

MINISTRY OF ROADS AND HIGHWAYS SCHEDULE OF RATES
URBAN ROADS
BASE MONTH: JAN 2024

CODE	DESCRIPTION	RATE PER REGION		
		ASHANTI		
		Kumasi	Bekwai	Mampong
	GENERAL ITEMS			
A110	Performance Bond	1% of 30% of Cost of Works (guide)		
A120	Insurance Works,Plant,3rd Party			
A130	Insurance Const. Plant	1.2% of Cost of Works or 2xA110 (guide)=total A120,A130,A150		
A150	Workmen Insurance			
A213.1	Provide R.E's Temp. Res. Acc.	Renting per month or purchase or per specifications		
A213.2	Maintain R.E's Temp. Res. Acco.	Security, Utilities bills,etc. Or per specification		
A221.1	Provide R.E's Transport Vehicle	Hiring per month or purchase or per specification		
A221.2	Maintain R.E's Transport Vehicle	Fuel, repairs,routine maintenance,etc. per month - say 2,500.00 or per specification		
A279	Install sign post - Contract Name	9052.5		
A290	Progress Photographs per Set	250 or per specification		
A311.1	Setting up Contractor's Comp.	Cost per Sq. Area of Two-Bedroom Flat -say 6,500.00. Use 8,000.00 for Bitumen Surfacing		
A311.2	Maintaining Contractor' Comp.	Minor repairs per month - say 8000.00 or per specification. Use 12000.00 for Bitumen surfacing		
A311.3	Removing Contrator's Comp.	532.5 or per specification. Use 900.00 for Bitumen Surfacing		
	<i>Class Factor-Urban</i>			
	CLEARING	1.00	1.00	1.00
D100.1	Thick bush (Dense vegetation with trees exceeding 15Nr per 100m2, shrubs and undergrow)	43,132.92	43,132.92	43,132.92
D100.2	Light bush (Sparce vegetation with trees exceeding between 10-15Nr per 100m2, shrubs and undergrow)	31,217.52	31,217.52	31,217.52
D100.3	Savannah bush (Sparce vegetation with trees exceeding between 4-10Nr per 100m2, shrubs and undergrow)	22,883.69	22,883.69	22,883.69
D100.4	Grass/Neglected bush (Sparce vegetation with trees not exceeding 4Nr per 100m2, shrubs and undergrow)	16,981.95	16,981.95	16,981.95
D210	Fell Trees, <1m	503.28	503.28	503.28
D220	Fell Trees, 1-2m	673.14	673.14	673.14
D230	Fell Trees, 2-3m	893.35	893.35	893.35
D240	Fell Trees, 3-5m	1,406.78	1,406.78	1,406.78
D250	Fell Trees,>5m	1,900.00	1,900.00	1,900.00
D310	Destump Trees, <1m	443.83	443.83	443.83
D320	Destump Trees, 1-2m	532.60	532.60	532.60
D330	Destump Trees, 2-3m	642.37	642.37	642.37
D330.1	Destump Trees, 3-5m	1,552.48	1,552.48	1,552.48
D330.2	Destump Trees, >5m	1,947.89	1,947.89	1,947.89
D551	Demolish Timber	301.34	301.34	301.34
D521.1	Demolish mass concrete	455.24	455.24	455.24
D521.2	Demolish reinforced concrete	674.43	674.43	674.43

