

GOVERNMENT OF ODISHA
WORKS DEPARTMENT

FOREST

DIVERSION PROPOSAL FOR THE WORK:-

WIDENING OF EXISTING 2-LANE ROAD TO
4-LANE ROAD FROM BANKIBAHAL TO
KANAIKA RAILWAY SIDING.

TOTAL FOREST AREA AS PER DGPS SURVEY

REVENUE FOREST=30.06 HECTARE

RESERVE FOREST=9.92 HECTARE

TOTAL=39.98 HECTARE

NAME OF THE DIVISION:- R & B DIVISION, SUNDARGARH
NAME OF THE FOREST DIVISION:- SUNDARGARH
NAME OF THE DISTRICT:- SUNDARGARH

Brief note on the Project- "Widening of 2-Lane of existing Road to 4-Lane from Bankibahal to Kanika Railway siding FROM 0/0KM TO 25/750KM.

This Road from Dudda to Kanika is of length 25.750km is a part of road of Surguda Balichuan Balinga Benjiharia Hemgir Kanika Belpahar (MDR-29). The Basundhara coal field area which is the largest open cast mine in India is connected with this road. The other Portion of Road which connect the Basundhara Area is MDR 27 has already been propose for a dedicated coal corridor from Bankibahal to Bhedabahal. Now About 5000 thousands of Vehicles are moving on this road for transportation of coal to the Kanika Railway siding for transportation on wards to different industrial sectors of different states.

These Roads MDR-29 is the only road extensively being used by the people living in Lephripada , HemgirTahasli and other Tahasli area for their daily jobs. So the mixed traffic of the local public with cycle Motorcycle, car and other four wheelers etc. with the thousands of coal loaded trucks and Dumpers causing fatal accident and for which no. of precious human lives have been lost. Due to these incidents road blockage as well as law and order situation arises in this road frequently.

Considering all these aspect now it has been decided to make the existing double lane road to a 4-lane road which will solve the all types of transportation problem of coal from the Basundhara area to other parts of the country.

This proposed 4-lane road will take off from Barpali chhak situated at 13th km of MDR 29. The total Length of the road will be 25.75km including the by pass road of the villages coming under the road.

EXISTING 2 LANE ROAD IMPROVEMENT PROPOSALS

The existing portion of Road is double lane road with 7.00mt. Carriage way width with 2.5mt. Berm. and has been proposed to 4-lane road

This road passes through number of villages as follows.

1	Garjanbahal
2	Kiripsira
3	Bangurkela
4	Budhajharia
5	Barpali
6	Durubagha
7	Katarbaga

8	Ustail
9	Hemgir
10	Brahmani
11	Kamlaga
12	Kanika

This road is the only means for communication for the people of Hemgir tahasil to reach their district headquarter/hospital district level offices etc. The people of this village will get benefit directly as this villages are on the road. However About 15000 people of 286 villages will get benefit directly and indirectly after construction of this road. Again construction of 2 nos of underbridge will eliminate the traffic congestion and the accidents. The worth of the 4-lane road construction will be justified by saving the precious life of the human.

A list of villages along with population to be beniftted for this road has been illustrated below

Sl. No.	Populations having	No. of Villages	Total Nos. Of population	Male	Female
1	<200	143	84559	42670	41889
2	200-499	32	3616	1844	1772
3	500-999	57	18168	9224	8944
4	1000-1999	32	22706	11529	11177
5	2000-4999	16	21033	10609	10424
6	5000-9999	6	19036	9464	9572
7	>10000				
			169118	85340	83778

Since the project will be monitored through different machines, the employment generations or the mandays will be generated for 5% cost (About 10 crore) of the project .

Since this widening and expansion of this road was a long pending demand of the people and hence it has been proposed for construction of 4-lane road . The traffic census was completed in the month of April and surprisingly it was found that, the road is quite elligible to be upgraded to 4-lane as as the PCU of this road is much higher then 10000.(Which is the satisfaction criteria)

constructed on the left side of the road.

In this project the lands affected except the RF area are as follows

District	Government Plots	94	14.67	91	30.06	182	16.61	381	61.34
Sundargarh		94	14.67	91	30.06	182	16.61	381	61.34
Total		94	14.67	91	30.06	182	16.61	381	61.34

The reserve forest are in three phases and the details of the land is as follows

Reserve Forest Details: Forest Division/District wise Break-Up

Sl No	District	Forest Division	Toposheet No	Name of the Forest (RF/PF)	Chainage (Proposed)	Chainage (Existing)	Length of Forest (in km)	Area (in Ha) after DGPS Survey
1	Sundargarh	Sundargarh	F44R13	Bangurkela RF	6/013 km to 6/500km (Entire road for 30mt. width)	6/013km to 6/500km	0.487km	1.54
2	Sundargarh	Sundargarh	F44 R9	Garjanpahar RF Hemgir/Ustali	13/700 - Km 14/300 (Road for 30mt. width)	13/700 - Km 14/300	0.60km	1.76
3	Sundargarh	Sundargarh	F44 R9	Tangopahar RF	20/350 - Km 22/550 (Road for 30mt. width)	20.350 - Km 22.550	2.20km to 2.20km	6.62
					Total	3.287km	9.92	

There are total 9910 nos of trees standing on the land to be acquired and details of the abstract of the tree is reflected below.

TREE ABSTRACT OF HEMGIR TAHASIL			
Sl No.	category	No. of trees	units
1	Revenue forest	4803	2710.3
2	Reserve forest	2461	649.99
3	Government land	1917	2120.34
4	Private land	729	714.81
	Total	9910	6195.44

Al though there are 12 nos of villages are coming on this road the two villages namely Garjanbahal, and bangurkela are coming under coal bearing area and MCL has about pay and resettle the displaced person to thir scheme. Hence the private and government land and the displaced persons have not been considered while preparing the resettlement plan.

COST OF THE PROJECT

The cost of this Project is Rs 285.18 crore including supervision charges,quality monitoring, project management consultant,annual mauntenance for 3 years etc.which are reflected in the abstract sheet..

Assistant Engineer
(R&B) Sub-Division
Hemgir

Executive Engineer
(R&B) Division
Sundargarh



MAP SHOWING THE
ROAD UNDER CONSIDERATION
TOPO SHEET NO.
F 44 R 13, F. 44 R. 9, F. 44 L. 14

EXECUTIVE ENGINEER
SUNDARGARH (K&B) DIVISION
SUNDARGARH

Kilometres 10 5 0

RAIGARH DISTRICT
(MADHYA PRADESH)

Proposed 4 lane Road
from Duduka to Bankibahal

