



# White Topping on Selected Roads in Bangalore City under Phase-2, Package-3

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Bruhat Bengaluru Mahanagara Palike



### **PROJECT DETAILS**

Name of Work:	:	White Topping of selected roads in Bengaluru city under Phase-2 Package-3
Contract Price:	:	Rs. 140.47 Crores
Name of the Agency:	:	M/s. JMC Constructions Pvt. Ltd.
Work Order No. & Date:	:	EE/PC-2/WO/09/2018-19 Dated: 09.01.2019
Name of PMC	:	RBI Technical Services
Probable Date of Completion	:	08.01.2021
Physical Progress	:	69.00%
Financial Progress	:	58.21%
Contract Period	:	15 Months
Defect Liability Period	:	24 Months
Maintenance Period	:	36 Months

### **ROADS DETAILS**

1	Jayanagar shopping Complex surrounding Road.	0.87 km
2	East end Road from Tilak nagar Main Road to IRR.	0.85 Km
3	5th cross Koramangala, and 7th cross from ORR to Wipro Park.	1.83 Km
4	29th Main road BTM Layout from Bannerghatta main road to ORR	1.81 Km
5	Sarjapura road from 100ft road koramangala to ORR	1.85 Km
6	Koramangala 80ft. Road from Storm water Drain to Sarjapura Road	1.60 Km
7	1st cross Empire Road Koramangala 5th Block	0.72 Km
<b>Total Length</b>		<b>9.53 Km</b>

## **Brief Details of the Project**

Bruhat Bengaluru Mahanagara Palike has proposed to take up the White Topping on Selected Roads in Bengaluru City under Special Infrastructure Projects Grants. The Asphalted or Blacktopping roads found commonly in the city of Bengaluru have an expected life span of 5 years. The arterial roads which have been maintained by BBMP were in need of maintenance/ rehabilitation due to wear and tear from heavy traffic during peak hours. Also, drainage is also the major cause of concern in rainy season which is affecting the life of pavement in terms of structural failure. Hence in order to overcome the failure, the white topping is the suitable proposal without disturbing the overall pavement structure.

Hence to prevent the formation of potholes and to provide roads offering better ridability, major roads need to be White Topped. The White topping roads are expected to last up to 15-20 years. White topping is a cement concrete overlay on an existing bituminous pavement.



## SCOPE OF THE PROJECT

1	Carriageway improvement	:	Providing of White Topping with M40 Grade Concrete.
2	Buffer / Parking Zone	:	100mm heavy duty cobble stone with necessary width if required in any roads.
3	Footpath	:	60mm heavy duty cobble stone, min of 1.5m to 2.5m width including Drain.
4	RCC Drain	:	Construction of RCC Drains Both sides and De-Silting of Drains in some roads.
5	Culverts	:	Necessary No's as per site conditions.
6	HDPE Pipe	:	Necessary No's as per request from BESCO and OFC.
7	Cross - Duct	:	Necessary No's as per request from BESCO and BWSSB.
8	Traffic Appurtenances	:	Lane Marking, Sign Boards, Road Studs and Fixed medians.
9	Electrical	:	LED lighting along with poles as per provision made in Estimates.
10	Other Provision	:	Tree pits, Rain Water Harvesting Pits, Bus Bays and Parking Bays.