

**COST BENEFIT ANALYSIS (NH-78 Katni-Umaria-Shahdol-Anuppur Road) Umaria to Shahdol Pkg- I & II**  
**PARAMETERS FOR EVALUATION OF LOSS OF FORESTS AS PER MOEF GUIDELINES**

SL. No	Parameters	Remarks
1.	Loss of value of timber, fuel wood and minor Forest produce on an annual basis, including loss of man-hours per annum of people who derived livelihood and wages from the harvest of these commodities.	To be filled by Forest Department.
2	Loss of animal husbandry productivity, including loss of fodder	The land proposed for diversion of forest land in forest area (NH-78) notified as Reserve Forest area No other activity is carried out by locals; therefore no loss of animal husbandry productivity including loss or fodder will take place.
3	Cost of human resettlement	No, resettlement is involved in land Proposed for diversion in Forest Areas.
4	Loss of public facilities and administrative infrastructure (Roads, building, school, dispensaries, electric lines, railways etc.). On forest land, or which would require forest land if these facilities were diverted due to the project.	No, loss of public facilities is involved in the Proposed Project
5	Environmental losses: (soil erosion, effect on Hydrological cycle, wildlife habitat, microclimate upsetting. Of ecological balance).	The project is linear and forest area proposed for diversion is Village side so no major activity by wild animals and environmental losses are anticipated except tree felling.
6	Suffering to oustees.	Not Applicable

**PARAMETERS FOR EVALUATION OF BENEFIT, NOTWITHSTANDING LOSS OF FOREST**

Nature of Proposal		
SL. No	Parameters	Remarks
1	Increase in productivity attributable to the specific project.	The proposed project will create infrastructure which will provide fully access controlled uninterrupted free flow of traffic between Katni to Shandol and goes to Chattisgarh The project will result in fast economic growth to the region as it will connect commercial capital of Madhya Pradesh and industrial town of Katni I apart from providing connectivity to the Airport of Jabalpur and Chattisgarh Border Connectivity.
2	Benefit to economy	The Katni to Shandol 2-Lane with paved shoulder Highway will provide uninterrupted free flow of traffic and shall result in (1) Saving in Travel time & Cost (2) Saving in foreign exchange due to less Consumption of fuel. (3) Increase in income of truck, bus, taxi etc. Owners as they will be able to communicate maximum distance in short time.

		(4) Reduction in accidents as it will provide safe travel, (5) Will act as catalyst to the industrial Development (6) Local and foreign Tourist will increase
3	No. of population benefited.	Population of Katni distt, Umaria Distt, Anoopur Distt., Shandol Distt. will be benefited also another side also villages which are connected to NH-78 will be benefited
4	Employment Potential	Direct and indirect employment will be generated during construction and after construction Period.
5	Cost of acquisition of facility on nonforest land wherever feasible	
6	Loss of (a) agriculture & (b) animal husbandry production due to diversion of forest land.	The land proposed for diversion of forest land for development of Katni-Umaria-Shahdol 2-lane with paved shoulder road and the area which is notified as Reserved Forest There is no loss of agriculture and animal husbandry production due to diversion of forest land.
7	Cost of rehabilitating the displaced persons as different from compensatory amounts given for displacement	No, displacement of people is involved from forest area proposed for diversion for development of Katni-Umaria-Shahdol 2-lane with paved shoulder road
8	Cost of supply of free fuel-wood to workers residing in or near forest area during the period of construction.	2 Labor camp x100 labors x 30 days x 340 Rs x2 years Rupees 4080 thousand only of the construction period of 2 years

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Signature

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