MINISTRY OF ROADS AND HIGHWAYS SCHEDULE OF RATES
URBAN ROADS
BASE MONTH: JAN 2024

CODE	DESCRIPTION	RATE PER REGION		
		ASHANTI		
		Kumasi	Bekwai	Mampong
	<u>Class Factor-Urban</u>			
	EARTHWORKS			
		1.00	1.00	1.00
E120.3	Unsuitable material in swamp	66.38	66.38	66.38
E210	Excavate to remove topsoil	11.38	11.38	11.38
E220.1	Excavate material in cutting	33.96	33.96	33.96
E220.2	Excavate,push to fill(stockpile)	41.25	41.25	41.25
E220.3	Excavate,haul to fill	53.10	53.10	53.10
E230.1	Excavate in hard rock (explosives)	420.04	420.04	420.04
E230.2	Excavate using rippers	444.55	444.55	444.55
E230.3	Excavate in soft rock	395.65	395.65	395.65
E322	Excavate culvert fdn.(0.25-0.5m)	247.10	247.10	247.10
E323	Excavate culvert fdn.(0.5-1m)	247.10	247.10	247.10
E323.1	Excavate foundation (Equipment)	134.37	134.37	134.37
E324	Excavate culvert fdn.(1-2m)	482.15	482.15	482.15
E329	Excavate culvert fdn.(exc.2m)	803.58	803.58	803.58
E420	General excavation in Borrow	86.58	86.58	86.58
E522	Compact formation in cutting	1.39	1.39	1.39
E542	Double handling of excavated material(Load and haul to fill)	53.10	53.10	53.10
E551	Excavate inlet and outlet channels	119.67	119.67	119.67
	<u>Class Factor-Urban</u>			
E592.1	Scarify gravel surface and compact	3.10	3.10	3.10
E522.1	Scarify existin gravel shoulder and compact	3.10	3.10	3.10
E592.2	Scarify gravel surf. without compaction	1.43	1.43	1.43
E592.3	Blade road surface and compact	0.85	0.85	0.85
E592.4	Blade road surf. without compaction	0.48	0.48	0.48
	<u>Class Factor-Urban</u>			
E590	Desilt existing pipe culvert	119.67	119.67	119.67
E624	Filling from excavation	20.88	20.88	20.88
E625	Filling (Haul) from Borrow	20.88	20.88	20.88
E657	Stone pitching(See concreteworks)	375.43	375.43	375.43
E700.1	Reinstatement of Borrow pits	2.52	2.52	2.52
E790.2	Hand placed Riprap (m ²)	195.06	195.06	195.06
E810	Plant Grass till established	66.27	66.27	66.27

MINISTRY OF ROADS AND HIGHWAYS SCHEDULE OF RATES
URBAN ROADS
BASE MONTH: JAN 2024

CODE	DESCRIPTION	RATE PER REGION		
		ASHANTI		
		Kumasi	Bekwai	Mampong
	<i>Class Factor-Urban</i>			
E900.1	Haulage (1-20km)	8.48	8.48	8.48
E900.2	Haulage (20-100km)	7.59	7.59	7.59
E900.3	Haulage (100-250km)	7.32	7.32	7.32
	<i>Class Factor-Urban</i>			
	VEE DRAINS			
K463.1	Excavate vee drains	20.42	20.42	20.42
K463.2	Re-excavate vee drains	9.07	9.07	9.07
K463.3	Excavate vee drains in fused laterite	40.63	40.63	40.63
	<i>Class Factor-Urban</i>			
K493.5	Concrete U-drains(.50x.60x.10m th.)extlly	404.86	397.76	411.96
	CONCRETE U-DRAINS	1.14	1.12	1.16
K493.4	Concrete U-drains(.75x.925x.15m th.)extlly	574.45	564.37	584.53
	STONE PITCHING	1.19	1.17	1.21
E657	Stone Pitching to embankments	464.23	456.43	472.04
X430.1	Pavement Blocks-80mm -40MPa	524.78	515.96	533.60
X430.2	Pavement Blocks-80mm -25MPa	469.64	461.74	477.53
	CONCRETEWORKS	1.21	1.20	1.24
F214	Concrete NS15	1,650.96	1,637.32	1,691.89
F224	Concrete C20/25	1,909.82	1,894.03	1,957.17
F253	Concrete C30/37	2,277.67	2,258.84	2,334.14
F511	Placing concrete in Blinding	471.74	467.84	483.44
F542	Placing concrete in Aprons&Walls	619.65	614.53	635.01
F562	PLACE CONCRETE IN BEAMS	827.44	820.60	847.95
F532	PLACE CONCRETE IN SUSPENDED SLAB	754.78	748.55	773.50
F542	PLACE CONCRETE IN WALLS	801.96	795.33	821.84
F552	PLACE CONCRETE IN COLUMNS AND PIERS	849.13	842.11	870.19
K492.4	Trapezoidal stone-lined Drains(m)	1,099.68	1,090.59	1,126.94
K492.3	Trapezoidal block-lined Drains(m)	711.43	705.55	729.06
F243	Concrete C35/45	2,403.40	2,383.54	2,462.99

