



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport and Highways, Government of India)

कार्यालय परियोजना निदेशक, परियोजना कार्यान्वयन इकाई, सागर
भू-खण्ड क्रमांक-1, सनराईज मेगा सिटी, राजघाट रोड, बाघराज वार्ड, सागर (म.प्र.) 470 001
Office of The Project Director, Project Implementation Unit, Sagar
Plot No.-1, Sunrise Mega City, Rajghat Road, Baghraj Ward, Sagar (M.P.) 470 001
Tel.: 07582-298412, email : sagar@nhai.org, sgrpiu1@gmail.com



Website : www.nhai.org

SAG/22010/9/Mohari-Sataighat/Forest/P-2/2024/ 16

Date : 04/01/2024

To,

The Principal Chief Conservator of Forests
(Land Management) & Nodal Officer, GoMP
Van Bhawan, Tulsi Nagar, Bhopal (Madhya Pradesh).

Sub: Improvement and Upgradation of existing 2-lane to 4-lane with paved shoulders, with/without Service Roads including Realignments and Shahgarh & Hirapur Bypasses from Mohari to Satai Ghat section of NH-934 & NH-34 (old NH-86) from Design Km 50+300 (Existing Km 49.789) to Design Km 89+878 (Existing Km 90.302) in the state of Madhya Pradesh (Package-2) under Bharatmala Pariyojana:- **Submission of Compliance of Observations raised by Regional Office, MoEFCC, Bhopal on dated 18.12.2023**

Ref: 1. Online Proposal No. FP/MP/ROAD/155297/2022 dated 11.05.2022
2. Regional Office, MoEFCC, Bhopal Letter No. 6-MPR041/2023-BHO dated 18.12.2023
3. Your Office Letter No. F-5/1317/2023/10-11/5339 dated 20.12.2023


Respected Sir,

Please refer to subject cited above, the Regional Office, MoEF&CC, Bhopal vide its letter cited under ref-2 has issued the EDS for the proposal No. FP/MP/ROAD/155297/2022 for diversion of forest land under jurisdiction of DFO (North), Sagar & Chhatarpur. Accordingly, the Nodal Officer vide its letter cited under ref-3 has conveyed the same to this office for submission of compliances.

In this regard, the pointwise compliances for the EDS are as under :-

Sl. No.	Observations received from IRO, MoEF&CC, Bhopal	Compliance
1.	The State Govt shall submit/upload a consolidated KML file for area proposed for diversion and also shows area of forest and non-forest in different colours.	Consolidated KML file for area proposed for diversion alongwith area of forest and non-forest with their colour is attached herewith (in soft copy Pen Drive) and also uploaded in online Part-I at Sr.No. C. The details of colour for forest & non-forest area are taken as per the following colour combination :- Reserve Forest is shown in Green Colour Protected Forest is shown in Pink Colour Revenue Forest is shown in Brown Colour Non-Forest Land is shown in Yellow Colour.
2.	The detail muck disposal plan shall be furnished in which calculation of total muck generated, utilized and to be dumped considering the appropriate swelling factor for the area.	The detailed muck disposal plan along with calculation of total muck to be generated and to be utilized considering allowable swelling factor of 40%, is enclosed as Annexure-1 . The same is hereby uploaded in online portal at Additional Information Details of Part-I of Form A location.
3.	Working plan prescription for area involved in Chhatarpur Forest Division has not been given in online Part-II. It needs to be updated.	The working plan prescription in Part-II will be uploaded by DFO-Chhatarpur as per EDS in Part-II of Parivesh Portal.

