





	KPI	Applicable Surface Type	Applicable Road Type	Breakdown 1	Breakdown 2	Units
Reliable Road Network				Regular Cleaning		%
	1		All Roads	Seasonal Leaf Collection Program		%
	Extent of Network Cleaned	Hardtop Surfaces	Arterials & Collectors	Regular Cleaning		%
	Extent of Network Cleaned	riardiop odriades	A teriais a collectors	Seasonal Leaf Collection Program		%
			Locals	Regular Cleaning		%
				Seasonal Leaf Collection Program		%
	Lane Closures	All Surfaces	All Roads	Planned		%
	-			Unplanned		%
5	Signal Outages		All Roads	Due to Power Outage		# / Total Number of Signalized Traffic Intersections
2		All Surfaces		Dura to Oliveral Fallium		# / Total Number of Signalized
A reliable				Due to Signal Failure		Traffic Intersections
	Winter Labour Hours	Hardtop Surfaces	All Roads	Ice Cutting		Hours / Total Lane-km
				Other		Hours / Total Lane-km
				Roadway Preparation		Hours / Total Lane-km
				Sanding / Salting		Hours / Total Lane-km
				Snow Removal (Loading)		Hours / Total Lane-km
				Snowplowing		Hours / Total Lane-km
				Sweeping (Spring Clean-Up)		Hours / Total Lane-km
	Dublic Education / Engagement Costs	All Surfaces	All Roads	Winter Road Patrol		Hours / Total Lane-km
	Public Education / Engagement Costs	All Surfaces	All Roads	Public Education / Engagement Costs		\$ / Total Population # / Total Lane-km
	Requests for Capital Construction	All Guilaces	rul INUaus	Requests for Capital Construction Other		# / Total Lane-km
Expectations		All Surfaces	All Roads	Potholes		# / Total Lane-km
tati	Requests for O&M (Non Winter Specific)			Roadway Flooding & Ponding	1	# / Total Lane-km
bec				Sweeping		# / Total Lane-km
Ä				Other		# / Total Lane-km
	Requests for O&M (Winter Specific)	Hardtop Surfaces	All Roads	Sanding / Salting		# / Total Lane-km
	, , , , , , , , , , , , , , , , , , , ,	. artitop ouridoes	, at rough	Snow Clearing		# / Total Lane-km
			Arterials & Collectors	Avg. Road Roughness of Network		Avg. IRI
	Avg. Road Roughness of Network	Asphalt Surfaces	Locals	Avg. Road Roughness of Network		Avg. IRI
	J	'	Alleys	Avg. Road Roughness of Network		Avg. IRI
			Arterials & Collectors	Avg. Road Roughness when Reconstructed		Avg. IRI
	Avg. Road Roughness when Reconstructed	Asphalt Surfaces	Locals	Avg. Road Roughness when Reconstructed		Avg. IRI
			Alleys	Avg. Road Roughness when Reconstructed		Avg. IRI
			Arterials & Collectors	Avg. Road Roughness when Rehabilitated (Major)		Avg. IRI
	Avg. Road Roughness when Rehabilitated	Asphalt Surfaces	Locals	Avg. Road Roughness when Rehabilitated (Major)		Avg. IRI
	(Major)		Alleys	Avg. Road Roughness when Rehabilitated (Major)		Avg. IRI
			Arterials & Collectors	Avg. Timing of Road Reconstruction		Avg. Years
	Avg. Timing of Road Reconstruction	Asphalt Surfaces	Locals	Avg. Timing of Road Reconstruction		Avg. Years
			Alleys	Avg. Timing of Road Reconstruction		Avg. Years
	Avg. Timing of Road Rehabilitation (Major)	Asphalt Surfaces	Arterials & Collectors	Avg. Timing of Road Rehabilitation (Major)		Avg. Years
			Locals	Avg. Timing of Road Rehabilitation (Major)		Avg. Years
			Alleys	Avg. Timing of Road Rehabilitation (Major)		Avg. Years
				Fair		%
			All Roads	Poor / Very Poor		%
				Very Good / Good		%
5		Asphalt Surfaces		Fair		%
Ĭ			Arterials & Collectors	Poor / Very Poor		%
Ę	Perceived Condition of Network			Very Good / Good		%
Ē			Locals	Fair		%
SIE				Poor / Very Poor		%
o`				Very Good / Good		%
9			All	Fair		%
2			Alleys	Poor / Very Poor		%
the Fransportation system condition				Very Good / Good		%
		Asphalt Surfaces		Cold In-Place Recycling		%
9				Full-Depth Reclamation / Pulverizing		%
1 92 1			All Roads	Hot In-Place Recycling		%
	Total Network Rehabilitated (Major) or Reconstructed			Mill & Overlay / Inlay		%
				Remove & Replace Total Reconstruction		%
				Cold In-Place Recycling		%
			Arterials & Collectors	Full-Depth Reclamation / Pulverizing	+	%
				Hot In-Place Recycling	1	%
				Mill & Overlay / Inlay		%
				Remove & Replace		%
				Total Reconstruction		%
			Locals	Cold In-Place Recycling		%
				Full-Depth Reclamation / Pulverizing		%
