

Asset Type	Commuted Sums Category	Asset Element	Basis for Lifecycle (over 60 years)	Unit of Measure	Lifecycle Calculation	Rates Applied		Quantity (number)	Estimated Commuted Sum for Section 38's	Estimated Commuted Sum for Section 278's
Carriageway Surfacing	1	Hot Rolled Asphalt	Commuted Sums Not Applied							
	2	Asphaltic Concrete	4 replacements (EXTRA OVER COST)	m2	£12.54	Resurfacing	£16.32		£0.00	£0.00
	2	Stone Mastic Asphalt	3 replacements (EXTRA OVER COST)	m2	£41.79	Resurfacing	£31.51		£0.00	£0.00
	3	High Friction Surfaces (HFS)	6 replacements	m2	£268.44	Replacement	£44.74		£0.00	£0.00
	3	Pigmented Asphalt	3 replacements (EXTRA OVER COST)	m2	£139.38	Resurfacing	£64.04		£0.00	£0.00
	3	Block Paving	2 replacements (EXTRA OVER COST)	m2	£295.16	Replacement	£173.95		£0.00	£0.00
	3	Additional areas not required by the Highway Authority (e.g. parking bays)	1 replacement	m2	£26.37	Replacement	£26.37		£0.00	£0.00
	4	Overrun Areas (modular)	3 replacements (EXTRA OVER COST)	m2	£469.11	Replacement	£173.95		£0.00	£0.00
Carriageway Construction	1	Flexible Bituminous Construction	Commuted Sums Not Applied							
	2	Geogrid / Stress absorbing membrane	One off replacement	m2	£22.60	Replacement	£22.60		£0.00	£0.00
	2	HBM / CRBM containing tar	Coring and chemical testing twice (when resurfacing)	m2	£7.62	Testing	£3.81		£0.00	£0.00
	3	Composite (lean-mix) Concrete	One off replacement	m2	£52.02	Replacement	£52.02		£0.00	£0.00
Carriageway Ancillaries	1	Kerbs (PCC)	Commuted Sums Not Applied							
	1	Dropped Kerbs (PCC)	Commuted Sums Not Applied							
	1	Bus Stop Kerbs (PCC)	Commuted Sums Not Applied							
	1	Road Markings	Commuted Sums Not Applied							
	1	Road Studs (embedded i.e. Halifax)	Commuted Sums Not Applied							
	1	Edgings (PCC)	Commuted Sums Not Applied							
	2	Kerbs (conservation)	Replacement - 50% of total (EXTRA OVER COST)	Linear m	£16.32	Replacement	£81.61		£0.00	£0.00
	3	Kerbs (natural stone)	Replacement - 50% of total (EXTRA OVER COST)	Linear m	£23.35	Replacement	£95.66		£0.00	£0.00
	3	Safety Kerbs	Replacement - 50% of total (EXTRA OVER COST)	Linear m	£93.54	Replacement	£236.05		£0.00	£0.00
	4	Road Studs (all other types)	10 replacements	Item	£110.50	Replacement	£11.05		£0.00	£0.00
Footways and Cycleways	1	Asphaltic Concrete	Commuted Sums Not Applied							
	1	Tactile Paving	Commuted Sums Not Applied							
	3	Block Paving	2 replacements (EXTRA OVER COST)	m2	£256.22	Replacement	£144.43		£0.00	£0.00
	3	Modular Paving (Flags)	3 replacements (EXTRA OVER COST)	m2	£326.10	Replacement	£119.58		£0.00	£0.00
	3	Modular Paving (Flags) Natural Stone	3 replacements (EXTRA OVER COST)	m2	£1,000.53	Replacement	£344.39		£0.00	£0.00
	3	Pigmented Asphalt Cycleways	2 replacements (EXTRA OVER COST)	m2	£98.90	Resurfacing	£65.77		£0.00	£0.00
	4	Pigmented Asphalt Footways	2 replacements (EXTRA OVER COST)	m2	£98.90	Resurfacing	£65.77		£0.00	£0.00
	4	Resin Bonded Gravel	5 replacements (EXTRA OVER COST)	m2	£551.21	Resurfacing	£116.77		£0.00	£0.00
Fences and Barriers	2	Pedestrian Guard Rail	2 replacement	Linear m	£450.86	Replacement	£225.43		£0.00	£0.00
	3	Boundary Fencing (post and rail)	3 replacements	Linear m	£131.85	Replacement	£43.95		£0.00	£0.00
	3	Birdlip Fencing	3 replacements	Linear m	£113.01	Replacement	£37.67		£0.00	£0.00
	3	Acoustic Barrier	1 replacement	Linear m	£370.40	Replacement	£370.40		£0.00	£0.00
	3	Vehicle Restraint System - Barrier	2 replacements	Linear m	£276.22	Replacement	£138.11		£0.00	£0.00
