



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Government of India)

परियोजना क्रियान्वयन इकाई - मेरठ

Project Implementation Unit, Meerut

ए-1, वैष्णो धाम, निकट गायत्री हाईट्स, कंकरखेड़ा, एन.एच.-58, मेरठ-250001

A-1, Vaishno Dham, Near Gayatri Heights, Kankerhera, NH-58, Meerut-250001

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भा0रा0रा0प्रा0/प0क्रि0ई0-मेरठ/66012/2021/डी0-23803

दिनांक: 07.03.2022

सेवा में,

प्रभागीय निदेशक,

सामाजिक वानिकी प्रभाग,

मुजफ्फरनगर ।

विषय: भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना क्रियान्वयन इकाई, मेरठ द्वारा मेरठ नजीबाबाद मार्ग खण्ड एन0एच0-119 के जनपद मुजफ्फरनगर के अन्तर्गत किमी0 चैनेज 48.400 से किमी0 97.180 तक 27.7437 हे0 संरक्षित वनभूमि एवं जनपद बिजनौर के अन्तर्गत किमी0 चैनेज 67.180 से 79.330 तक 11.1077 हे0 संरक्षित वनभूमि अर्थात् कुल 38.8514 हे0 संरक्षित वनभूमि के गैरवानिकी प्रयोग तथा विभिन्न प्रजातियों के बाधक वृक्ष जनपद मुजफ्फरनगर में 7846 वृक्ष व जनपद बिजनौर में 4316 वृक्ष अर्थात् कुल 12162 वृक्षों के पातन/ट्रान्सप्लान्ट की अनुमति के सम्बन्ध में। प्रस्ताव संख्या: FP/UP/Road/43253/2019

संदर्भ: मुख्य वन संरक्षक/नोडल अधिकारी, पर्यावरण, वन एवं जलवायु परिवर्तन विभाग, लखनऊ का पत्रांक 8बी/यू0पी0/06/265/2021/एफ0सी0/579 दिनांक 27.12.2021

महोदय,

उपरोक्त संदर्भित पत्र का अवलोकन करने का कष्ट करें। जिसके द्वारा Nodal Officer, MoEF&CC Lucknow द्वारा विषयगत प्रस्ताव पर कमियों/अभिलेखों का अभाव का उल्लेख किया गया है। User Agency द्वारा EDS की बिन्दुवार आख्या 5 प्रतियों में संलग्न कर प्रेषित की जा रही है।

अतः आपसे अनुरोध है कि विषयगत प्रस्ताव को मुख्य वन संरक्षक/नोडल अधिकारी, पर्यावरण, वन एवं जलवायु परिवर्तन विभाग, लखनऊ को अग्रिम कार्यवाही हेतु प्रेषित करने का कष्ट करें।

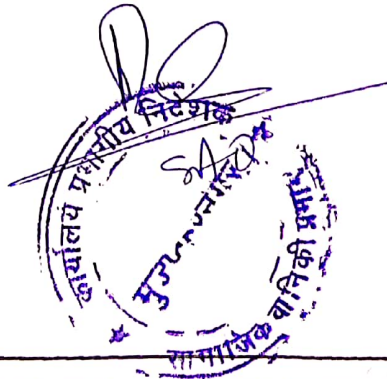
भवदीय,

संलग्नक: EDS की अनुपालन आख्या (5 प्रतियाँ)

दिनेश कुमार चतुर्वेदी
(दिनेश कुमार चतुर्वेदी)
परियोजना निदेशक

प्रतिलिपि:-

मुख्य वन संरक्षक/नोडल अधिकारी, पर्यावरण, वन एवं जलवायु परिवर्तन विभाग, लखनऊ को आपके संदर्भित पत्र के क्रम में सूचनार्थ प्रेषित।



Appendix-I

Compliance of EDS raised by RO MoEFCC, Lucknow vide letter no- 8B/UP/06/265/2021/FC/579 dated 27/12/2021

Name of Project: - Forest Land Diversion proposal for "Improvement and Up-gradation to 4-lane configuration of Meerut-Nazibabad section of NH-119 between Km 39+165 to Km 79+330 in the state of Uttar Pradesh"

Proposal No.: FP/UP/ROAD/43253/2019

SL	EDS	COMPLIANCE
1	As per the kml file of the area proposed for diversion area is 37.97 ha, which is not matching with the area of the proposal, this needs clarification.	The Area of all polygons measured individually/separately on GOOGLE EARTH and it comes 38.8514 Ha, accordingly forest land statement is prepared. As compliance of EDS, it is rechecked thoroughly for overlapping polygon/missing polygons/updated and reconfirmed measuring each polygon separately. Also, slight variation (in decimal) is likely when we use different GIS software and measure polygons combinedly and individually. The uploaded Forest Area polygon measured combinedly using Global Mapper (GIS Software) and it shows the Area of polygon under Forest Division Bijnor is 11.1230 Ha and under Forest Division Muzaffar Nagar is 27.7824 Ha (Total- 38.9054 Ha) Accordingly, KML file and forest land statement is updated and the same is uploaded. May please refer Annexure -I for ready reference in which Area details of each polygon, measured using GOOGLE Earth and GIS Software (Global Mapper) is given. Updated Forest Land Statement is enclosed as Attachment-IV.
2	Attributes of the kml file of proposed area for diversion is not in standard format. This needs rectification.	Complied Updated kml polygons with attributes is uploaded on parivesh portal and the same is submitted in CD.
3	The NET suitable area for plantation as per GIS-DSS analysis is 60.84 ha. which is less then, the actual required CA land area.	DSS report is issued by IT cell, Lucknow, Government of Uttar Pradesh, prior to finalization of CA Area and its scheme for plantation and maintenance. As per DSS Analysis report, the actual plantable area of CA land given in Mirzapur Forest Division is 23. 0 hectare and in Shivalik Forest Division is 56.92 hectare. Combinedly, it constitutes 79.92 hectare against 38.8514 hectare of forest land diversion which is more than twice of Diverted Forest Area. It may please be noted that Forest Division Mirzapur has provided DSS analysis of a single patch measuring 55.57 hectare (in Bela Van Block, Madihan Range) having density less than 0.4. Out of these 55.57-hectare, prosed CA area for this project is only 23.0 hectare and for which Georeferenced Map of CA Area is uploaded/submitted. May please refer Annexure- II for DSS Analysis Report.
4	Geo-referenced map of the proposed CA land of Mirzapur range needs rectification. Geo-coordinates of the proposed CA polygon need to be mentioned.	Due to very uneven/irregular shape of CA Area boundary, a total 156 GPS point is depicted at turns. These 156 no. of GPS coordinate cannot be shown on A4 Maps so list of GPS-coordinates submitted and uploaded separately in additional information details (of part-II) at serial no.-5. As compliance of this EDS, the list of GPS-coordinates is attached with Geo-reference Map of CA Land, Mirzapur. May please refer Annexure-III.
5	11.1077 ha. forest area is diverted in Bijnor division, in lieu of this 23.00 ha. CA land	Office of DFO- Bijnor has conveyed Conservator Forest (CF), Moradabad vide letter no- 4246/14-1, dated 23/6/2021 that Suitable degraded forest land is not available in Bijnor Forest Division.