				Hot In-Place Recycling		%
				Mill & Overlay / Inlay		%
				Remove & Replace		%
				Total Reconstruction		%
				Cold In-Place Recycling		%
				Full-Depth Reclamation / Pulverizing		%
				Hot In-Place Recycling		%
				Mill & Overlay / Inlay		%
				Remove & Replace		%

KPI	Applicable Surface Type	Applicable Road Type	Breakdown 1	Breakdown 2	Units
Electricity Consumed from Charging Stat	ions All Surfaces	All Roads	Electricity Consumed from Charging Stations		kWh / Total Number of Sta
Network with Permeable Pavement	All Surfaces	All Roads	Network with Permeable Pavement		%
Number of Electric Charging Stations	All Surfaces	All Roads	Number of Electric Charging Stations		# / 1,000 Population
Quantity of Bike Shares	All Surfaces	All Roads	Quantity of Bike Shares		# of Bikes / 1,000 Population
Quantity of Car Shares	All Surfaces	All Roads	Quantity of Car Shares		# of Cars / 1,000 Populatio
Registered Vehicles	All Surfaces	All Roads	Conventional Vehicles		# / Total Population
			Zero-Emission Vehicles		# / Total Population
Use of Non-Chloride Anti-Icing Products	Hardtop Surfaces	All Roads	Use of Non-Chloride Anti-Icing Products		Volume (m3) / Total Lane-
Use of Recycled Content	Asphalt Surfaces	All Roads	Use of Recycled Content		Tonnes (metric) / Total Lar Paved
			Anti/De-Icing Products		Volume (m3) / Total Lane-
Use of Salt / Sand	Hardtop Surfaces	All Roads	Salt		Volume (m3) / Total Lane-
			Sand		Volume (m3) / Total Lane-
Capital Investment Work Contracted	Hardtop Surfaces	All Roads	Capital Investment Work Contracted		%
Capital Investments (Expansion) relative to		All Roads	Developer Paid		\$ / Total Centreline-km
		7 11 1 100000	Municipal Paid		\$ / Total Centreline-km
		Arterials & Collectors	Developer Paid		\$ / Total Centreline-km
	to Hardtop Surfaces	7 Ittorialo di Concotoro	Municipal Paid		\$ / Total Centreline-km
Centreline-kms	· ·	Locals	Developer Paid		\$ / Total Centreline-km
			Municipal Paid		\$ / Total Centreline-km
		Alleys	Developer Paid		\$ / Total Centreline-km
		· ·	Municipal Paid		\$ / Total Centreline-km
		All Roads	Developer Paid		\$ / Total Lane-km
			Municipal Paid	-	\$ / Total Lane-km
		Arterials & Collectors	Developer Paid	+	\$ / Total Lane-km
Capital Investments (Expansion) relative	lo Lane- Hardtop Surfaces		Municipal Paid	-	\$ / Total Lane-km
kms		Locals	Developer Paid		\$ / Total Lane-km
			Municipal Paid Developer Paid		\$ / Total Lane-km \$ / Total Lane-km
		Alleys		+	
Capital Reinvestment Work Contracted	Hardtop Surfaces	All Roads	Municipal Paid Capital Reinvestment Work Contracted		\$ / Total Lane-km
Sapital Neinvestillerit Work Contracted	riarutop ouriaces		Reconstruction		\$ / Total Lane-km
		All Roads	Rehabilitation		\$ / Total Lane-km
			Reconstruction		\$ / Total Lane-km
1		Arterials & Collectors	Rehabilitation		\$ / Total Lane-km
Capital Reinvestments	Hardtop Surfaces		Reconstruction		\$ / Total Lane-km
		Locals	Rehabilitation		\$ / Total Lane-km
			Reconstruction		\$ / Total Lane-km
		Alleys	Rehabilitation		\$ / Total Lane-km
2			Capital Reinvestment		%
Cost Allocation (Excl. Winter Related)	All Surfaces	All Roads	O&M		%
Cost Allocation (Incl. Winter Related)	All Surfaces	All Deeds	Capital Reinvestment		%
Cost Allocation (Incl. Willter Related)	All Surfaces	All Roads	O&M		%
				Grants	%
			External	Loans from Gov. Orgs.	%
Funding Source Breakdown		All Roads		Loans from Private Orgs.	%
				Other	%
	All Surfaces			User Fees	%
				Development Charges	%
			Internal	General Revenue	%
				Interdivisional Transfer	%
				Other	%
Non Winter O&M Work Contracted	All Surfaces	All Roads	O&M Work Contracted		%
O&M Expenditures (Non Winter Related)	All Surfaces	All Roads	O&M Expenditures (Non Winter Related)		\$ / Total Lane-km
			Ice Cutting		\$ / Total Lane-km
			Other	+	\$ / Total Lane-km
			Roadway Preparation		\$ / Total Lane-km
O&M Expenditures (Winter Related)					
	Hardtop Surfaces	All Roads	Sanding / Salting		\$ / Total Lane-km
````	Hardtop Surfaces	All Roads	Sanding / Salting Snow Removal (Loading)		\$ / Total Lane-km
