



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

**National Highways Authority of India**  
(Ministry of Road Transport & Highways)

क्षेत्रीय कार्यालय, ओडिशा /Regional Office, Odisha

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NHAI/12011/19-20/Toll Revision/RO/OD/648 /2019

25.03.2019

To

The Project Director,  
National Highways Authority of India,  
Project Implementation Unit,  
Bhubaneswar

**Sub:** Revision of user fee rate for 2019-2020 in respect of **Manguli** Fee Plaza at km 34.624 for the section from Chandikhole-Jagatpur-Bhubaneswar from Km 413.000 to km 418.000 and Km 0.000 to Km 62.000 including Mahanadi bridge on NH-5 in the state of Odisha w.e.f.01.04.2019 – reg.

Sir,

The approved revised user fee rates for Fee Plaza at km 34.624 for the section from Chandikhole-Jagatpur-Bhubaneswar from Km 413.000 to km 418.000 and Km 0.000 to Km 62.000 including Mahanadi bridge on NH-5 in the state of Odisha to be applicable w.e.f. 01.04.2019 to 31.03.2020 are as under :

(In Rs.)

Category of vehicles	Fee for single journey	Fee for return journey within a day	Fee for monthly pass for 50 single journeys in a month
Car, Jeep, Van or Light Motor Vehicle	115	175	3835
Light Commercial Vehicle, Light Goods Vehicle or Mini Bus	180	270	6045
Bus or Truck	375	560	12465
Heavy Construction Machinery (HCM) or Earth Moving Equipment (EME) or Multi Axle Vehicle( MAV) (three to six axles)	575	865	19245
Oversized Vehicles ( Seven or more axles )	725	1085	24165

2. The rates for monthly pass applicable for local personal vehicle shall be Rs. 265/- for the year 2019-20.

3. It is further to clarify that, as per user fee notification, the concessionaire shall issue 50 or more one way tickets at a discounted rate equivalent to 2/3<sup>rd</sup> of the fee payable during the period of one month from the date of payment of fee. The amount indicated above for monthly pass for 50 trips. However, if any person asks more than 50 trips during a period of one month the concessionaire shall be required to issue such tickets at a discounted rate as above (i.e. if 60 trips are asked in a month by any person for a car the amount is 60 x 115.09 /- ( pre- rounded fee for single trip) x 2/3 = 4603.60/- rounded Rs.4605/- ).Necessary action may please be taken accordingly.

4. Detailed calculation sheet (Annexure-A & B) is also enclosed herewith for your information. If there is any discrepancy observed in the detailed calculation, the same may be informed to this office immediately, before implementation.

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5. It may please be confirmed after its implementation and copy of advertisement for commencement of revised user fee may also be provided to RO, Odisha.

6. The remittance payable by the user fee collecting agency shall be revised as per agreement and informed to user fee collecting agency endorsing a copy to RO, Odisha as well as CO Division, NHAI HQ.

This is issued with the approval of Competent Authority.

Encl.: As above

Yours faithfully,

  
(A.K. Ray)

**General Manager (Tech.)**

Copy for information to the General Manager (CO-II), NHAI, HQ, New Delhi.

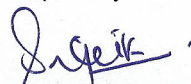
Calculation of fee amount to be charged from road users of NH 5 for the section from Bhubaneswar- Jagatpur-Chandikhole from Km 413.00 - Km 418.00 & Km 0.00 - Km 62.00 in the State of Odisha

(Applicable as per Fee Rules, 2008)

Manguli Toll Plaza at Km.34.624, total length 67.000 Kms including Mahanadi Bridge (L=2253m) costing Rs. 102.53 crore		For the year 2019-20						
Sl. No	Particulars	Formula	Car/Jeep/Van	LCV	Truck/ Bus	HCM / EME / MAV (3-6 axles)	Oversized (7 or more axles)	Monthly Pass
1	Base rates	A	0.65	1.05	2.20	3.45	4.20	150
2	Fixed increase (12*3%) (Rs/Km)	B= A * 36%	0.234	0.378	0.792	1.242	1.512	54
3	Revised base rates	C= A+B	0.884	1.428	2.992	4.692	5.712	204
4	<b>Variable increase</b>							
5	WPI as on 06.01.07	D	208.7	208.7	208.7	208.7	208.7	208.7
6	WPI for Dec - 18 (119.7 x 1.873 x 1.641 = <b>367.9091</b> )	E	367.909	367.909	367.909	367.909	367.909	367.909
7	40% of increase in WPI (As % of revised base rates)	F=(E-D)/D*0.4	0.3051	0.3051	0.3051	0.3051	0.3051	0.3051
8	Increase in base rates due to change in WPI	G=C* F	0.2697	0.4357	0.9130	1.4317	1.7430	62.2495
9	Revised base rates	H = C + G	1.1537	1.8637	3.9050	6.1237	7.4550	266.2495
10	Length in Kms	I	67.000	67.000	67.000	67.000	67.000	
11	Less length of Mahanadi Bridge ( Estimated Cost Rs. <b>102.53 Crores, 2.25 km</b> )	J	2.250	2.250	2.250	2.250	2.250	
12	Net Length	K= I -J	64.750	64.75	64.75	64.75	64.75	
13	Prerounded fee for single trip	L = H *K	74.71	120.68	252.85	396.51	482.71	
14	Fee for the bridge as per fee rules.	Separate Sheet Enclosed at Annexure-B	8.875+(17 * 1.775+1.3312)	13.3125+(17 * 2.6625+2.0412)	26.6249+(17 * 5.3250+3.9937)	39.0499+(17 * 7.9875+6.0350)	53.2499+(17 * 10.6500+7.9875)	
15	Fee for the bridge as per fee rules.	M	40.38	60.62	121.14	180.87	242.29	
16	Total Prerounded fee for single trip for the stretch	N= L + M	115.09	181.29	373.99	577.38	725.00	
17	Rounded off fee for single trip	O	<b>115</b>	<b>180</b>	<b>375</b>	<b>575</b>	<b>725</b>	<b>265</b>
18	Prerounded fee for return trip	P= N* 1.50	172.63	271.94	560.99	866.08	1087.50	
19	Rounded off fee for return trips	Q	<b>175</b>	<b>270</b>	<b>560</b>	<b>865</b>	<b>1085</b>	
20	Prerounded fee for monthly pass for 50 trips	R = N *50*2/3	3836.21	6043.13	12466.39	19246.15	24166.59	
21	Rounded off fee for monthly pass valid for 50 single trips	S	<b>3835</b>	<b>6045</b>	<b>12465</b>	<b>19245</b>	<b>24165</b>	