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Project Director

National Highways Authority of India

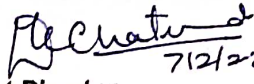
	area has been. proposed in Mirzapur division. Why CA has not been proposed in the same division. This need clarification.	Further, on request of CF-Moradabad, office of DFO-Mirzapur has provided suitable CA land measuring 23.0 hectare. For ready reference, may please find Annexure-IV.																
6	No objection certificate of concerned departments (Irrigation, PWD/NHAI etc.) needs to be provided.	USER Agency is NHAI which has ownership of project road so NOC from NHAI/PWD is not applicable. However, NOC from irrigation department is required which is under process and approval is expected soon. User Agency (NHAI-PIU) Meerut) is agree to obtain NOC and will submit it during stage-I clearance or as compline of stage-I clearance condition. May please refer Annexure-V, Undertaking of User Agency																
7	Component wise breakup of land required and component wise area calculation needs to be submitted.	Component wise breakup of forest and non-forest land required for the project is updated online in Form A, Part-I (B-2.4 Component wise breakup). <table><tr><td>SL</td><td>Component</td><td>Forest Area (Ha)</td><td>Non-Forest Area (Ha)</td></tr><tr><td>1</td><td>Bridge & Culvert</td><td>1.330</td><td>11.8873</td></tr><tr><td>2</td><td>Pavement</td><td>37.5214</td><td>126.0074</td></tr><tr><td></td><td>Total</td><td>38.8514</td><td>137.8947</td></tr></table>	SL	Component	Forest Area (Ha)	Non-Forest Area (Ha)	1	Bridge & Culvert	1.330	11.8873	2	Pavement	37.5214	126.0074		Total	38.8514	137.8947
SL	Component	Forest Area (Ha)	Non-Forest Area (Ha)															
1	Bridge & Culvert	1.330	11.8873															
2	Pavement	37.5214	126.0074															
	Total	38.8514	137.8947															
8	Detailed muck calculation and muck disposal scheme as approved by concerned Divisional Forest Officer needs to be submitted.	Complied, Muck calculation/disposal plan is Attached as Annexure-VI.																
9	Details of existing ROW proposed ROW and land width (ROW) availability for road side plantation needs to be submitted.	Existing available RoW of project road is 30 meter and existing road width including earthen shoulder is 10 meters. Proposed RoW (in general) is 60 meters. In Protected Area (Hastinapur WLS) construction zone of road work will be limited to 30 meter and both side 15-meter land has been kept for plantation work, drain and utility. In either side of project road following is the configuration; (a) Formation width (widths of median + lane + verge + shoulder) = 13 meter (b) Slope = 4-5 meter (c) Drain= 1.5 meter (earthen in open area) (d) Area for Plantation- 9-10 meter (e) Utility area= 2.0 meter Total width (either side) = 30 meter May please find Annexure -VII																
10	The vegetation density of the forest land proposed for diversion as per part-ii of the proposal (col.4) in r/o Bijnor division needs to be clarified as it is mismatching with proposal submitted (hard copy) & on PARIVESH portal.	Complied and corrected.																
11	The forest land proposed for diversion is located within eco-sensitive zone (ESZ) of the Protected Area notified under Wildlife (Protection) Act, 1972 and also falls within Hastinapur Wildlife Sanctuary from Chainage Km. 67.180 to Km. 77.500, Wildlife clearance	Wildlife Clearance proposal is uploaded on 3 rd November 2020 and hard copy of the same is submitted to the concerned office of DFO/Wildlife Warden. Further, DFO/Wildlife warden Muzaffarnagar has issued EDS for study on impact of wild animal and preparation of conservation and Management Plan. User Agency, has engaged WII Dehradun for Wildlife Study which is ongoing.																

needs to be submitted.

May please refer Annexure- VIII letter issued from DFO/Wildlife Warden
Muzaffar Nagar

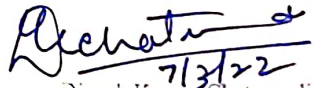
Date: - 07/03/2022

Place: - Meerut


7/2/22
Project Director
Project Implementation Unit
Meerut, Uttar Pradesh.
Name: - Dinesh Kumar Chaturvedi
Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
B-11, Meerut
Signature & Seal

Annexure- 1
Area Calculation and Comparison between Google Earth and GIS software (Global Mapper)
(Forest Division- Bijnor)

Feature Measurement Information										
Selected Feature Information										
<ENCLOSED_AREA>	<PERIMETER>	AREA OF DIVERSION	CHAINAGE	ENCLOSED_AREA	FOREST DIVISION	PERIMETER	RANGE	SIDE	TYPE OF FOREST	VILLAGE
603.08 sq m	140.35 m	0.0602 Ha	Km 74+145 to Km 74+155	603.08 sq m	Bijnor	140.35 m	Bijnor	BHS	PF	Tampurpur
602.89 sq m	140.34 m	0.0602 Ha	Km 74+165 to Km 74+175	602.89 sq m	Bijnor	140.34 m	Bijnor	BHS	PF	Tampurpur
612.01 sq m	142.49 m	0.0611 Ha	Km 76+485 to Km 76+495	612.01 sq m	Bijnor	142.49 m	Bijnor	BHS	PF	Fandpur Mira
611.99 sq m	142.5 m	0.0611 Ha	Km 76+505 to Km 76+515	611.99 sq m	Bijnor	142.5 m	Bijnor	BHS	PF	Fandpur Mira
48805 sq m	9.756 km	4.8738 Ha	Km 67+180 to 72+058	48805 sq m	Bijnor	9.756 km	Bijnor	LHS	PF	Ujayali Khurd Ahalmatal
48824 sq m	9.76 km	4.8757 Ha	Km 67+180 to Km 72+058	48824 sq m	Bijnor	9.76 km	Bijnor	RHS	PF	Ujayali Khurd Ahalmatal
5590 sq m	1.135 km	0.5582 Ha	Km 78+950 to Km 79+330	5590 sq m	Bijnor	1.135 km	Bijnor	RHS (of Existing Road)	PF	Kachhapura
5581.8 sq m	1.132 km	0.5574 Ha	Km 78+950 to Km 79+330	5581.8 sq m	Bijnor	1.132 km	Bijnor	LHS (of Existing Road)	PF	Kachhapura


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Total Enclosed Area: 111230 sq m, Total Length/Perimeter: 22.347 km

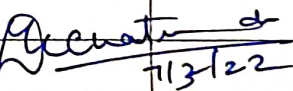
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For Help press F1