MINISTRY OF ROADS AND HIGHWAYS SCHEDULE OF RATES
 URBAN ROADS
 BASE MONTH: JAN 2024

CODE	DESCRIPTION	RATE PER REGION		
		ASHANTI		
		Kumasi	Bekwai	Mampong
	<i>Class Factor-Urban</i>			
	PRECAST CONCRETE	1.37	1.37	1.46
I232	600mm pipes	2,735.71	2,735.71	2,915.42
I242	750mm pipes	3,342.04	3,342.04	3,561.59
I242	900mm pipes	3,951.52	3,951.52	4,211.11
I252	1200mm pipes	5,604.49	5,604.49	5,972.67
I272	1800mm pipes	8,508.00	8,508.00	9,066.92
F263	Concrete C40/50	2,838.49	2,838.49	3,024.96
	BED AND SURROUND	1.18	1.16	1.21
L343.1	Single 600mm pipes	3,864.34	3,798.84	3,962.58
L344.1	Single 900mm pipes	4,210.13	4,138.77	4,317.16
L344.2	Double 900mm pipes	6,635.16	6,522.70	6,803.85
L344.3	Tripple 900mm pipes	10,710.56	10,529.03	10,982.86
L345.1	Single 1200mm pipes	5,054.11	4,968.44	5,182.60
L345.2	Double 1200mm pipes	10,108.21	9,936.88	10,365.20
L345.3	Tripple 1200mm pipes	16,830.17	16,544.91	17,258.06
L347.1	Single 1800mm pipes	8,207.43	8,068.32	8,416.09
L347.2	Double 1800mm pipes	15,372.51	15,111.96	15,763.33
	SLABS & KERBS	1.12	1.10	1.14
H510.1	Precast Conc. Non mountable Kerb(350x.150m)-m	302.13	296.73	307.52
R435	15mX8mX0.3m Concrete Drift(Nr.)	120,022.51	117,879.25	122,165.76
H510	Precast Conc.Slab(.60x.60x.15m)(Nr)	778.56	764.65	792.46

MINISTRY OF ROADS AND HIGHWAYS SCHEDULE OF RATES
 URBAN ROADS
 BASE MONTH: JAN 2024

CODE	DESCRIPTION	RATE PER REGION		
		ASHANTI		
		Kumasi	Bekwai	Mampong
	<i>Class Factor-Urban</i>			
	FORMWORK(TIMBER)	0.98	1.00	1.00
G115	Rough Formwork Horizontal	150.35	153.42	153.42
G125	Rough Formwork Sloping	167.26	170.68	170.68
G145	Rough Formwork Vertical	128.12	130.73	130.73
G215	Fair Formwork Horizontal	186.52	190.33	190.33
G225	Fair Formwork Sloping	202.50	206.63	206.63
G245	Fair Formwork Vertical	155.43	158.61	158.61
	FORMWORK(BRIDGES)			
G145.1	Rough Formwork Vertical	241.81	246.75	246.75
G245.1	Fair Formwork Vertical	281.31	287.05	287.05
G215.1	Fair Formwork Horizontal	348.78	355.90	355.90
	STEEL FORMWORK (BRIDGES & RETAINING WALL)			
G145.1	Rough Formwork Vertical	327.13	333.81	333.81
G245.1	Fair Formwork Vertical	441.12	450.13	450.13
G215.1	Fair Formwork Horizontal	487.43	497.38	497.38
	<i>Class Factor-Urban</i>			
	REINFORCEMENT	1.08	1.08	1.08
G511	6mm diameter	18.93	18.93	18.93
G513	10mm	16.90	16.90	16.90
G514	12mm	16.71	16.71	16.71
G515	16mm	16.71	16.71	16.71
G516	20mm	16.75	16.75	16.75
G517	25mm	18.28	18.28	18.28
	<i>Class Factor-Urban</i>			
	PAVINGS	1.00	1.00	1.00
R113	Gravel Sub-base,100mm thick	10.69	10.69	10.69
R114	Gravel Sub-base,150mm thick	17.72	17.72	17.72
R115	Gravel Sub-base,200mm thick	23.62	23.62	23.62
R124	Gravel Base,150mm thick	19.83	19.83	19.83
R125	Gravel Base,200mm thick	25.85	25.85	25.85
R127	Gravel Base,250mm thick	27.55	27.55	27.55
R125.1	Crused Rock	404.77	404.77	404.77