4.	Legal status of forest land in online Part-II regarding area of Chhatarpur Forest Division is incorrect. The correct information shall be provided in online portal at designated para.	<p>The legal status of forest land of Chhatarpur forest division is as follows:</p> <table><thead><tr><th>Village</th><th>Compartment Number</th><th>Proposed Forest Area for Diversion (ha)</th><th>Legal Status</th></tr></thead><tbody><tr><td>Lahar</td><td>206</td><td>1.5891</td><td>Reserve Forest -206</td></tr><tr><td>Lahar</td><td>199</td><td>9.1905</td><td>Reserve Forest -199</td></tr><tr><td>Bichaun Viran</td><td>198</td><td>0.2130</td><td>Reserve Forest -198</td></tr><tr><td>Bichaun Viran</td><td>198</td><td>3.7532</td><td>Reserve Forest-198</td></tr><tr><td>Maddevra</td><td>--</td><td>1.2170</td><td>Revenue Forest</td></tr><tr><td>Maddevra</td><td>--</td><td>0.0800</td><td>Revenue Forest</td></tr><tr><td>Palda</td><td>40</td><td>3.6845</td><td>Reserve Forest-40</td></tr><tr><td>Darguwan</td><td>40</td><td>9.3651</td><td>Reserve Forest-40</td></tr><tr><td>Darguwan</td><td>--</td><td>0.0420</td><td>Revenue Forest</td></tr><tr><td>Darguwan</td><td>--</td><td>0.3840</td><td>Revenue Forest</td></tr><tr><td colspan="2">Total Area (ha)</td><td>29.5184</td><td></td></tr></tbody></table> <p>The above details may kindly be verified by DFO-Chhatarpur and accordingly may be updated in Part-II in Parivesh Potral.</p>	Village	Compartment Number	Proposed Forest Area for Diversion (ha)	Legal Status	Lahar	206	1.5891	Reserve Forest -206	Lahar	199	9.1905	Reserve Forest -199	Bichaun Viran	198	0.2130	Reserve Forest -198	Bichaun Viran	198	3.7532	Reserve Forest-198	Maddevra	--	1.2170	Revenue Forest	Maddevra	--	0.0800	Revenue Forest	Palda	40	3.6845	Reserve Forest-40	Darguwan	40	9.3651	Reserve Forest-40	Darguwan	--	0.0420	Revenue Forest	Darguwan	--	0.3840	Revenue Forest	Total Area (ha)		29.5184	
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5.	The kml and other documents pertaining to proposed CA (60 ha) in Chhatarpur Forest Division has not been uploaded in online portal.	KML file of CA land for proposed area of 60 Hac under DFO-Chhatarpur is attached (in Pen Drive form). The same may be uploaded by DFO-Chhatarpur in Part-II alongwith other documents pertaining to proposed CA (60 ha.).																																																
6.	It is mentioned in the report of RFO that the area is prone to erosion but no comments have been provided by the concerned DFO of Chhatarpur FD. Appropriate comments with suggestive protection measures, are required to be submitted.	<ol style="list-style-type: none">1. Length of cutting sections in forest area is limited to 4.2kms. This 4.2km length is scattered between km 55.500 to 57.300& km 84.000 to km 89.000 mainly.2. Typical Cross Section of the project, followed in these reaches has provision of Breast wall (height of breast wall can be 2-3m) with lined drain, cut slope of 1:1 (45 degree) and Catch pit drain, on both side of carriageway, for providing slope stabling.3. Further height of cutting is varying from 2m to 5m in all cutting sections (except in 400m reach from km 88.300 to km 88.700, where height of cutting is up to 10m).The said 400m length having height of cutting > 6m (up to 10m) is generally hard rock and will not require any slope protection.4. IRC-56:2011, Recommended practices for Treatment of Embankment & Roadside slope for erosion control, suggests for less than 6mheight of cutting & low and moderate rainfall, Vegetation (Shallow or deep rooted) shall be provided as erosion control system on slopes.Hence, the same shall be followed by NHAI. Abstract from the IRC-56 is reproduces for ready reference. <p>In general, suggestions which may be kept in view while selecting the appropriate methodology for erosion control are given in Table 2.</p>																																																