Note:- The above rates have been calculated as per the existing fee notification S.O. no. 2421(E) dt. 19.10.2011

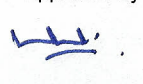
Prepared by

  
(S.K.Barik)  
Jr.Accounts Officer

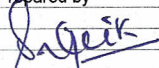
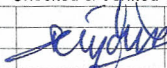

Checked & Verified by

  
(A.K.Ray)  
GM(Tech)

Approved by

  
(Dr. Ram Prasad Panda)  
CGM (Tech.) &RO

## Base rate calculation for Bridge/ Tunnel / Bypass as per fee Rules 2008

Particulars	For the year 2018-19				
	Formula	Rs 10- 15 Crores	For every additional Rs 5 Crores or part thereof upto 100 crore	For every additional Rs 5 Crores or part thereof for above 100 crores & upto 200 crore	For every additional Rs 5 Crores or part thereof for above 200 crore
<b>Variable increase</b>					
WPI as on 06.01.07	A	208.7	208.7	208.7	208.7
<b>WPI for the month of Dec 18</b>	$B=(119.7^{*1.873^{*1.641}})$	367.909	367.909	367.909	367.909
40% of increase in WPI ( As % of revised base rates)	$C=(B-A)/A*0.4$	0.3051	0.3051	0.3051	0.3051
<b>For Car / Jeep/ Van</b>					
Base rates	D	5	1	0.75	0.5
Fixed increase ( 12*3%)	$E= D *36\%$	1.800	0.360	0.270	0.180
Revised base rates	$F= D+E$	6.8	1.36	1.02	0.68
Increase in base rates due to change in WPI	$G=F* C$	2.0750	0.4150	0.3112	0.2075
Revised base rates	$H = F + G$	<b>8.8750</b>	<b>1.7750</b>	<b>1.3312</b>	<b>0.8875</b>
<b>For LCV/ Mini bus</b>					
Base rates	D	7.5	1.5	1.15	0.75
Fixed increase ( 12*3%)	$E= D *36\%$	2.700	0.540	0.414	0.270
Revised base rates	$F= D+E$	10.2	2.04	1.564	1.02
Increase in base rates due to change in WPI	$G=F* C$	3.1125	0.6225	0.4772	0.3112
Revised base rates	$H = F + G$	<b>13.3125</b>	<b>2.6625</b>	<b>2.0412</b>	<b>1.3312</b>
<b>For Truck / Bus</b>					
Base rates	D	15	3	2.25	1.5
Fixed increase ( 12*3%)	$E= D *36\%$	5.400	1.080	0.810	0.540
Revised base rates	$F= D+E$	20.4	4.08	3.06	2.04
Increase in base rates due to change in WPI	$G=F* C$	6.2249	1.2450	0.9337	0.6225
Revised base rates	$H = F + G$	<b>26.6249</b>	<b>5.3250</b>	<b>3.9937</b>	<b>2.6625</b>
<b>For HCM/ EME/ MAV ( 3- 6 axle)</b>					
Base rates	D	22	4.5	3.4	2.25
Fixed increase ( 12*3%)	$E= D *36\%$	7.920	1.620	1.224	0.810
Revised base rates	$F= D+E$	29.92	6.12	4.624	3.06
Increase in base rates due to change in WPI	$G=F* C$	9.1299	1.8675	1.4110	0.9337
Revised base rates	$H = F + G$	<b>39.0499</b>	<b>7.9875</b>	<b>6.0350</b>	<b>3.9937</b>
<b>For Oversized vehicles</b>					
Base rates	D	30	6	4.5	3
Fixed increase ( 12*3%)	$E= D *36\%$	10.800	2.160	1.620	1.080
Revised base rates	$F= D+E$	40.8	8.16	6.12	4.08
Increase in base rates due to change in WPI	$G=F* C$	12.4499	2.4900	1.8675	1.2450
Revised base rates	$H = F + G$	<b>53.2499</b>	<b>10.6500</b>	<b>7.9875</b>	<b>5.3250</b>
Prepared by		Checked & Verified by		Approved by	
					
(S.K.Barik) Jr.Accounts Officer		(A.K.Ray) GM(Tech)		(Dr.Ram Prasad Panda) CGM (Tech.) &RO	