

Unit cost per Kilometre for BT Road works for the year 2022-23

Sl. No.	Description	Provisions	Tentative cost per Km(Rupees in lakhs)
Roads with less than 2msa traffic - 3.75m width - excluding CD & Protective works			
1	Renewal BT(PCSC)	(EW + 50mm BT patches + TC 3kg +PCSC+Gr.shoulder)	18.92
2	BT(PCSC) OVER WBM	(EW+TC 4kg +PCSC+Gr.shoulder)	18.76
3	Single layer WBM & BT(PCSC)	(EW+ WBM III + TC 4kg +PCSC+Gr.shoulder)	28.80
4	Two layer WBM & BT(PCSC)	(EW+ WBM II + WBM III + TC 4kg +PCSC+Gr.shoulder)	40.20
5	GSB &Two layer WBM & BT(PCSC)	(EW+ GSB III + WBM II + WBM III + TC 4kg +PCSC+Gr.shoulder)	52.90
6	150 mm thick WMM & BT(PCSC)	(EW+ 150 mm WMM + PC 7kg + TC 2.5 kg +PCSC+Gr.shoulder)	38.78
7	150 mm thick WMM & BM & BT(PCSC)	(EW+ 150 mm WMM + PC 7kg + TC 2.5 kg +50mm BM + PCSC+Gr.shoulder)	58.17
8	Two layer WBM & BM & BT(PCSC)	(EW+ WBM II + WBM III + TC 4kg + 50mm BM + PCSC+Gr.shoulder)	59.59
Roads with more than 2msa- 10msa traffic - 3.75m width - excluding CD & Protective works			
9	150 mm thick WMM & DBM & BC	(EW+ 150 mm WMM + PC 7kg + TC 2.5 kg + 50mm DBM+ 30mm BC+Gr.shoulder)	63.31
10	GSB+ 150 mm thick WMM & DBM & BC	(EW+ 200mm GSB I + 150 mm WMM + PC 7kg + TC 2.5 kg + 50mm DBM+ 30mm BC+Gr.shoulder)	80.68
11	150 mm thick WMM & DBM & BC	(EW+ 150 mm WMM + PC 7kg + TC 2.5 kg + 50mm DBM+ 40mm BC+Gr.shoulder)	68.24
12	GSB+ 150 mm thick WMM & DBM & BC	(EW+ 200mm GSB I 150 mm WMM + PC 7kg + TC 2.5 kg + 50 mmDBM+ 40 mm BC+Gr.shoulder)	85.62

Unit cost per Kilometre for CC Road works for the year 2022-23

Sl.No.	Description	Provisions	Tentative cost per Km(Rupees in lakhs)
1 CC Pavement for internal streets (without Drain)			
(i)	3.75m Carriage Way , 6.00 m Roadway	(EW+100mm Sand Filling+ 100 mm CC 1:4:8 + 75mmCC 1:1.5:3 + Corewall + Gravel shoulder	71.00
(ii)	3.00m Carriage Way , 6.00 m Roadway	(EW+ 100mm Sand Filling + 100 mCC 1:4:8 m + 75mmCC 1:1.5:3 + Corewall + Gravel shoulder	60.78
2 CC Pavement for internal streets (with bothsides Drain)			
(i)	3.75m Carriage Way , 6.00 m Roadway	(EW+100mm Sand Filling+ 100 mmCC 1:4:8 + 75mm CC 1:1.5:3 +Bothside side drains with cover slab + Gravel shoulder	150.65
(ii)	3.00m Carriage Way , 6.00 m Roadway	(EW+100mm Sand Filling + 100 mm CC 1:4:8 + 75mm CC 1:1.5:3 +Bothside side drains with cover slab + Gravel shoulder	143.84
3 CC Pavement for PU/VP Roads (with out Drain)			
(i)	3.75m Carriage Way , 7.50 m Roadway	(Ew for earthern drain +100mm GSB I + 150mm WBM III + 200mm CC M30 + Gravel shoulders)	99.38
(ii)	3.00m Carriage Way , 6.00 m Roadway	(Ew for earthern drain + 100mm GSB I + 150mm WBM III + 200mm CC M30 + Gravel shoulder)	79.66
4 CC Pavement for PU/VP Roads (with bothsides Drain)			
(i)	3.75m width, 5.70 m Roadway	(Ew for side drain + 100mmGSB I + 150mm WBM III + 200mm CC M30 +Bothside side drains with cover slab + Gravel shoulder)	192.22
(ii)	3.00m width, 5.00 m Roadway	(Ew for side drain + 100mm GSB I + 150mm WBM III +200mm CC M30 +Bothside side drains with cover slab + Gravel shoulder)	172.77

Note :The actual estimate cost may be lower or higher than the unit cost as per the lead and site condition