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10:24
06-03-2022

Area Calculation and Comparison sheet between Google Earth and GIS software (Global Mapper) (Forest Division – Bijnor)									
<Feature Type>	AREA OF DIVERSION (As per Google Earth) (Ha)	CHAINAGE	ENCLOSED AREA (Sq m) (As per Global Mapper)	FOREST DIVISION	PERIMETER	RANGE	SIDE	TYPE OF FOREST	VILLAGE
Area Type	0.0602	Km 74+145 to Km 74+155	603.08	Bijnor	140.35 m	Bijnor	BHS	PF	Taimurpur
Area Type	0.0602	Km 74+165 to Km 74+175	602.89	Bijnor	140.34 m	Bijnor	BHS	PF	Taimurpur
Area Type	0.0611	Km 76+485 to Km 76+495	612.01	Bijnor	142.49 m	Bijnor	BHS	PF	Faridpur Mira
Area Type	0.0611	Km 76+505 to Km 76+515	611.99	Bijnor	142.5 m	Bijnor	BHS	PF	Faridpur Mira
Area Type	4.8738	Km 67+180 to 72+058	48805	Bijnor	9.756 km	Bijnor	LHS	PF	Ujayali Khurd Ahatmatal
Area Type	4.8757	Km 67+180 to Km 72+058	48824	Bijnor	9.76 km	Bijnor	RHS	PF	Ujayali Khurd Ahatmatal
Area Type	0.5582	Km 78+950 to Km 79+330	5590	Bijnor	1.135 km	Bijnor	RHS (of Existing Road)	PF	Kachhapura
Area Type	0.5574	Km 78+950 to Km 79+330	5581.8	Bijnor	1.132 km	Bijnor	LHS (of Existing Road)	PF	Kachhapura
	11.1077		111230		22.347				
Total Enclosed Area: 111230 sq m (as per Global Mapper)									
Total Length/Perimeter: 22.347 km (as per Global Mapper)									
Total Enclosed Area: 11.1077 Hectare, considered in Forest Land Statement									


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Area Calculation and Comparison between Google Earth and GIS software (Global Mapper) (Forest Division- Muzaffar Nagar)

Feature Measurement Information

Selected Feature Information

<ENCLOSED_ARE...	<PERIMETER>	AREA OF DIVERSION	CHAINAGE	FOREST DIVISION	RANGE	SIDE	SURVEY NO	TYPE OF FOREST	VILLAGE
444.45 sq m	136.54 m	0.0444 Ha	Km 56+260 to Km 56+320	Muzaffar Nagar	Jansath	RHS	143	Forest Area inside WLS (as per revenue Map)	Sikhrada
376.39 sq m	81.609 m	0.0376 Ha	Km 61+730 to Km 61+760	Muzaffar Nagar	Jansath	LHS	62	Forest Area inside WLS (As per revenue Map)	Isahakwala
3173.4 sq m	392.41 m	0.3169 Ha	Km 61+026 to Km 61+730	Muzaffar Nagar	Jansath	LHS	69	Forest Area Inside WLS (as per revenue Map)	Isahakwala
101.84 sq m	75.673 m	0.0102 Ha	Km 62+100 to Km 62+135	Muzaffar Nagar	Jansath	LHS	181	Forest Land inside WLS (as per Revenue Map)	Isahakwala
192.8 sq m	95.209 m	0.0193 Ha	Km 63+490 to Km 63+495	Muzaffar Nagar	Jansath	RHS	117	Forest Land inside WLS (as per Revenue Map)	Isahakwala
903.06 sq m	124.27 m	0.0903 Ha	Km 63+720 Km to 63+745	Muzaffar Nagar	Jansath	RHS	238	Forest Land inside WLS (as per Revenue Map)	Jaitpur Gaurasiwala
1313.9 sq m	633.19 m	0.1312 Ha	Km 63+200 to Km 63+490	Muzaffar Nagar	Jansath	LHS	119	Forest Land inside WLS (as per Revenue Map)	Isahakwala
18377 sq m	1.642 km	1.8352 Ha	km 60+230 to km 61+026	Muzaffar Nagar	Jansath	LHS		RF Land inside WLS	Kailapur Jansath
20904 sq m	1.553 km	2.0875 Ha	km 60+330 to km 61+065	Muzaffar Nagar	Jansath	RHS		RF Land within WLS	Kailapur Jansath
319.60 sq m	75.376 m	0.0319 Ha	Km 63+720 Km to 63+745	Muzaffar Nagar	Jansath	LHS	238	Forest Land inside WLS (as per Revenue Map)	Jaitpur Gaurasiwala
12150 sq m	2.444 km	1.2133 Ha	km 49+282 to km 50+460	Muzaffar Nagar	Jansath	RHS		PF	Putti Ibrahimpur
12054 sq m	2.427 km	1.2047 Ha	km 49+282 to 50+460	Muzaffar Nagar	Jansath	LHS		PF	Putti Ibrahimpur
479.69 sq m	431.92 m	0.0479 Ha	Km 63+200 to Km 63+420	Muzaffar Nagar	Jansath	RHS		PF	Isahakwala
1559 sq m	192.62 m	0.1557 Ha	Km 63+025 to Km 63+050	Muzaffar Nagar	Jansath	RHS	185	Forest Land inside WLS (as per Revenue Map)	Isahakwala
942.69 sq m	469.92 m	0.0941 Ha	Km 63+275 to Km 63+495	Muzaffar Nagar	Jansath	RHS		PF	Isahakwala
230.4 sq m	113.58 m	0.0230 Ha	Km 67+070 to Km 67+ 13...	Muzaffar Nagar	Jansath	RHS		PF	Ujail Khurd Ahmatmal
1339.2 sq m	311.23 m	0.1337 Ha	Km 64+350 to Km 64+460	Muzaffar Nagar	Jansath	RHS		PF	Jaitpur Gaurasiwala
2155.2 sq m	502.1 m	0.2152 Ha	Km 64+260 to Km 64+460	Muzaffar Nagar	Jansath	LHS		PF	Jaitpur Gaurasiwala
1038.7 sq m	227.61 m	0.1037 Ha	Km 67+070 to Km 67+ 18...	Muzaffar Nagar	Jansath	LHS		PF	Ujail Khurd Ahmatmal
5898.9 sq m	1.336 km	0.5891 Ha	km 61+026 to km 61+900	Muzaffar Nagar	Jansath	LHS		PF	Kasimpur Kola
2795.7 sq m	678.43 m	0.2792 Ha	Km 63+390 to Km 63+732	Muzaffar Nagar	Jansath	LHS		PF	Jaitpur Gaurasiwala
5026.5 sq m	1.066 km	0.5020 Ha	Km 63+745 to Km 64+260	Muzaffar Nagar	Jansath	LHS		PF	Jaitpur Gaurasiwala
5761.5 sq m	1.192 km	0.5754 Ha	Km 63+745 to Km 64+350	Muzaffar Nagar	Jansath	RHS		PF	Jaitpur Gaurasiwala
2215.8 sq m	551.46 m	0.2213 Ha	Km 63+440 to Km 63+732	Muzaffar Nagar	Jansath	RHS		PF	Jaitpur Gaurasiwala
8871.2 sq m	441.95 m	0.8859 Ha	Km 64+780 to Km 64+932	Muzaffar Nagar	Jansath	BHS	28	Forest Land inside WLS (as per Revenue Map)	Ujail Khurd
42.504 sq m	36.153 m	0.0042 Ha	Km 64+852 to Km 64+868	Muzaffar Nagar	Jansath	BHS	30	Forest Land inside WLS (as per Revenue Map)	Ujail Khurd
9114.5 sq m	444.57 m	0.9102 Ha	Km 64+932 to Km 65+160	Muzaffar Nagar	Jansath	BHS	37	Forest Land inside WLS (as per Revenue Map)	Ujail Khurd
4890.9 sq m	309.63 m	0.4874 Ha	Km 65+075 to Km 65+160	Muzaffar Nagar	Jansath	BHS	32	Forest Land inside WLS (as per Revenue Map)	Ujail Khurd
6707.6 sq m	368.71 m	0.6699 Ha	Km 65+160 to Km 65+280	Muzaffar Nagar	Jansath	BHS	33	Forest Land inside WLS (as per Revenue Map)	Ujail Khurd
71.993 sq m	56.365 m	0.0072 Ha	Km 67+005 to Km 67+015	Muzaffar Nagar	Jansath	BHS	02	Forest Land inside WLS (as per Revenue Map)	Ujail Khurd Ahmatmal

