

AT FREEWAY

COMPARISON OF ESTIMATED CONSTRUCTION COSTS OF HEAVY DUTY PAVEMENTS

Assumptions

- 1 The cost of SMZ is not included as it is regarded as same for all pavements
- 2 The pavement designs are for identical traffic loading

Note: The concrete pavement costs include all activities like curing, jointing, texturing, anchors etc.

Ser	Pavement layer	Unit Costs \$	Unit Rate \$	250 PCP \$	250 PCP + 40 OGA \$	230 CRCP \$	230 CRCP+ 40 OGA \$	175 DSA on 220 LMC \$	175 DSA + 30 OGA on 220 LMC \$	280 DSA + 30 OGA on 200 CTCR \$	350 DLA \$	350 DLA+ 30 OGA \$
1	30 OGA	165/t	330/m3						9.90	9.90		9.90
2	40 OGA	165/t	330/m3		13.20		13.20					
3	Seal		4/m2						4.00	4.00	4.00	4.00
4	230 CRCP		380/m3			74.00	74.00					
5	250 PCP		258/m3	65.00	65.00							
6	175 DSA	125/t	300/m3					52.50	52.50			
7	280 DSA	120/t	288/m3							80.60		
8	Primer seal		2/m2		2.00		2.00	2.00	2.00	2.00		
9	150 LMC		161/m3	25.00	25.00	25.00	25.00					
10	220 LMC		161/m3					35.40	35.40			
11	200 CTCR	33/t	72/m3							14.40		
12	350 DLA	120/t	288/m3								100.80	100.80
	TOTAL/m2			91.00	105.20	99.00	114.20	89.90	103.80	110.90	104.80	114.70
Ranking of construction costs				2	6	3	8	1	4	7	5	9