

**Himachal Pradesh
Public Works Department**

No.:- PW (R) 123 – Maintenance (Plan)-WS-

1865-85

Dated:- 22/1/2021

From:-

Engineer-in-Chief,
HPPWD Shimla-2

To

The Engineer-in-Chief (Project),
HPPWD Shimla-02

All the Zonal Chief Engineers
In HPPWD (i/c NH, PMGSY & HPRIDC)

All the Superintending Engineers
In HPPWD

All the Executive Engineers
In HPPWD

Subject:- Yard Stick Rates For Road Works.

In supersession to this office letter No. PW(R) 123- Maintenance (Plan)-WS-9180-9279 dated 30-10-2008 on the subject cited above; the yard stick rates for road works are hereby revised as under which will be applicable w.e.f. 01.02.2021 in HPPWD. The revision has been made due to substantial escalation in prices of materials and hike in labour rates since October, 2008.

Revised Yard Stick rates for road works per Km. w.e.f. 01-02-2021:-

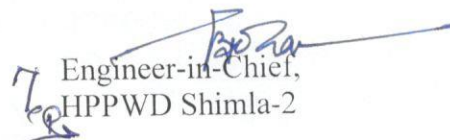
Sr. No.	Description	Plain Area (in lac)	Sub Mountainous area (in lac)	General Mountainous area (in lac)	Hard/Tribal area (in lac)
1	Road Widening				
(i)	1.00 m wide track	0.73	1.10	1.48	1.83
(ii)	2.75/5.00 m wide jeepable road	4.13	7.39	11.52	15.65
(iii)	5/7 m wide single lane road	10.43	19.35	28.68	39.10
(iv)	7/10 m wide double lane road	17.82	36.50	57.35	-
2	Cross Drainage works				
(i)	5/7 m wide single lane road	11.81	11.81	12.41	12.79
(ii)	7/10 m wide double lane road	16.14	16.14	16.72	17.12
3	Metalling and Tarring				
(i)	GSB 150mm thick	9.65	9.81	10.27	10.62
(ii)	P/L Kharanja stone soling 150 mm thick	7.38	7.51	7.86	8.12
(iii)	WBM Gr.-I (90-45 mm size) 100mm thick	8.16	8.29	8.68	8.97
(iv)	WMM 150mm thick	11.61	11.80	12.35	12.76
(v)	WBM Gr.-II (63-45 mm size) 75mm thick	6.22	6.32	6.62	6.84
(vi)	WBM Gr.-III (53-22.4 mm size) 75mm thick	6.29	6.39	6.69	6.91
(vii)	20 mm premix carpet (tarring) with seal coat	9.58	9.74	10.19	10.53

P.T.O.

Sr. No.	Description	Plain Area (in lac)	Sub Mountainous area (in lac)	General Mountainous area (in lac)	Hard/Tribal area (in lac)
(viii)	Mix Seal Surfacing 20mm (tarring)	8.90	9.05	9.47	9.79
(ix)	Mix Seal Surfacing 25mm (tarring)	10.55	10.72	11.22	11.60
(x)	Bituminous concrete 30mm thick (tarring)	12.19	12.39	12.97	13.41
(xi)	Bituminous Macadam 50mm thick	14.63	14.87	15.57	16.09
(xii)	Road side drain (V-shape in C.C.1:3:6)	3.83	3.90	4.08	4.22
(xiii)	Parapets(essential) 100 no./km in C.C. 1:4:8)	2.07	2.10	2.20	2.27
(xiv)	W- Beam (single) metal crash barrier (300m/ km.)	9.13	9.28	9.71	10.04
(xv)	Road signage and Km stone etc.	0.30	0.31	0.32	0.33
(xvi)	Road marking (with hot applied thermoplastic compound 2.5mm thick)	0.71	0.73	0.76	0.79
(xvii)	Dumping site (by C/o wire crates 100x100mm mesh grid)	0.25	1.25	2.50	2.58

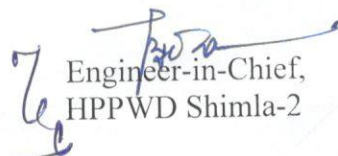
Notes :-

1. The above yard stick rates are the ceiling rates. If lesser rates are felt for any work w.r.t. terrain/topography of the area, the same may be applied in the preliminary estimate.
2. These yard stick rates only provide the guidelines for preparation of preliminary estimates for the purpose of obtaining A/A&E/S. Subsequent sanctions will, however, be based on detailed estimates.
3. The yard stick rates for plain areas may be proposed for roads which are to traverse a terrain with cross slope less than 10%.
4. The yard stick rates for sub mountainous area be proposed for roads which are to traverse in an area with a cross slope between 10% to 25%.
5. The yard stick rates for general mountainous area be proposed for roads which are to traverse in an area with a cross slope ranging between 25% to 60%.
6. For any increase/decrease in width/depth of carriage way or any variation in other items as per site requirement, the rates shall be applied proportionately.
7. The rates @ 5% may be enhanced for each financial year by taking the base year 2021-22 till further revision of these rates.


Engineer-in-Chief,
HPPWD Shimla-2

Copy to :-

1. The Principal Secretary (PW) to the Govt. of Himachal Pradesh Shimla-2 for information please.
2. The Executive Engineer (IT) in this office for information and with the direction to upload the same on the official website of the department.


Engineer-in-Chief,
HPPWD Shimla-2