	3	Vehicle Restraint System - Terminal	2 replacements	Item	£2,989.50	Replacement	£1,494.75		£0.00	£0.00
	3	Retaining wall <1.5m	1 replacement	Linear m	£1,625.00	Replacement	£1,625.00		£0.00	£0.00
Street Lighting	1	Standard Column	Commuted Sums Not Applied							
	1	Non-illuminated Reflective Bollard	Commuted Sums Not Applied							
	3	Architectural / Non Standard <6m	2 replacements (EXTRA OVER COST)	Item	£7,224.16	Replacement	£3,612.08		£0.00	£0.00
	3	Architectural / Non Standard >6m	2 replacements (EXTRA OVER COST)	Item	£8,220.24	Replacement	£4,110.12		£0.00	£0.00
	3	Wall Mounted Lighting	2 replacements (EXTRA OVER COST)	Item	£6,040.00	Replacement	£3,020.00		£0.00	£0.00
	3	Subway / Bridge lighting	2 replacements (EXTRA OVER COST)	Item	£2,320.00	Replacement	£1,160.00		£0.00	£0.00
	3	Private Cable Network	1 replacement in 60 years	Linear m	£159.00	Replacement	£159.00		£0.00	£0.00
Street Furniture	2	Bus Shelters (passenger information)	2 replacements	Item	£34,508.50	Replacement	£17,254.25		£0.00	£0.00
	2	Bus Shelters (unit)	2 replacements	Item	£9,455.38	Replacement	£4,727.69		£0.00	£0.00
	2	Bus Stops (poles and flags)	5 replacements	Item	£1,808.65	Replacement	£361.73		£0.00	£0.00
	2	Cycle Racks	2 replacements	Item	£723.46	Replacement	£361.73		£0.00	£0.00
	3	Seating and Benches	3 replacements	Item	£5,394.54	Replacement	£1,798.18		£0.00	£0.00
	3	Bollards (wooden)	4 replacements	Item	£461.36	Replacement	£115.34		£0.00	£0.00
	3	Bollards (plastic socketed)	4 replacements	Item	£2,285.72	Replacement	£571.43		£0.00	£0.00
	3	Bollards (concrete)	2 replacements	Item	£1,457.42	Replacement	£728.71		£0.00	£0.00
	4	Bollard (removable)	4 replacements	Item	£1,356.04	Replacement	£339.01		£0.00	£0.00
	4	Bollard (foldable)	4 replacements	Item	£1,506.72	Replacement	£376.68		£0.00	£0.00
	4	Solar Bollard	4 replacements	Item	£2,912.96	Replacement	£728.24		£0.00	£0.00
Verges and Landscaped Areas	1	Grass Verges (<=2m width)	Commuted Sums Not Applied							
	2	Grass Verges (>2m width)	4 cuts per year (applied to area over 2m standard width only)	m2	£9.60	Maintenance	£0.04		£0.00	£0.00
	2	Trees	Routine maintenance	Item	£600.00	Maintenance	£600.00		£0.00	£0.00
	3	Hedges	1 cut per year	Linear m	£55.20	Maintenance	£0.92		£0.00	£0.00
	3	Shrubs	1 cut per year	m2	£45.00	Maintenance	£0.75		£0.00	£0.00
Traffic and Pedestrian Management	1	Non-illuminated traffic signs	Commuted Sums Not Applied							
	2	Illuminated Traffic Signs <=4m2	2 replacements	Item	£5,200.56	Replacement	£2,600.28		£0.00	£0.00
	2	Illuminated Traffic Signs >4m2	2 replacements	m2	£1,420.72	Replacement	£710.36		£0.00	£0.00
	2	Zebra Crossing	2 replacements	Item	£9,000.00	Replacement	£4,500.00		£0.00	£0.00
	2	Controlled Crossing (Toucan, Puffin) Single carriageway	3 replacements	Item	£75,000.00	Maintenance	£25,000.00		£0.00	£0.00
	2	Controlled Crossing (Toucan, Puffin) Dual carriageway	3 replacements	Item	£120,000.00	Maintenance	£40,000.00		£0.00	£0.00
	2	Traffic Signals - T Junction	3 replacements	Item	£180,000.00	Replacement	£60,000.00		£0.00	£0.00
	2	Traffic Signals - Cross roads	3 replacements	Item	£240,000.00	Replacement	£80,000.00		£0.00	£0.00
	2	Traffic Signals - Roundabout Per Arm	3 replacements	Item	£150,000.00	Replacement	£50,000.00		£0.00	£0.00
	3	Over Height Warning Signs (OHWS)	3 replacements	Item	£75,000.00	Replacement	£25,000.00		£0.00	£0.00
	3	CCTV	3 replacements	Item	£30,000.00	Replacement	£10,000.00		£0.00	£0.00