MINISTRY OF ROADS AND HIGHWAYS SCHEDULE OF RATES
URBAN ROADS
BASE MONTH: JAN 2024

CODE	DESCRIPTION	RATE PER REGION		
		ASHANTI		
		Kumasi	Bekwai	Mampong
R366.1	Pulverisation with cement stabilization	45.92	45.92	45.92
R366.2	Pulverisation with bitumen stabilization	50.79	50.79	50.79
X410.1	Rock filling (m ³)	522.57	522.57	522.57
X420	Rock filled Gabion-matress	-	-	-
X410.2	Rock filled Gabion-box(m ³)			
	<i>Class Factor-Urban</i>			
	SURFACE DRESSING			
		1.01	1.00	1.01
R212	Patch with Premix(sq.m)	663.12	656.56	663.12
R213	Patch with Gravel+Bitumen+Chips	203.86	201.84	203.86
R349.1a	Supply,Design Spray Rate (incl.Adhesive) seal (1.5l/sq.m)	24.82	24.57	24.82
R349.1b	Supply,Design Spray Rate (incl.Adhesive) Primer seal (1.4l/sq.m)	27.09	26.82	27.09
R349.2	Supply,incorporate cutback oil(ATK Kerosine), Priming and Primerseal	27.14	26.87	27.14
R349.4c	Supply, Precoat, Design Spray			
	Rate, incorporate 10mm chippings	1,262.98	1,250.47	1,262.98
R349.4d	Supply, Precoat, Design Spray			
	Rate, incorporate 14mm chippings	1,575.78	1,560.18	1,575.78
R362	Scarify bitumen surface on carriageway, reshape and comapct	5.18	5.13	5.18
R362.1	Scarify bitumen surface on shoulders, reshape and comapct	6.18	6.12	6.18
R349.5a	Cold Bit. Emul,seal (1.7l/sq.m)	23.50	23.27	23.50
R349.5b	Cold Bit. Emul,primerseal(1.5l/m ²)	20.31	20.11	20.31
	<i>Class Factor-Urban</i>			
	U-CULVERTS			
	700x900mm			
		1.21	1.20	1.24
K673.1	Barrel	6,042.51	5,992.57	6,192.33
K979.1	Catchpit Structure	5,911.61	5,862.75	6,058.18
K979.2	Outlet Structure	6,861.88	6,805.17	7,032.01
	900x1200mm			
K673.2	Barrel	7,092.37	7,033.76	7,268.22
K979.3	Inlet or Outlet Structure	8,243.55	8,175.42	8,447.94

MINISTRY OF ROADS AND HIGHWAYS SCHEDULE OF RATES
URBAN ROADS
BASE MONTH: JAN 2024

CODE	DESCRIPTION	RATE PER REGION		
		ASHANTI		
		Kumasi	Bekwai	Mampong
	<u>1250x1800mm</u>	-	-	-
K673.3	Barrel	12,035.53	11,936.06	12,333.93
K979.4	Inlet or Outlet Structure	26,859.22	26,637.24	27,525.15
	<u>1800x1800mm</u>	-	-	-
K673.4	Barrel	21,361.81	21,185.27	21,891.45
K979.5	Inlet or Outlet Structure	26,521.69	26,302.50	27,179.25
	<u>1200x1200mm</u>	-	-	-
K673.5	Barrel	9,432.86	9,354.90	9,666.73
K979.6	Inlet or Outlet Structure	11,007.35	10,916.38	11,280.26
	<u>Double 700x900mm</u>	-	-	-
K673.1	Barrel	10,876.52	10,786.63	11,146.19
K979.1	Catchpit Structure	10,640.89	10,552.95	10,904.72
K979.2	Outlet Structure	12,351.38	12,249.30	12,657.61
	<u>Double 900x1200mm</u>	-	-	-
K673.2	Barrel	12,766.27	12,660.77	13,082.79
K979.3	Inlet or Outlet Structure	14,838.39	14,715.76	15,206.29
	<u>Double 1250x1800mm</u>	-	-	-
K673.3	Barrel	21,663.96	21,484.92	22,201.08
K979.4	Inlet or Outlet Structure	48,346.59	47,947.04	49,545.27
	<u>Double 1800x1800mm</u>	-	-	-
K673.4	Barrel	38,451.27	38,133.49	39,404.60
K979.5	Inlet or Outlet Structure	47,739.04	47,344.50	48,922.65
	<u>Double 1200x1200mm</u>	-	-	-
K673.5	Barrel	16,979.14	16,838.82	17,400.11
K979.6	Inlet or Outlet Structure	19,813.23	19,649.48	20,304.46
		-	-	-