		<table><tr><th colspan="4">Table 2 Suggestions for Selection of Erosion Control Technique</th></tr><tr><th>Situation</th><th>Height of Bank/ Cutting</th><th>Rainfall/ Velocity of water</th><th>Erosion Control System</th></tr><tr><td>Bank/cutting made in cohesive soil/ fine grained soil (CL, CI, CH, ML, MI, MH)</td><td>Less than 6 m</td><td>Low or moderate rainfall (Flow velocity 3 m/sec or less)</td><td>Vegetation (shallow rooted or deep rooted)</td></tr><tr><td>Bank/cutting made in cohesive soil (Sandy/ gravelly soil)</td><td>Less than 6 m</td><td>Low or moderate rainfall (Flow velocity 3 m/sec or less)</td><td>Vegetation grown on 0.25 m to 0.3 m thick clayey soil as a cover over cohesionless fill</td></tr><tr><td>Bank/cutting made in types of soil</td><td>More than 6 m</td><td>High rainfall (Flow velocity more than 3 m/sec)</td><td>Reinforced vegetation or reinforced protection</td></tr></table> <p>5. TCS followed in this section is TCS-4E, which is enclosed as Annexure-3.</p>	Table 2 Suggestions for Selection of Erosion Control Technique				Situation	Height of Bank/ Cutting	Rainfall/ Velocity of water	Erosion Control System	Bank/cutting made in cohesive soil/ fine grained soil (CL, CI, CH, ML, MI, MH)	Less than 6 m	Low or moderate rainfall (Flow velocity 3 m/sec or less)	Vegetation (shallow rooted or deep rooted)	Bank/cutting made in cohesive soil (Sandy/ gravelly soil)	Less than 6 m	Low or moderate rainfall (Flow velocity 3 m/sec or less)	Vegetation grown on 0.25 m to 0.3 m thick clayey soil as a cover over cohesionless fill	Bank/cutting made in types of soil	More than 6 m	High rainfall (Flow velocity more than 3 m/sec)	Reinforced vegetation or reinforced protection
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Bank/cutting made in types of soil	More than 6 m	High rainfall (Flow velocity more than 3 m/sec)	Reinforced vegetation or reinforced protection																			
7.	The proposal is of widening and upgradation of existing road for which it has been mentioned that some of the area is overlapping forest area which is 2.4351 ha. of Sagar North FD and 2.5159 ha. of Chhatarpur FD. The State Govt clarify if approval under the provision of FCA 1980 for this overlapping area has been taken in the past or not. The relevant document in this regard shall be submitted.	As per the Digital Map of Forest Department, MP in KML file form, the boundary of forest land of Chhatarpur Division is overshooting in adjoining Forest Division, similar is the case of Sagar North Division. Thus, the overlapped area 4.9510 ha [2.4351 ha + 0.0808 ha (2.5159 ha) in Chhatarpur Division+ 2.4351 ha in Sagar North Division] is overlapping. However, though the same area is shown in both the divisions except 0.0808 ha which is overlapping between PF-523 and RF-40 taken in Chhatarpur Division only. We have taken the correct area to avoid the duplicacy. The area in questions, has not been approved under provisions of FCA 1980, at any time earlier. Accordingly, the user agency has considered the area in present proposal for diversion of land for 109.496 Hac. Area Statement is enclosed as Annxure-2 and KML file (Blue colour) of overlapping area (in soft copy Pen Drive) is uploaded in online portal at Sr. No. C of Part-I of Form-A .																				
8.	क्षेत्रीय कार्यालय, भोपाल द्वारा प्रस्ताव में की गयी स्थल निरीक्षण रिपोर्ट से संबंधित जानकारी अलग से प्रेषित की जाएगी।	Noted for information.																				

In view of above, the compliance of EDS raised by IRO, MoEF&CC is hereby submitted for kind consideration and grant of approval for Stage-I clearance at the earliest, so that appointed date of the subject project may be declared at the earliest please.

Yours Faithfully,

Encl. : As above.

Sunil Sharma
9-1-23
(Sunil Sharma)
Project Director

Copy to :

1. The Regional Officer, NHAI, RO-MP (East), Jabalpur for kind information please.
2. The DFO-Chhatarpur for kind information and it is requested to submit the proposal to onward Stage-I approval in the matter please.
3. The DFO-North, Sagar for kind information please.
4. The DPR Consultant, M/s URS Scott Wilson India Pvt. Ltd. for information & necessary pursuance please.

Project Name *Improvement and Upgradation of existing 2-lane to 4-lane with paved shoulders, with/without Service Roads including Realignments and Shahgarh&Hirapur Bypasses from Mohari to Satai Ghat section of NH-934 & NH-34 (old NH-86) from Design Km 50+300 (Existing Km 49.789) to Design Km 89+878 (Existing Km 90.302) in the state of Madhya Pradesh (Package-2) under BharatmalaPariyojana*
Forest Proposal No. *FP/MP/ROAD/155297/2022*