	3	Heritage Pedestrian Signs	1 replacement	Item	£1,000.00	Replacement	£1,000.00		£0.00	£0.00
	3	Traditional Cast Iron Finger Posts	1 replacement	Item	£1,500.00	Replacement	£1,500.00		£0.00	£0.00

	3	Traffic Calming Humps / Raised Tables (bituminous)	3 replacements	m2	£240.00	Replacement	£80.00		£0.00	£0.00
	3	Traffic Calming Cushions	6 replacements	Item	£23,574.30	Replacement	£3,929.05		£0.00	£0.00
	4	Variable Messaging Signs (VMS)	3 replacements	Item	£90,000.00	Replacement	£30,000.00		£0.00	£0.00
	4	Traffic Calming Humps / Raised Tables (block paved)	3 replacements	m2	£660.00	Replacement	£220.00		£0.00	£0.00
Drainage	1	Pipes	Commuted Sums Not Applied							
	1	Culverts (<1.5m)	Commuted Sums Not Applied							
	1	Gullies	Commuted Sums Not Applied							
	1	Catchpits	Commuted Sums Not Applied							
	1	Inspection Chambers	Commuted Sums Not Applied							
	1	Ditches	Commuted Sums Not Applied							
	1	Grips	Commuted Sums Not Applied							
	2	Petrol Interceptors (<=8m3)	Cyclic cleansing and 1 replacement	Item	£23,700.29	Replacement	£23,700.29		£0.00	£0.00
					£12,461.40	Maintenance	£207.69			
	2	Petrol Interceptors (>8m3)	Cyclic cleansing and 1 replacement	Item	£37,330.79	Replacement	£37,330.79		£0.00	£0.00
					£29,041.20	Maintenance	£484.02			
	2	Soakaways (<=5m3)	Cyclic cleansing and 1 replacement	Item	£5,561.24	Replacement	£5,561.24		£0.00	£0.00
					£532.56	Maintenance	£44.38			
	2	Soakaways (>5m3)	Cyclic cleansing and 1 replacement	Item	£6,461.24	Replacement	£6,461.24		£0.00	£0.00
					£2,662.68	Maintenance	£221.89			
	2	Swales	Routine maintenance	m2	£18.83	Maintenance	£18.83		£0.00	£0.00
	3	Storage Chamber / Tank	Cyclic cleansing and 1 replacement	m3	£1,367.00	Replacement	£1,367.00		£0.00	£0.00
					£1,358.04	Maintenance	£113.17			
	3	Ponds (attenuation)	Cyclic cleansing	m3	£2,900.00	Maintenance	£580.00		£0.00	£0.00
	3	Vortex Flow Control	2 replacements	Item	£13,869.56	Replacement	£6,934.78		£0.00	£0.00
	3	Weir Kerbs	Replacement (50% of total) and cyclic cleansing	Item	£448.43	Replacement	£896.85		£0.00	£0.00
					£100.50	Maintenance	£3.35			
	3	Filter Drains	Cyclic Cleansing and 2 replacements	Linear m	£524.26	Replacement	£262.13		£0.00	£0.00
					£40.20	Maintenance	£3.35			
3	Fin or Narrow Filter Drains	2 replacements	Linear m	£400.00	Replacement	£200.00		£0.00	£0.00	
3	Permeable Paving	2 replacements	m2	£379.34	Replacement	£189.67		£0.00	£0.00	
3	Headwall (bagwork)	1 replacement	item	£1,500.00	Replacement	£1,500.00		£0.00	£0.00	
4	Channel Drains	Cyclic cleansing and 1 replacement	Linear m	£175.00	Replacement	£175.00		£0.00	£0.00	
				£100.50	Maintenance	£3.35				
4	Pumps and Pumping Stations	Servicing and 10 replacements	item	£50,000.00	Replacement	£5,000.00		£0.00	£0.00	
				£65,880.00	Servicing	£549.00				
4	Combined Drainage Kerbs	1 Replacement and cyclic cleansing	Linear m	£187.08	Replacement	£187.08		£0.00	£0.00	
				£40.20	Maintenance	£3.35				
Rights of Way	1	Resurface of existing	Commuted Sums Not Applied							
	2	Footpath	2 surface replacements	Linear m	£200.00	Resurface	£100.00		£0.00	£0.00
	2	Bridleway	3 surface replacements	Linear m	£360.00	Resurface	£120.00		£0.00	£0.00
	2	Byway	4 surface replacements	Linear m	£600.00	Resurface	£150.00		£0.00	£0.00

		HIGHWAYS Commuted Sum Total		£0.00	£0.00
		BESPOKE ITEMS Commuted Sum Total		£0.00	£0.00
		STRUCTURES Commuted Sum Total			
		Section 38		£0.00	£0.00
		Section 278		£0.00	£0.00
		TOTAL COMMUTED SUM		£0.00	£0.00

[ADEPT Commuted Sum Calculator for Structures](#)