MINISTRY OF ROADS AND HIGHWAYS SCHEDULE OF RATES
 URBAN ROADS
 BASE MONTH: JAN 2024

CODE	DESCRIPTION	RATE PER REGION		
		ASHANTI		
		Kumasi	Bekwai	Mampong
	<u>Tripple 700x900mm</u>	-	-	-
K673.1	Barrel	16,919.03	16,779.20	17,338.51
K979.1	Catchpit Structure	16,552.50	16,415.70	16,962.89
K979.2	Outlet Structure	19,213.25	19,054.47	19,689.61
	<u>Tripple 900x1200mm</u>	-	-	-
K673.2	Barrel	19,858.65	19,694.53	20,351.01
K979.3	Inlet or Outlet Structure	23,081.94	22,891.18	23,654.22
	<u>Tripple 1250x1800mm</u>	-	-	-
K673.3	Barrel	33,699.49	33,420.98	34,535.01
K979.4	Inlet or Outlet Structure	75,205.81	74,584.28	77,070.42
	<u>Tripple 1800x1800mm</u>	-	-	-
K673.4	Barrel	59,813.08	59,318.76	61,296.05
K979.5	Inlet or Outlet Structure	74,260.73	73,647.00	76,101.90
	<u>Tripple 1200x1200mm</u>	-	-	-
K673.5	Barrel	26,412.00	26,193.72	27,066.84
K979.6	Inlet or Outlet Structure	30,820.57	30,565.86	31,584.72
	<u>Class Factor-Urban</u>			
	VARIOUS SIZES OF U-DRAIN			
		1.14	1.12	1.16
	450x450(internally)x150mm thick	998.99	981.46	1,016.52
	450x600(internally)x150mm thick	1,196.85	1,175.85	1,217.85
	450x500(internally)x100mm thick	839.13	824.41	853.85
	600x600(internally)x150mm thick	1,389.04	1,364.67	1,413.41
	600x600(internally)x200mm thick	1,675.68	1,646.28	1,705.07
	600x900(internally)x200mm thick	2,164.84	2,126.86	2,202.82
	600x1000(internally)x200mm thick	2,327.90	2,287.06	2,368.74
	700x900(internally)x200mm thick	2,334.70	2,293.74	2,375.66
	700x900(internally)x150mm thick	1,937.73	1,903.73	1,971.72
	900x900(internally)x150mm thick	2,217.32	2,178.42	2,256.22
	900x900(internally)x200mm thick	2,674.42	2,627.50	2,721.34
	900x1200(internally)x200mm thick	3,189.93	3,133.97	3,245.90
	950x550(internally)x150mm thick	1,774.32	1,743.20	1,805.45
	1250x1800(internally)x200mm thick	4,907.67	4,821.57	4,993.77
	750x650(internally)x150mm thick	1,655.91	1,626.86	1,684.96
	900x750(internally)x150mm thick	1,999.71	1,964.62	2,034.79
	900x850(internally)x150mm thick	2,144.78	2,107.16	2,182.41
	450x450(internally)x150mm thick in Rock	998.99	981.46	1,016.52