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21/3/22

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2669.9 sq m	217.67 m	0.2666 Ha	Km 67+015 to Km 67+043	Muzaffar Nagar	Jansath	BHS	01	Forest Land inside WLS (as per Revenue Map)	Ujayali Khurd Ahalmatal
6640.4 sq m	250.99 m	0.6631 Ha	Km 67+043 to Km 67+100	Muzaffar Nagar	Jansath	BHS	21	Forest Land inside WLS (as per Revenue Map)	Ujayali Khurd Ahalmatal
372.47 sq m	93.55 m	0.0372 Ha	Km 61+840 to Km 61+850	Muzaffar Nagar	Jansath	RHS	03	Forest Area inside WLS (as per Revenue Map)	Isahakwala
1290.7 sq m	714.81 m	0.1289 Ha	Km 62+082 to Km 62+480	Muzaffar Nagar	Jansath	RHS	161	Forest land inside WLS (as per Revenue Map)	Isahakwala
335.56 sq m	88.573 m	0.0335 Ha	Km 62+082 to Km 62+114	Muzaffar Nagar	Jansath	RHS	178	Forest area inside WLS (as per Revenue Map)	Isahakwala
1694.3 sq m	168.55 m	0.1692 Ha	Km 62+030 to Km 62+080	Muzaffar Nagar	Jansath	RHS	185	Forest Area inside WLS (as per Revenue Map)	Isahakwala
168.63 sq m	64.137 m	0.0168 Ha	Km 62+015 to Km 62+030	Muzaffar Nagar	Jansath	RHS	186	Forest Area inside WLS (as per Revenue Map)	Isahakwala
55731 sq m	11.137 km	5.5653 Ha	km 54+670 to km 60+230	Muzaffar Nagar	Jansath	LHS		PF	Sikhreda
2102 sq m	434.67 m	0.2099 Ha	Km 56+320 to Km 56+528	Muzaffar Nagar	Jansath	RHS	145	Forest Area inside WLS (as per revenue Map)	Sikhreda
618.17 sq m	120.36 m	0.0617 Ha	Km 62+000 to Km 62+022	Muzaffar Nagar	Jansath	RHS		PF	Isahakwala
8337 sq m	1.688 km	0.8325 Ha	km 61+065 to km 61+900	Muzaffar Nagar	Jansath	RHS		PF	Kasimpur Kola
734.44 sq m	159.81 m	0.0733 Ha	Km 61+840 to Km 61+880	Muzaffar Nagar	Jansath	RHS		PF	Isahakwala
1681.4 sq m	352.66 m	0.1679 Ha	Km 61+760 to Km 61+920	Muzaffar Nagar	Jansath	LHS		PF	Isahakwala
1442.1 sq m	181.94 m	0.1440 Ha	Km 61+980 to Km 62+000	Muzaffar Nagar	Jansath	RHS		PF	Isahakwala
1427.6 sq m	362.66 m	0.1426 Ha	Km 61+980 to Km 62+185	Muzaffar Nagar	Jansath	LHS		PF	Isahakwala
5546.7 sq m	1.26 km	0.5539 Ha	Km 61+980 to Km 62+615	Muzaffar Nagar	Jansath	RHS		PF	Isahakwala
910.24 sq m	201.77 m	0.0909 Ha	Km 66+957 to Km 66+043...	Muzaffar Nagar	Jansath	LHS	...	PF	Ujayali Khurd Ahalmatal
922.29 sq m	204.09 m	0.0921 Ha	Km 66+957 to Km 66+043...	Muzaffar Nagar	Jansath	RHS	...	PF	Ujayali Khurd Ahalmatal
55746 sq m	11.33 km	5.5668 Ha	km 54+670 to km 60+330	Muzaffar Nagar	Jansath	RHS		PF	Sikhreda

Total Enclosed Area: 277824 sq m, Total Length/Perimeter: 47.54 km

Export to CSV File...

Copy to Clipboard

Close



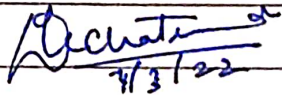
ENG IN 12:51 06-03-2022

Area Calculation and Comparison between Google Earth and GIS software (Global Mapper) (Forest Division – Muzaffar Nagar)

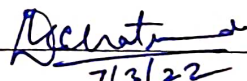
<Feature Type>	AREA OF DIVERSION (as per GOOGLE EARTH (Ha))	CHAINAGE	ENCLOSED AREA (as per Global Mapper) Sq m	FOREST DIVISION	PERIMETER	RANGE	SIDE	SURVEY NO	TYPE OF FOREST	VILLAGE
Area Type	0.0444	Km 56+260 to Km 56+320	444.45	Muzaffar Nagar	136.54 m	Jansath	RHS	143	Forest Area inside WLS (as per revenue Map)	Sikhreda
Area Type	0.0376	Km 61+730 to Km 61+760	376.39	Muzaffar Nagar	81.609 m	Jansath	LHS	62	Forest Area inside WLS (As per revenue Map)	Ishakwala
Area Type	0.3169	Km 61+026 to Km 61+730	3173.4	Muzaffar Nagar	392.41 m	Jansath	LHS	69	Forest Area Inside WLS (as per revenue Map)	Ishakwala
Area Type	0.0102	Km 62+100 to Km 62+135	101.84	Muzaffar Nagar	75.673 m	Jansath	LHS	181	Forest Land inside WLS (as per Revenue Map)	Ishakwala
Area Type	0.0193	Km 63+490 to Km 63+495	192.8	Muzaffar Nagar	95.208 m	Jansath	RHS	117	Forest Lnad inside WLS (as per Revenue Map)	Isahakwala

[Signature]
7/3/22
Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of
PIU - Meerut