Annexure-1

MUCK DISPOSAL PLAN

1.	Calculation of muck to be generated. Swell factor has to be applied	Quantity of Muck Generation and Utilization sheet is enclosed. Calculation of swell factor is applicable. Undertaking is enclosed.
2.	Quantity of muck to be utilized in the project activities	As above
3.	Balance quantity of muck which requires disposal/management plan	No balance quantity will be left for preparation of disposal/management plan.
4.	Carriage of muck from the muck generation site to the dumping site	Not Applicable
5.	Ownership of land and the consent of land owners, in case muck disposal is proposed on non forest land.	Not Applicable
6.	Photograph & carrying capacity of proposed dumping site (Muck disposal site)	Not Applicable
7.	Development of dumping site- construction of retaining walls and other structure as per requirement of the site. The objective is to completely stop rolling down of the muck.	Not Applicable
8.	Rehabilitation of dumping site like leveling, planting of grass, shrubs and tree species.	Not Applicable

Note: Cost to be incurred on the above activities has to be given component wise. Detail of dumping site including length, width and height of structures to be erected must be mentioned.

Undertaking by the user agency has to be given to the effect that:

1. Muck management plan will be implemented by the user agency and in case of non-implementation of the plan, they will be liable to penalty/action at their cost.
2. The proposed dumping site is located away from river/stream/nala.

Project Director
NHAI, PIU Sagar (M.P.)

Project Name *Improvement and Upgradation of existing 2-lane to 4-lane with paved shoulders, with/without Service Roads including Realignments and Shahgarh&Hirapur Bypasses from Mohari to Satai Ghat section of NH-934 & NH-34 (old NH-86) from Design Km 50+300 (Existing Km 49.789) to Design Km 89+878 (Existing Km 90.302) in the state of Madhya Pradesh (Package-2) under BharatmalaPariyojana*
Forest Proposal No. FP/MP/ROAD/155297/2022

QUANTITY OF MUCK GENERATION AND UTILIZATION SHEET			
SL. No.	DESCRIPTION	UNIT	QUANTITY
A.	Muck Generation		
1	Excavation in Soil using Hydraulic Excavator CK 90 and Tippers with Disposal upto 1000 metres including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location within all leads and lifts as per Technical specifications and as directed by the Engineer-in-charge.	Cum	1,736,654
2	Excavation for roadway in ordinary rock with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, transporting to embankment site within all lifts and lead upto 1000 m, trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections.	Cum	612,804
3	Earthwork in excavation of foundation for structures including pipe culverts in all types of soil including lead & lifts complete as per drawings and MORT&H specifications clauses 304 & 2903.	Cum.	10,084
4	Ordinary Soil - Depth Upto 3m	Cum	74,039
Total			2,433,582
5	Swelling Factor	40%	973,433
Grand Total of Muck Generated			3,407,015
B.	Muck Utilization		
	Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of table 300-2 as per Technical specifications and as directed by the Engineer-in-charge.	Cum	3,407,015
C.	Balance Muck to be Dumped at Site		
	Balance quantity of muck which requires disposal at Site	Cum	Nil

S. S. Sagar
Project L
NHAI, PIU Sagar (M.P.)


Project Name *Improvement and Upgradation of existing 2-lane to 4-lane with paved shoulders, with/without Service Roads including Realignments and Shahgarh&Hirapur Bypasses from Mohari to Satai Ghat section of NH-934 & NH-34 (old NH-86) from Design Km 50+300 (Existing Km 49.789) to Design Km 89+878 (Existing Km 90.302) in the state of Madhya Pradesh (Package-2) under BharatmalaPariyojana*
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MUCK DISPOSAL CERTIFICATE

This is to certify that I/We, Project Director, NHAI, PIU, Sagar, hereby undertake that, we will utilize generated muck for construction of embankment during **“Improvement and Upgradation of existing 2-lane to 4-lane with paved shoulders, with/without Service Roads including Realignments and Shahgarh&Hirapur Bypasses from Mohari to Satai Ghat section of NH-934 & NH-34 (old NH-86) from Design Km 50+300 (Existing Km 49.789) to Design Km 89+878 (Existing Km 90.302) in the state of Madhya Pradesh (Package-2) under BharatmalaPariyojana”**.