MINISTRY OF ROADS AND HIGHWAYS SCHEDULE OF RATES
 URBAN ROADS
 BASE MONTH: JAN 2024

CODE	DESCRIPTION	RATE PER REGION		
		ASHANTI		
		Kumasi	Bekwai	Mampong
	<u>Class Factor-Urban</u>			
	STORM DRAINS			
	2000x1500(internally)x300mm thick	11,587.44	11,384.15	11,790.73
	2000x1000(internally)x200mm thick	8,370.87	8,224.01	8,517.73
	1500x1000(internally)x200mm thick	7,598.68	7,465.37	7,731.99
	1200x1200(internally)x200mm thick	7,569.62	7,436.82	7,702.42
	SPEED HUMP-Pavement Blocks (40MPa)	28,407.29	27,908.92	28,905.66
	SPEED HUMP-Concrete (30/20)	20,316.67	19,960.24	20,673.10
	SPEED HUMP-Asphalt (80mmthick)	111,789.09	109,827.88	113,750.30
	<u>Class Factor-Urban</u>			
	LINE MARKING	1.01	1.00	1.01
R824.1	Provide and apply tropicalized white reflective thermopalstic road marking paint intermittent line marking 120mm wide lane separation	58.62	58.04	58.62
R824.2	Provide and apply tropicalized white reflective thermopalstic road marking paint continuous line marking 120mm wide lane separation	55.83	55.27	55.83
R824.3	Ditto 300mm wide continous "STOP" line ditto.	426.56	422.33	426.56
R825.1	Provide and apply tropicalized white reflective thermopalstic road marking paint intermittent centre line marking 120mm wide	55.83	55.27	55.83
R825.2	Provide and apply tropicalized white reflective thermopalstic road marking paint continuous edge line marking 150mm wide	61.01	60.41	61.01
R825.3	Provide and apply tropicalized white reflective thermopalstic road marking paint intermittent pedestrian crossing strips wide line marking 300mm	426.56	422.33	426.56
	ALPHALTIC CONCRETE PAVING	1.01	1.00	1.01
R322.1	Aphaltic Concrete binding course AC20, per cu.m	3,557.90	3,522.67	3,557.90
R322.2	Aphaltic Concrete wearing course AC20, per cu.m	3,794.39	3,756.82	3,794.39
R322.3	Aphaltic Concrete binding course PG, per cu.m	3,957.97	3,918.78	3,957.97
R322.4	Aphaltic Concrete wearing course PG, per cu.m	4,220.00	4,178.22	4,220.00
R363	Mill existing asphaltc concrete, depth not exceeding 70mm thick, load and dispose per sq.m	26.48	26.21	26.48

MINISTRY OF ROADS AND HIGHWAYS SCHEDULE OF RATES
URBAN ROADS
BASE MONTH: JAN 2024

CODE	DESCRIPTION	RATE PER REGION		
		ASHANTI		
		Kumasi	Bekwai	Mampong
	<i>Class Factor-Urban</i>			
	ROAD SIGNS	1.08	1.08	1.08
R812.1	Provide and install 720 mm diameter circular single pole	1,997.39	1,997.39	1,997.39
R812.2	Provide and install 900 mm diameter circular single pole	2,166.57	2,166.57	2,166.57
R811.1	Provide and install 720 mm triangular single pole	1,412.15	1,412.15	1,412.15
R811.2	Provide and install 900 mm triangular single pole	1,576.24	1,576.24	1,576.24
R812.3	Provide and install 720 mm diameter circular double plate single pole	3,129.15	3,129.15	3,129.15
R812.4	Provide and install 900 mm diameter circular double plate single pole	3,467.52	3,467.52	3,467.52
R811.3	Provide and install 720 mm triangular double plate single pole	2,054.21	2,054.21	2,054.21
R811.4	Provide and install 900 mm triangular single pole double plate single pole	2,382.40	2,382.40	2,382.40
	CRUSH BARRIER & GUARD RAIL			
X181.1	Excavate for, provide and install complete as detailed in the Specification, aluminium pedestrian crush barrier comprising assembled panels and posts bolted together and fixed in place 4m interval spacing of post	898.62	898.62	898.62
X181.2	Excavate for, provide and install complete as detailed in the Specification, aluminium pedestrian crush barrier comprising assembled panels and posts bolted together and fixed in place 2m interval spacing of post	1,274.22	1,274.22	1,274.22
X181.3	Excavate for, provide and install complete as detailed in the Specification, aluminium pedestrian crush barrier comprising assembled panels and posts bolted together and fixed in place 1m interval spacing of post	2,038.77	2,038.77	2,038.77
	<i>Class Factor-Urban</i>			
	REINFORCEMENT (DEFORMED HIGH YIELD STEEL)	1.08	1.08	1.08
G521	6mm diameter	24.97	24.97	24.97
G523	10mm	23.49	23.49	23.49
G524	12mm	22.91	22.91	22.91
G525	16mm	22.91	22.91	22.91
G526	20mm	22.91	22.91	22.91
G527	25mm	23.63	23.63	23.63