Area Type	0.0903	Km 63+720 Km to 63+745	903.86	Muzaffar Nagar	124.27 m	Jansath	RHS	238	Forest Land inside WLS (as per Revenue Map)	Jaitpur Gaurasiwala
Area Type	0.1312	Km 63+200 to Km 63+490	1313.9	Muzaffar Nagar	633.19 m	Jansath	LHS	119	Forest Land inside WLS (as per Revenue Map)	Isahakwala
Area Type	1.8352	km 60+230 to km 61+026	18377	Muzaffar nagar	1.642 km	Jansath	LHS		RF Land inside WLS	Kailapur jasamor
Area Type	2.0875	km 60+330 to km 61+065	20904	Muzaffar nagar	1.553 km	Jansath	RHS		RF Land within WLS	Kailapur jasamor
Area Type	0.0319	Km 63+720 Km to 63+745	319.68	Muzaffar Nagar	75.376 m	Jansath	LHS	238	Forest Land inside WLS (as per Revenue Map)	Jaitpur Gaurasiwala
Area Type	1.2133	km 49+282 to km 50+460	12150	Muzaffar nagar	2.444 km	Jansath	RHS		PF	Putti Ibrahimpur
Area Type	1.2047	km 49+282 to 50+460	12064	Muzaffar nagar	2.427 km	Jansath	LHS		PF	Putti Ibrahimpur
Area Type	0.0479	Km 63+200 to Km 63+420	479.69	Muzaffar Nagar	431.92 m	Jansath	RHS		PF	Isahakwala
Area Type	0.1557	Km 63+025 to Km 63+050	1559	Muzaffar Nagar	192.62 m	Jansath	RHS	185	Forest Land inside WLS (as per Revenue Map)	Isahakwala
Area Type	0.0941	Km 63+275 to Km 63+495	942.69	Muzaffar Nagar	469.92 m	Jansath	RHS		PF	Isahakwala
Area Type	0.0230	Km 67+070 to Km 67+ 130 (along realignment portion)	230.4	Muzaffar Nagar	113.58 m	Jansath	RHS (of existin g road)		PF	Ujayali Khurd Ahatmatal
Area Type	0.1337	Km 64+350 to Km 64+460	1339.2	Muzaffar Nagar	311.23 m	Jansath	RHS		PF	Jaitpur Gaurasiwala
Area Type	0.2152	Km 64+260 to Km 64+460	2155.2	Muzaffar Nagar	502.1 m	Jansath	LHS		PF	Jaitpur Gaurasiwala
Area Type	0.1037	Km 67+070 to Km 67+ 180 (along realignment portion)	1038.7	Muzaffar Nagar	227.61 m	Jansath	LHS (of existin g road)		PF	Ujayali Khurd Ahatmatal
Area Type	0.5891	km 61+026 to km 61+900	5898.9	Muzaffar nagar	1.336 km	Jansath	LHS		PF	Kasimpur Kola
Area Type	0.2792	Km 63+390 to Km 63+732	2795.7	Muzaffar Nagar	678.43 m	Jansath	LHS		PF	Jaitpur Gaurasiwala
Area Type	0.5020	Km 63+745 to Km 64+260	5026.5	Muzaffar Nagar	1.066 km	Jansath	LHS		PF	Jaitpur Gaurasiwala
Area Type	0.5754	Km 63+745 to Km 64+350	5761.5	Muzaffar Nagar	1.192 km	Jansath	RHS		PF	Jaitpur Gaurasiwala
Area Type	0.2213	Km 63+440 to Km 63+732	2215.8	Muzaffar Nagar	551.46 m	Jansath	RHS		PF	Jaitpur Gaurasiwala
Area Type	0.8859	Km 64+780 to Km 64+932	8871.2	Muzaffar Nagar	441.96 m	jansath	BHS	28	Forest Land inside WLS (as per Revenue Map)	Ujaii Khurd


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 Dinesh Kumar Chaturvedi
 Project Director
 National Highways Authority of India
 PIU - Meerut

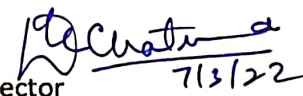
Area Type	0.0042	Km 64+852 to Km 64+868	42.504	Muzaffar Nagar	36.153 m	Jansath	BHS	30	Forest Land inside WLS (as per Revenue Map)	Ujaili Khurd
Area Type	0.9102	Km 64+932 to Km 65+160	9114.5	Muzaffar Nagar	444.57 m	Jansath	BHS	37	Forest Land inside WLS (as per Revenue Map)	Ujaili Khurd
Area Type	0.4874	Km 65+075 to Km 65+160	4880.9	Muzaffar Nagar	309.63 m	Jansath	BHS	32	Forest Land inside WLS (as per Revenue Map)	Ujaili Khurd
Area Type	0.6698	Km 65+160 o Km 65+280	6707.6	Muzaffar Nagar	368.71 m	Jansath	BHS	33	Forest Land inside WLS (as per Revenue Map)	Ujaili Khurd
Area Type	0.0072	Km 67+005 to Km 67+015	71.983	Muzaffar Nagar	56.365 m	Jansath	BHS (realignment portion)	2	Forest Land inside WLS (as per Revenue Map)	Ujayali Khurd Ahatmatal
Area Type	0.2666	Km 67+015 to Km 67+043	2669.9	Muzaffar Nagar	217.67 m	Jansath	BHS	1	Forest Land inside WLS (as per Revenue Map)	Ujayali Khurd Ahatmatal
Area Type	0.6631	Km 67+043 to Km 67+180	6640.4	Muzaffar Nagar	350.99 m	Jansath	BHS	21	Forest Land inside WLS (as per Revenue Map)	Ujayali Khurd Ahatmatal
Area Type	0.0372	Km 61+840 to Km 61+858	372.47	Muzaffar Nagar	93.55 m	Jansath	RHS	83	Forest Area inside WLS (as per Revenue Map)	Isahakwala
Area Type	0.1289	Km 62+082 to Km 62+480	1290.7	Muzaffar Nagar	714.81 m	Jansath	RHS	161	Forest land inside WLS (as per Revenue Map)	Isahakwala
Area Type	0.0335	Km 62+082 to Km 62+114	335.56	Muzaffar Nagar	88.573 m	Jansath	RHS	178	Forest area inside WLS (as per Revenue Map)	Isahakwala
Area Type	0.1692	Km 62+030 to Km 62+080	1694.3	Muzaffar Nagar	168.55 m	Jansath	RHS	185	Forest Area inside WLS (as per Revenue Map)	Isahakwala
Area Type	0.0168	Km 62+015 to Km 62+030	168.63	Muzaffar Nagar	64.137 m	Jansath	RHS	186	Forest Area inside WLS (as per Revenue Map)	Isahakwala
Area Type	5.5653	km 54+670 to km 60+230	55731	Muzaffar nagar	11.137 km	Jansath	LHS		PF	Sikhreda
Area Type	0.2099	Km 56+320 to Km 56+528	2102	Muzaffar Nagar	434.67 m	Jansath	RHS	145	Forest Area inside WLS (as per revenue Map)	Sikhreda
Area Type	0.0617	Km 62+000 to Km 62+022	618.17	Muzaffar Nagar	120.36 m	Jansath	RHS		PF	Isahakwala
Area Type	0.8325	km 61+065 to km 61+900	8337	Muzaffar nagar	1.688 km	Jansath	RHS		PF	Kasimpur Kola
Area Type	0.0733	Km 61+840 to Km 61+880	734.44	Muzaffar Nagar	159.81 m	Jansath	RHS		PF	Isahakwala
Area Type	0.1679	Km 61+760 to Km 61+920	1681.4	Muzaffar Nagar	352.66 m	Jansath	LHS		PF	Isahakwala
Area Type	0.1440	Km 61+980 to Km 62+000	1442.1	Muzaffar Nagar	181.94 m	Jansath	RHS		PF	Isahakwala
Area Type	0.1426	Km 61+980 to Km 62+185	1427.6	Muzaffar Nagar	362.66 m	Jansath	LHS		PF	Isahakwala