Date:-

Place:- Sagar


Project Director
National Highway Authority of India
Project Implementation Unit-Sagar
Plot No-1, Sunrise Mega City
Rajghat Road, Baghraj Ward
Sagar (M.P.)-470001

CHECK LIST SERIAL NUMBER 07

STATEMENT SHOWING DETAILS OF FOREST AREA PROPOSED FOR DIVERSION

Full title of the Project:-Improvement and Upgradation of existing 2-lane to 4-lane with paved shoulders, with/without Service Roads including Realignments and Shahgarh & Hirapur Bypasses from Mohari to Satai Ghat section of NH-934 & NH-34 (old NH-86) from Design Km 50+300 (Existing Km 49.789) to Design Km 89+878 (Existing Km 90.302) in the state of Madhya Pradesh (Package-2) under Bharatmala Pariyojana

Proposal No. FP/MP/ROAD/155297/2022

Forest Patch	District	Division	Tehsil	Range	Village	Design Chainage (Km)			Avg. Width/	Khasra No. / Survey No.	Compartment Number	Affected Forest Area (ha.)	Overlapping Forest Area	Net Forest Area for	Legal Status
						From	To	Length							
1	2	3	4	5	6	7	8	9=(8-7)	10	11	12	13=(9x10)	14	15=(13-14)	16
1	Sagar	Sagar North	Shahgarh	Shahgarh	Mohari	51.151	51.375	0.214	60.00	--	466	1.2815	0.0	1.2815	Protected Forest-466
2	Sagar	Sagar North	Shahgarh	Shahgarh	Mohari	51.618	53.793	2.175	60.00	--	489	13.0513	1.8162	11.2351	Reserve Forest-489
3	Sagar	Sagar North	Shahgarh	Shahgarh	Bilgawan	55.191	56.586	1.395	60.00	--	488	8.3711	0.5784	7.7928	Reserve Forest -488
4	Sagar	Sagar North	Shahgarh	Shahgarh	Bilgawan	56.759	58.462	1.694	60.00	--	487	10.1628	0.0	10.1628	Reserve Forest -487
5	Sagar	Sagar North	Shahgarh	Shahgarh	Bilagram	59.730	61.579	1.799	60.00	--	483	10.7961	0.0406	10.7556	Reserve Forest-483
6	Sagar	Sagar North	Shahgarh	Shahgarh	Bilagram	61.579	61.676	0.097	28.48	--	492	0.2762	0.0	0.2762	Protected Forest-492
7	Sagar	Sagar North	Shahgarh	Shahgarh	Bilagram	61.676	61.751	0.075	17.29	--	482	0.1296	0.0	0.1296	Reserve Forest-482
8	Sagar	Sagar North	Shahgarh	Shahgarh	Bilagram	61.846	61.936	0.090	60.00	--	482	0.5370	0.0	0.5370	Reserve Forest-482
9	Sagar	Sagar North	Shahgarh	Shahgarh	Sasan	63.402	64.491	1.089	51.48	599	492	5.6059	0.0	5.6059	Protected Forest-492
10	Sagar	Sagar North	Shahgarh	Shahgarh	Sasan	63.974	64.202	0.228	29.62	--	480	0.6752	0.0	0.6752	Reserve Forest-480
11	Sagar	Sagar North	Shahgarh	Shahgarh	Sasan	64.491	66.695	2.204	60.00	--	480	13.2232	0.0	13.2232	Reserve Forest-480
12	Sagar	Sagar North	Shahgarh	Shahgarh	Shahgarh	66.950	67.500	0.550	33.98	257	--	1.8690	0.0	1.8690	Bada Jhad
13	Sagar	Sagar North	Shahgarh	Shahgarh	Shahgarh	67.500	67.640	0.140	57.14	263	--	0.8000	0.0	0.8000	Bada Jhad
14	Sagar	Sagar North	Shahgarh	Shahgarh	Hirapur	81.955	82.226	0.271	60.00	705	--	1.6250	0.0	1.6250	Vriksh Kunj
15	Sagar	Sagar North	Shahgarh	Shahgarh	Hirapur	84.054	84.658	0.594	60.00	52	524	3.5650	0.0	3.5650	Protected Forest-524
16	Sagar	Sagar North	Shahgarh	Shahgarh	Hirapur	85.017	85.107	0.090	16.75	52	524	0.1507	0.0	0.1507	Protected Forest-524
17	Sagar	Sagar North	Shahgarh	Shahgarh	Hirapur	84.610	84.670	0.060	45.17	35	--	0.2710	0.0	0.2710	Forest
18	Sagar	Sagar North	Shahgarh	Shahgarh	Hirapur	84.650	84.700	0.040	2.51	89	--	0.0100	0.0	0.0100	Vriksh Kunj
19	Sagar	Sagar North	Shahgarh	Shahgarh	Hirapur	85.040	85.100	0.060	58.50	37	--	0.3510	0.0	0.3510	Forest
20	Sagar	Sagar North	Shahgarh	Shahgarh	Hirapur	85.130	85.300	0.120	53.83	63	--	0.6460	0.0	0.6460	Vriksh Kunj
21	Sagar	Sagar North	Shahgarh	Shahgarh	Hirapur	85.300	85.400	0.100	14.80	58	--	0.1480	0.0	0.1480	Forest
22	Sagar	Sagar North	Shahgarh	Shahgarh	Hirapur	85.370	85.630	0.260	58.96	57	--	1.5330	0.0	1.5330	Forest
23	Sagar	Sagar North	Shahgarh	Shahgarh	Hirapur	85.703	86.925	1.222	60.00	152, 54, 156	523	7.3340	0.0	7.3340	Protected Forest-523
Total Length (Km)						14.567			Total Forest Land (ha)			82.4127	2.4351	79.9776	