. ,	Hardtop Surfaces	All Roads	Sanding / Salting Snow Removal (Loading) Snowplowing		\$ / Total Lane-km \$ / Total Lane-km
	Hardtop Surfaces	All Roads	Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up)		\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km
	·		Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol		\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km
Winter O&M Work Contracted	Hardtop Surfaces  Hardtop Surfaces	All Roads	Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted	Intercation Defection Simula (IDS)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km %
	·		Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS)	Intersection Pedestrian Signals (IPS) Mid-Block Dedestrian Signals (IMS)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km %
Winter O&M Work Contracted	Hardtop Surfaces	All Roads	Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted	Mid-Block Pedestrian Signals (MPS)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % %
	Hardtop Surfaces		Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS)	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % %
Winter O&M Work Contracted	Hardtop Surfaces	All Roads	Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS)	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % %
Winter O&M Work Contracted	Hardtop Surfaces	All Roads	Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % %
Winter O&M Work Contracted	Hardtop Surfaces	All Roads	Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % %
Winter O&M Work Contracted	Hardtop Surfaces	All Roads	Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % %
Winter O&M Work Contracted	Hardtop Surfaces	All Roads	Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % %
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi	Hardtop Surfaces  ings All Surfaces	All Roads  All Roads	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Painted Lane Painted Lane	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % % % % % % %
Winter O&M Work Contracted	Hardtop Surfaces	All Roads	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Painted Lane Protected Lane Protected Lane	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % % % % % % %
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi	Hardtop Surfaces  ings All Surfaces	All Roads  All Roads	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Protected Lane Shared Lane Shared Lane Shared Lane Shared Lane	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % / Total Lane-km % % % % % % % % % % % % % % % % % % %
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi	Hardtop Surfaces  ings All Surfaces	All Roads  All Roads  All Roads  Arterials & Collectors	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Protected Lane Shared Lane Painted Lane Painted Lane Painted Lane Painted Lane	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % % % % % % %
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi	Hardtop Surfaces  ings All Surfaces	All Roads  All Roads	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Protected Lane Shared Lane Protected Lane Shared Lane Protected Lane	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % % % % % % %
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi	Hardtop Surfaces  ings All Surfaces	All Roads  All Roads  All Roads  Arterials & Collectors  Locals	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Protected Lane Shared Lane Painted Lane Protected Lane Shared Lane Protected Lane Shared Lane Protected Lane Shared Lane Painted Lane Shared Lane	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % % % % % % % % % % % % %
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi	Hardtop Surfaces  ings All Surfaces	All Roads  All Roads  All Roads  Arterials & Collectors	Sanding / Salting Snow Removal (Loading) Snowplowing Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO) Painted Lane Protected Lane Shared Lane Painted Lane Protected Lane Shared Lane Painted Lane Painted Lane Painted Lane Shared Lane Painted Lane Painted Lane Shared Lane Painted Lane Portected Lane Shared Lane Painted Lane Portected Lane Shared Lane Portected Lane Shared Lane Both Sides	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % % % % % % % % % % % % %