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Area Type	0.5539	Km 61+980 to Km 62+615	5546.7	Muzaffar Nagar	1.26 km	Jansath	RHS		PF	Isahakwala
Area Type	0.0909	Km 66+957 to Km 66+043 (along realignment portion)	910.24	Muzaffar Nagar	201.77 m	Jansath	LHS (of existin g road)		PF	Ujayali Khurd Ahatmatal
Area Type	0.0921	Km 66+957 to Km 66+043 (along realignment portion)	922.29	Muzaffar Nagar	204.08 m	Jansath	RHS (of existin g road)		PF	Ujayali Khurd Ahatmatal
Area Type	5.5668	km 54+670 to km 60+330	55746	Muzaffar Nagar	11.33 km	Jansath	RHS		PF	Sikreda
	27.7437 (Ha)									
Total Enclosed Area: 277824 sq m (as per Global Mapper)										
Total Length/Perimeter: 47.54 km (as per Global Mapper)										

Date: - 07/03/2022

Place: - Meerut


 Project Director
 Project Implementation Unit
 Meerut, Uttar Pradesh.
 Name: - Dinesh Kumar Chaturvedi
 Dinesh Kumar Chaturvedi
 Project Director
 National Highways Authority of India
 Signature & Seal PUJ - Meerut

DSS Analysis Report

कार्यालय अपर प्रधान मुख्य वन सहायक (आई०टी०), स०प्र०, लखनऊ।
(वेबसाइट-www.upforest.gov.in, ई मेल-aport@upforest.gov.in, फोन नं०-0522-2711111)

पत्रांक- 622 / 12-42-2 (जी०आई०एर०), लखनऊ, दिनांक, जून, 22, 2021
सोया गे.

प्रभागीय वनाधिकारी,
भीरजापुर वन प्रभाग,
भीरजापुर।
विषय- वन (संरक्षण) अधिनियम-1980 के अन्तर्गत वन भूमि के गैर वाणिज्यी प्रयोग की
अनुमति से सम्बन्धित परियोजनाओं में क्षतिपूर्क वृक्षारोपण हेतु प्रयोजित अवनत वन
भूमि का (DSS) Decision Support System Analysis कराये जाने के सम्बन्ध
में।

संदर्भ- आपके कार्यालय का पत्रांक-4419/भीरजापुर/16 दिनांक, जून, 15, 2021।
महोदय,

उपरोक्त विषयक संदर्भित पत्र के क्रम में DSS Analysis के लिए प्रेषित जियो
कोऑर्डिनेट/पॉलिगन के विश्लेषण फलस्वरूप उपरोक्त पॉलिगन का निष्कर्ष इस प्रकार है:-

क्र०	संभाग का नाम	चिन्हित की गयी उपयुक्त अवनत वन भूमि के रेंज का नाम	चिन्हित की गयी उपयुक्त अवनत वन भूमि के ब्लॉक एवं कम्पार्टमेंट का नाम	क्षतिपूर्क वृक्षारोपण हेतु चिन्हित की गयी उपयुक्त अवनत वन भूमि का सकल क्षेत्रफल (हे०मी)	क्षतिपूर्क वृक्षारोपण हेतु चिन्हित की गयी उपयुक्त अवनत वन भूमि का शुद्ध क्षेत्रफल (हे०मी)	क्षतिपूर्क वृक्षारोपण हेतु चिन्हित की गयी उपयुक्त अवनत वन भूमि के DSS Analysis के लिए प्रेषित जियो कोऑर्डिनेट/पॉलिगन के विश्लेषण फलस्वरूप प्राप्त निष्कर्ष	पॉलिगन की भौगोलिक स्थिति (दिये गये स्थल का है/दिये गये स्थल से अलग)	के सापेक्ष पॉलिगन का शुद्ध क्षेत्रफल (हे०मी)	के सापेक्ष 0.4 अथवा 40 प्रतिशत से कम घनत्व श्रेणी शुद्ध क्षेत्रफल (हे०मी)
1	2	3	4	5	6	7	8	9	
1	भीरजापुर वन प्रभाग	मडिहान रेंज	बेला वन ब्लॉक	55.80	50	दिये गये स्थल का है।	55.57	55.57	
2	भीरजापुर वन प्रभाग	डमण्ड गंज रेंज	बबूरा वन ब्लॉक	60	50	दिये गये स्थल का है।	62.83	41.19 हे० ओपेन फारेस्ट (10-40)%	
3	भीरजापुर वन प्रभाग	विण्ढम फाल रेंज	दांती वन ब्लॉक	68	50	दिये गये स्थल का है।	67.78	67.78	
4	भीरजापुर वन प्रभाग	पटेहरा रेंज	घोरी वन ब्लॉक	83	80	दिये गये स्थल का है।	86.32	86.32	

Proposed CA Area
against Forest
Land Diversion
under Forest
Division Bijnor
(online proposal
no- FP/UP/
ROAD/43253/2019)

आपका आदेश अनुमोदित

वनाधिकारी
वनाधिकारी वनिकों
विषय

7/3/22

Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

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5	मीरजापुर वन प्रभाग	सुफुल रेंज	सुफुल वन ब्लॉक	62	60	दिये गये स्थल का है।	4.47	4.47
6	मीरजापुर वन प्रभाग	सुमार रेंज	सफुलगाव वन ब्लॉक	20	20	दिये गये स्थल का है।	21.38	21.38
7	मीरजापुर वन प्रभाग	लालगंज रेंज	लालगंज वन ब्लॉक	65	60	दिये गये स्थल का है।	60.99	60.99
8	मीरजापुर वन प्रभाग	मीरजापुर रेंज	अकोशी वन ब्लॉक	65	60	दिये गये स्थल का है।	60.37	60.37
				448.8	400	योग	399.59	378.05

नोट-कम सं०-2 के पालीगॉन में 21.84 हे० क्षेत्रफल 25 करोड़ वृक्षारोपण 2020 पर अतिरिक्तित है।

संलग्नक-मानचित्र एवं विवरण जी०आई०ए० सं० 10111 के सापेक्ष पोर्टल पर अपलोड।

भवदीय,

(विष्णु सिंह)

अपर प्रधान मुख्य वन संरक्षक,
आई०टी०, उत्तर प्रदेश, लखनऊ।

धारा 21 के अन्तर्गत

22-7-21
सहायक निदेशक
सामाजिक वानिकी
मिर्जापुर

7/3/2022

Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PTU - Meerut

कार्यालय नमुख्य वन संरक्षक (आई0टी0), उ0प्र0, लखनऊ।

(वेबसाइट-www.upforest.gov.in, ई मेल-upceffit-up@nic.in, फोन नं0-0522-2716818)

पत्रांक- 634 / 12-42-2 (जी0आई0एस0), लखनऊ, दिनांक, जून, 29 2021

सेवा में,

प्रभागीय वनधिकारी,
शिवालिक वन प्रभाग,
सहस्रपुर।

विषय-

Forest Land Diversion Proposal for "Improvement and UP-Gradation to 4-Lane Configuration of Meerut-Nazhabad Section of NH-119 Between Km. 39+165 to Km. 79+330 (in Muzaffarnagar-Forest Division) in the State of Uttar Pradesh. (FP/UP/Road/43253/2019)

