Poor
3.7%	32%	49%	13.3%	2.2%

Asset Category	Asset	Condition (km)				
		Very Good	Good	Fair	Poor	Very Poor
Road	Arterial	6.4	54.2	71.7	4.3	-
	Collector	-	9.2	16.9	0.2	-
	Industrial Collector	-	3.3	2.3	-	-
	Industrial	2.7	5.5	10.7	6.3	1.2
	Residential	1.6	16.6	21.3	5.7	0.6
Alley	Industrial	-	0.3	2.1	1.5	1.1
	Residential	0.6	7.4	22.0	22.2	3.7
Total		11.1	96.5	147.0	40.3	6.6

2020 Condition Assessment of COE Unpaved Roads - Methodology

The condition assessment evaluated the following road characteristics:

Crown Rate	65% of gravel roads have a surface crown rate of less than 3% or more than 6%, whereas the City's target is currently set at 4%.
Gravel Coverage	8.3km (~10%) were assessed as very poor, including ~33% of industrial gravel roads.
Surface Integrity	Generally in fair to very good condition, with more than 80% assessed as fair, good or very good. 7% of industrial collector roads were assessed as very poor.
Surface Distress	Generally in fair to very good condition, with more than 80% assessed as fair, good or very good.

Base Distress	Generally in fair to very good condition, with 78% assessed as fair, good or very good. Approximately 40% of industrial roads are in poor or very poor condition.
Drainage	Generally in fair to very good condition, with 82% assessed as fair, good or very good. Of concern, 13.7km (54%) of industrial roads were assessed as poor or very poor, with more than half being very poor. It is expected that this lack of adequate / maintained drainage will contribute significantly to poor performance.