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi  Network with Bike Infrastructure	Hardtop Surfaces  All Surfaces  Hardtop Surfaces	All Roads  All Roads  All Roads  Arterials & Collectors  Locals  All Roads	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS)  Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Protected Lane Shared Lane Painted Lane Painted Lane Protected Lane Shared Lane Potected Lane Shared Lane Protected Lane Shared Lane Protected Lane Shared Lane	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % % % % % % %
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi	Hardtop Surfaces  ings All Surfaces	All Roads  All Roads  All Roads  Arterials & Collectors  Locals	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Protected Lone Shared Lane Both Sides	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % % % % % % %
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi  Network with Bike Infrastructure	Hardtop Surfaces  All Surfaces  Hardtop Surfaces	All Roads  All Roads  All Roads  Arterials & Collectors  Locals  All Roads  Arterials & Collectors	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Painted Lane Protected Lane Shared Lane Protected Lane Shared Lane Both Sides One Side Both Sides One Side	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % % % % % % % % % % % % %
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi  Network with Bike Infrastructure	Hardtop Surfaces  All Surfaces  Hardtop Surfaces	All Roads  All Roads  All Roads  Arterials & Collectors  Locals  All Roads	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Painted Lane Painted Lane Protected Lane Shared Lane Painted Lane Protected Lane Shared Lane Painted Lane Postected Lane Shared Lane Doth Sides One Side Both Sides Done Side Both Sides	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km 96 96 96 96 96 96 96 96 96 96
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crosss  Network with Bike Infrastructure  Network with Sidewalks	Hardtop Surfaces  All Surfaces  Hardtop Surfaces  Hardtop Surfaces	All Roads  All Roads  All Roads  Arterials & Collectors  Locals  All Roads  Arterials & Collectors	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (IPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Painted Lane Protected Lane Shared Lane Protected Lane Shared Lane Painted Lane Potected Lane Shared Lane Both Sides One Side Both Sides One Side	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km 96 96 96 96 96 96 96 96 96 96
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi  Network with Bike Infrastructure  Network with Sidewalks  Percent of Intersection Legs Compliant w	Hardtop Surfaces  All Surfaces  Hardtop Surfaces  Hardtop Surfaces	All Roads  All Roads  All Roads  Arterials & Collectors  Locals  All Roads  Arterials & Collectors	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (IPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Painted Lane Protected Lane Shared Lane Patried Lane Protected Lane Shared Lane Both Sides One Side Both Sides One Side Both Sides One Side Percent of Intersection Legs Compliant with AODA	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km % % % % % % % % % % % % %
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi  Network with Bike Infrastructure  Network with Sidewalks  Percent of Intersection Legs Compliant w AODA (Ontario Only)	Hardtop Surfaces  All Surfaces  Hardtop Surfaces  Hardtop Surfaces	All Roads  All Roads  All Roads  Arterials & Collectors  Locals  All Roads  Arterials & Collectors  Locals  All Roads	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (MPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Painted Lane Protected Lane Shared Lane Painted Lane Potected Lane Shared Lane Postected Lane Shared Lane Postected Lane Shared Lane Postected Lane Shared Lane Postected Lane Shared Lane Both Sides One Side Both Sides One Side Both Sides Percent of Intersection Legs Compliant with AODA (Ontario Only)	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km 96 96 96 96 96 96 96 96 96 96