संदर्भ:-

आपके कार्यालय का पत्रांक-3172/14-1 दिनांकित, सहस्रपुर, जून, 25, 2021।

महोदय,

उपरोक्त विषयक संदर्भित पत्र के क्रम में DSS Analysis के लिए प्रेषित जियां कोआर्डिनेट/पॉलिगान के विश्लेषण फलस्वरूप उपरोक्त पॉलिगान का निष्कर्ष इस प्रकार है:-

क्र0स 0	प्रभाग का नाम	चिन्हित की गयी उपयुक्त अवनत वन भूमि के रेंज का नाम	चिन्हित की गयी उपयुक्त अवनत वन भूमि के ब्लाक एवं कम्पार्टमेंट का नाम	क्षतिपूरक वृक्षारोपण हेतु चिन्हित की गयी उपयुक्त अवनत वन भूमि का सकल क्षेत्रफल (हे0में)	क्षतिपूरक वृक्षारोपण हेतु चिन्हित की गयी उपयुक्त अवनत वन भूमि का शुद्ध क्षेत्रफल (हे0में)	क्षतिपूरक वृक्षारोपण हेतु चिन्हित की गयी उपयुक्त अवनत वन भूमि के DSS Analysis के लिए प्रेषित जियां कोआर्डिनेट/पॉलिगान के विश्लेषण फलस्वरूप प्राप्त निष्कर्ष		
						पॉलिगान की भौगोलिक स्थिति (दिये गये स्थल का है/दिये गये स्थल से अलग)	के सापेक्ष पॉलिगान का शुद्ध क्षेत्रफल (हे0में)	के सापेक्ष 0. 4 अथवा 40 प्रतिशत से कम घनत्व श्रेणी शुद्ध क्षेत्रफल (हे0में)
1	2	3	4	5	6	7	8	9
1	शिवालिक वन प्रभाग	बड़कला रेंज	बादशाहीबाग भाग-1	10	10	दिये गये स्थल का है।	10.36	10.36
2	शिवालिक वन प्रभाग	बड़कला रेंज	बादशाहीबाग भाग-2	10	10	दिये गये स्थल का है।	10.53	10.53
3	शिवालिक वन प्रभाग	मोहण्ड रेंज	खजनावर भाग-2	10	10	दिये गये स्थल का है।	10.36	10.36
	शिवालिक वन प्रभाग	मोहण्ड रेंज	खजनावर भाग-3	10	10	दिये गये स्थल का है।	10.26	10.26
	शिवालिक वन प्रभाग	शाकुम्भरी रेंज	सहन्सरा भाग-5	10	10	दिये गये स्थल का है।	10.33	10.33

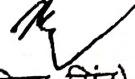
नया प्रति प्रमाणित

(सूचक)
प्रभागीय निदेशक
सामाजिक कानिकी प्रभाग
मुजफ्फरनगरDinesh Kumar Chaturvedi
Project DirectorNational Highways Authority of India
PRU - Meerut

6	शिवालिक वन प्रभाग	शाकुम्भरी रेंज	सहन्सरा भाग-6	6.00	6.00	दिये गये स्थल का है।	6.08	6.08
				56.00	56.00	योग	57.92	57.92

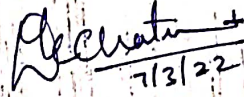
संलग्नक:-मानचित्र एवं विवरण जी0आई0एस0 10113 के सार्वक्ष पोर्टल पर अपलोड।

भवदीय,


(विष्णु सिंह)

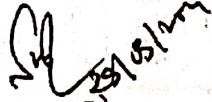
अपर प्रधान मुख्य वन संरक्षक,
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2/12

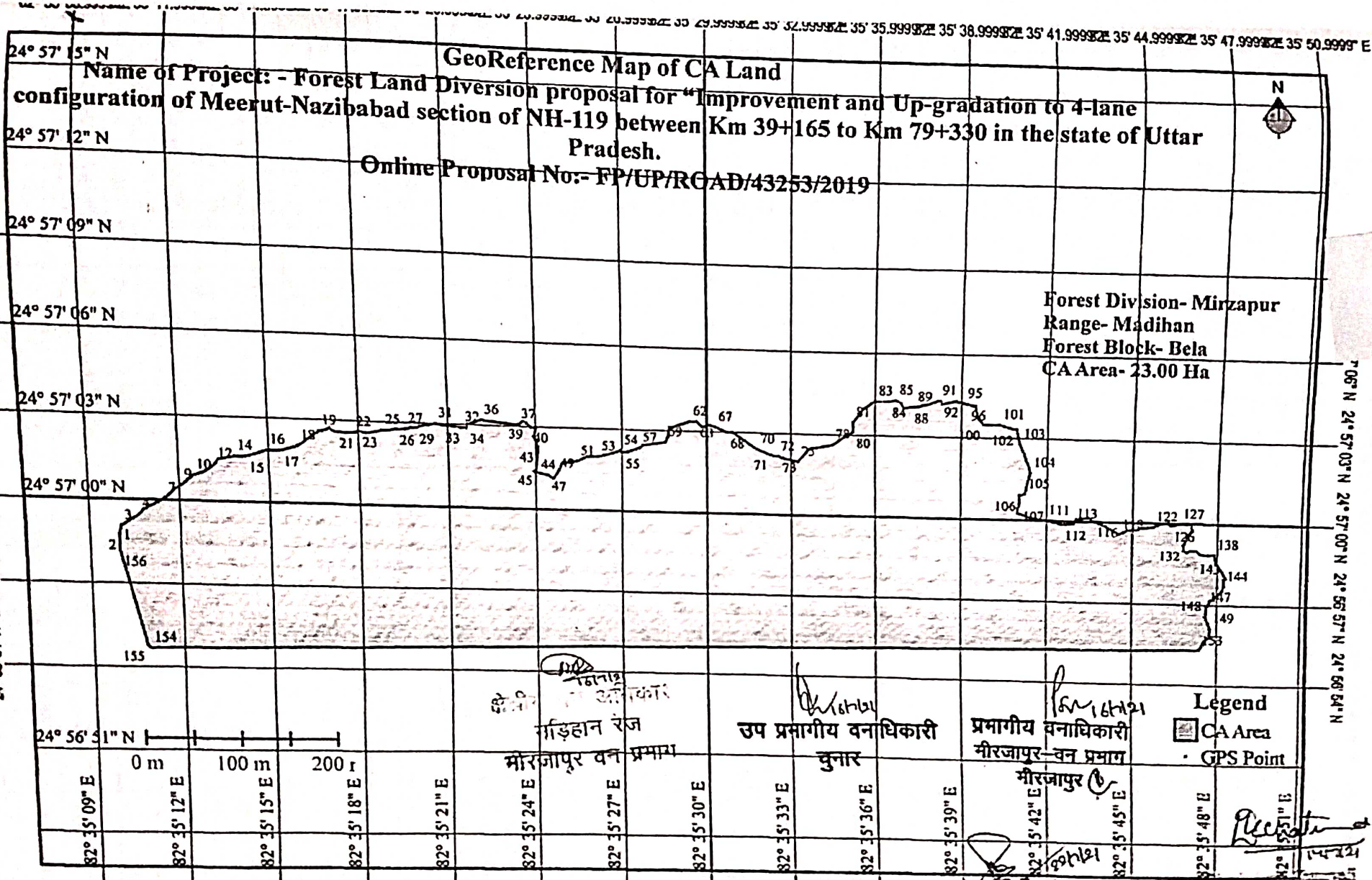

7/3/22

Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

प्रमाणित


(सूरज)

प्रभागीय निदेशक
प्रामाजिक वानिकी प्रभाग
लखनऊ



Signature
7/3/21

Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

Signature
प्रमाणिक वन प्रभाग
बिबनोर

प्रमाणिक वन प्रभाग
मीरजापुर-वन प्रभाग

Signature
Pranav Dine

M2N

List of Cordiant for proposed CA Land under Forest Division Mirzapur, Range-Madihan, Forest Block-Bela.