Date:-

Place:- Sagar



Project Director
National Highway Authority of India
Project Implementation Unit-Sagar
Plot No-1, Sunrise Mega City
Rajghat Road, Baghraj Ward
Sagar (M.P.)-470001

Countersigned
Divisional Forest Officer
.....Forest Division
Office Seal.....

Project Director
NHAI, PIU Sagar (M.P.)

CHECK LIST SERIAL NUMBER 07

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						From	To	Length							
1	2	3	4	5	6	7	8	9=(4-7)	10	11	12	13=(9x10)	14	15=(13-14)	16
1	Chhatarpur	Chhatarpur	Buxwaha	Buxwaha	Lahar	53.131	53.775	0.544	49.35	--	206	3.1784	1.5893	1.5891	Reserve Forest -206
2	Chhatarpur	Chhatarpur	Buxwaha	Buxwaha	Lahar	53.687	55.416	1.729	57.81	26	199	9.9958	0.8053	9.1905	Reserve Forest -199
3	Chhatarpur	Chhatarpur	Buxwaha	Buxwaha	Bichaun Viran	58.738	58.951	0.213	10.00	2	198	0.2130	0.0	0.2130	Reserve Forest -198
4	Chhatarpur	Chhatarpur	Buxwaha	Buxwaha	Bichaun Viran	59.070	59.702	0.632	60.00	4	198	3.7937	0.0406	3.7532	Reserve Forest -198
5	Chhatarpur	Chhatarpur	Buxwaha	Buxwaha	Maddevra	78.225	78.435	0.210	46.81	989/4	--	1.2170	0.0	1.2170	Forest
6	Chhatarpur	Chhatarpur	Buxwaha	Buxwaha	Maddevra	78.410	78.435	0.025	10.66	1352/1	--	0.0800	0.0	0.0800	Forest
7	Chhatarpur	Chhatarpur	Buxwaha	Malhera	Palda	86.925	87.553	0.628	60.00	1	40	3.7653	0.0808	3.6845	Reserve Forest-40
8	Chhatarpur	Chhatarpur	Buxwaha	Malhera	Darguwan	87.553	89.114	1.561	60.00	1356, 1355, 1264, 1263, 1262, 1260	40	9.3651	0.0	9.3651	Reserve Forest-40
9	Chhatarpur	Chhatarpur	Buxwaha	Malhera	Darguwan	89.350	89.585	0.235	12.00	1293	--	0.0420	0.0	0.0420	Forest
10	Chhatarpur	Chhatarpur	Buxwaha	Malhera	Darguwan	89.585	89.730	0.145	19.69	1301	--	0.3840	0.0	0.3840	Forest
Total Length (Km)						5.572			Total Forest Land (ha)			32.0343	2.5159	29.5184	

Date:-

Place:- Sagar

Project Director
National Highway Authority of India
Project Implementation Unit-Sagar
Plot No-1, Sunrise Mega City
Rajghat Road, Baghraj Ward
Sagar (M.P.)-470001

Countersigned
Divisional Forest Officer
.....Forest Division
Office Seal.....



Project Director
NHAI, PIU Sagar (M.P.)

Annexure-3

TCS Followed in this section is TCS-4E, which is as under