Winter O&M Work Contracted  Breakdown of Pedestrian Signals / Crossi  Network with Bike Infrastructure  Network with Sidewalks  Percent of Intersection Legs Compliant w	Hardtop Surfaces  All Surfaces  Hardtop Surfaces  Hardtop Surfaces	All Roads  All Roads  All Roads  Arterials & Collectors  Locals  All Roads  Arterials & Collectors	Sanding / Salting Snow Removal (Loading) Snow Removal (Loading) Sweeping (Spring Clean-Up) Winter Road Patrol Winter Road Patrol Winter O&M Work Contracted Intersection Pedestrian Signals (IPS) Mid-Block Pedestrian Signals (IPS) Pedestrian Crossovers (PXO)  Painted Lane Protected Lane Shared Lane Painted Lane Protected Lane Shared Lane Patried Lane Protected Lane Shared Lane Both Sides One Side Both Sides One Side Both Sides One Side Percent of Intersection Legs Compliant with AODA	Mid-Block Pedestrian Signals (MPS) Level 1 Type A (Ontario Only) Level 2 Type B (Ontario Only)	\$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km \$ / Total Lane-km 96 96 96 96 96 96 96 96 96 96

	KPI	Applicable Surface Type	Applicable Road Type	Breakdown 1	Breakdown 2	Units
Ī	Municipality Responsible Claim Volume		All Roads	Escalated	Injury	# / 1,000 Lane-km
					Motor Vehicle Damage	# / 1,000 Lane-km
		All Surfaces			Real Property Damage	# / 1,000 Lane-km
				Rejected	Injury	# / 1,000 Lane-km
					Motor Vehicle Damage	# / 1,000 Lane-km
					Real Property Damage	# / 1,000 Lane-km
	Number of Accidents	All Surfaces	All Roads	May-Oct		# / Total Lane-km
				Nov-April		# / Total Lane-km
	Number of Fatalities and Injuries	All Surfaces	All Roads	Motor Vehicle Fatalities		#
				Motor Vehicle Injuries		#
				Pedestrian / Cyclist Fatalities		#
				Pedestrian / Cyclist Injuries		#
	Distribution of Workforce by Age		All Roads	<= 30 yrs.		%
				> 60 yrs.		%
		All Surfaces		31-40 yrs.		%
				41-50 yrs.		%
				51-60 yrs.		%
	Lost Time due to Worker Accidents	All Surfaces	All Roads	Lost Time due to Worker Accidents		Hours / 1,000 Field Hours P
	Number of Worker Accidents	All Surfaces	All Roads	Number of Worker Accidents		# / 1,000 Field Hours Paid
	Staff Resources by Population	All Surfaces	All Roads	Administrative / Clerical		FTEs / 1,000 Population
				Field Staff		FTEs / 1,000 Population
				Supervisor / Management		FTEs / 1,000 Population
				Technical / Engineering		FTEs / 1,000 Population
	Staff Resources by Road Network Size	All Surfaces	All Roads	Administrative / Clerical		FTEs / Total Lane-km
				Field Staff		FTEs / Total Lane-km
				Supervisor / Management		FTEs / Total Lane-km
				Technical / Engineering		FTEs / Total Lane-km
	Training Hours	All Surfaces	All Roads	Training Hours		Hours / Total Field Hours Pa
	Unavailability of Field Labour	All Surfaces	All Roads	Hours Expended from Banked Time		%
				Long Term Leave Hours		%
				Other		%
				Other Training		%
				Parental Leave		%
				Safety Training		%
				Sick Hours		%
				Union Paid Hours		%
				Vacation Hours		%

## **About AECOM**

AECOM is the world's trusted infrastructure consulting firm, delivering professional services throughout the project lifecycle — from planning, design and engineering to program and construction management. On projects spanning transportation, buildings, water, new energy and the environment, our publicand private-sector clients trust us to solve their most complex challenges. Our teams are driven by a common purpose to deliver a better world through our unrivaled technical expertise and innovation, a culture of equity, diversity and inclusion, and a commitment to environmental, social and governance priorities. AECOM is a Fortune 500 firm and its Professional Services business had revenue of \$13.2 billion in fiscal year 2020. See how we are delivering sustainable legacies for generations to come at aecom.com and @AECOM.

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