GPS	Longitude	Latitude	GPS	Longitude	Latitude
1	82° 35' 09.9661" E	24° 56' 58.3206" N	51	82° 35' 25.4432" E	24° 57' 01.7930" N
2	82° 35' 09.9623" E	24° 56' 58.7421" N	52	82° 35' 25.7984" E	24° 57' 01.9759" N
3	82° 35' 10.0235" E	24° 56' 59.0420" N	53	82° 35' 26.1685" E	24° 57' 01.9844" N
4	82° 35' 10.6467" E	24° 56' 59.4627" N	54	82° 35' 26.9457" E	24° 57' 02.2258" N
5	82° 35' 10.7860" E	24° 56' 59.6319" N	55	82° 35' 27.0037" E	24° 57' 02.1560" N
6	82° 35' 10.9826" E	24° 56' 59.7569" N	56	82° 35' 27.0615" E	24° 57' 02.1617" N
7	82° 35' 11.5200" E	24° 57' 00.0600" N	57	82° 35' 27.6083" E	24° 57' 02.3471" N
8	82° 35' 11.8800" E	24° 57' 00.4200" N	58	82° 35' 27.7459" E	24° 57' 02.4594" N
9	82° 35' 12.0616" E	24° 57' 00.5375" N	59	82° 35' 28.5274" E	24° 57' 02.5724" N
10	82° 35' 12.4800" E	24° 57' 00.9000" N	60	82° 35' 28.6200" E	24° 57' 02.7600" N
11	82° 35' 12.9000" E	24° 57' 01.0800" N	61	82° 35' 28.6826" E	24° 57' 03.1194" N
12	82° 35' 13.2062" E	24° 57' 01.3172" N	62	82° 35' 29.4000" E	24° 57' 03.3600" N
13	82° 35' 13.3248" E	24° 57' 01.5048" N	63	82° 35' 29.6400" E	24° 57' 03.5000" N
14	82° 35' 13.8634" E	24° 57' 01.6202" N	64	82° 35' 29.8200" E	24° 57' 03.1800" N
15	82° 35' 14.2239" E	24° 57' 01.6228" N	65	82° 35' 30.0600" E	24° 57' 03.2400" N
16	82° 35' 14.9339" E	24° 57' 01.8615" N	66	82° 35' 30.1200" E	24° 57' 03.2400" N
17	82° 35' 15.3646" E	24° 57' 01.8617" N	67	82° 35' 30.3000" E	24° 57' 03.1800" N
18	82° 35' 15.9600" E	24° 57' 02.0400" N	68	82° 35' 30.7200" E	24° 57' 03.0000" N
19	82° 35' 16.6800" E	24° 57' 02.5800" N	69	82° 35' 30.9000" E	24° 57' 03.0000" N
20	82° 35' 17.0411" E	24° 57' 02.6981" N	70	82° 35' 31.8000" E	24° 57' 02.4000" N
21	82° 35' 17.2330" E	24° 57' 02.5818" N	71	82° 35' 32.2836" E	24° 57' 02.2208" N
22	82° 35' 17.8193" E	24° 57' 02.5830" N	72	82° 35' 32.5215" E	24° 57' 02.1607" N
23	82° 35' 18.0070" E	24° 57' 02.6423" N	73	82° 35' 32.5806" E	24° 57' 02.1606" N
24	82° 35' 18.2469" E	24° 57' 02.5816" N	74	82° 35' 32.7040" E	24° 57' 02.1016" N
25	82° 35' 18.7850" E	24° 57' 02.6993" N	75	82° 35' 33.2445" E	24° 57' 01.9841" N
26	82° 35' 19.2585" E	24° 57' 02.7575" N	76	82° 35' 33.6000" E	24° 57' 02.4000" N
27	82° 35' 19.5596" E	24° 57' 02.7618" N	77	82° 35' 33.6601" E	24° 57' 02.4623" N
28	82° 35' 19.7417" E	24° 57' 02.8242" N	78	82° 35' 34.4955" E	24° 57' 02.6314" N
29	82° 35' 19.9254" E	24° 57' 02.8224" N	79	82° 35' 34.9177" E	24° 57' 02.9335" N
30	82° 35' 20.0458" E	24° 57' 02.8833" N	80	82° 35' 35.2193" E	24° 57' 03.1145" N
31	82° 35' 20.5817" E	24° 57' 02.9963" N	81	82° 35' 35.2214" E	24° 57' 03.4703" N
32	82° 35' 21.4827" E	24° 57' 02.8795" N	82	82° 35' 35.5811" E	24° 57' 03.9643" N
33	82° 35' 21.5412" E	24° 57' 02.8840" N	83	82° 35' 36.0006" E	24° 57' 04.2615" N
34	82° 35' 21.6239" E	24° 57' 02.8806" N	84	82° 35' 36.4755" E	24° 57' 04.2546" N
35	82° 35' 21.6608" E	24° 57' 03.0030" N	85	82° 35' 36.7193" E	24° 57' 04.3130" N
36	82° 35' 22.1439" E	24° 57' 03.1808" N	86	82° 35' 36.8987" E	24° 57' 04.1955" N
37	82° 35' 23.4031" E	24° 57' 03.0629" N	87	82° 35' 37.0156" E	24° 57' 04.0262" N
38	82° 35' 23.5816" E	24° 57' 03.1814" N	88	82° 35' 37.2576" E	24° 57' 04.0717" N
39	82° 35' 23.7021" E	24° 57' 03.1214" N	89	82° 35' 37.3740" E	24° 57' 04.0751" N
40	82° 35' 23.8218" E	24° 57' 03.0007" N	90	82° 35' 37.8544" E	24° 57' 04.1873" N
41	82° 35' 24.0006" E	24° 57' 02.9390" N	91	82° 35' 38.2227" E	24° 57' 04.3227" N
42	82° 35' 23.9425" E	24° 57' 02.6378" N	92	82° 35' 38.2820" E	24° 57' 04.3189" N
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44	82° 35' 24.0640" E	24° 57' 02.0391" N	94	82° 35' 38.8145" E	24° 57' 04.3181" N
45	82° 35' 24.0016" E	24° 57' 01.4418" N	95	82° 35' 39.0902" E	24° 57' 04.2353" N
46	82° 35' 23.9375" E	24° 57' 01.3791" N	96	82° 35' 39.2345" E	24° 57' 04.2096" N
47	82° 35' 24.4211" E	24° 57' 01.2622" N	97	82° 35' 39.4846" E	24° 57' 04.1462" N
48	82° 35' 24.5990" E	24° 57' 01.1411" N	98	82° 35' 39.5432" E	24° 57' 03.9053" N
49	82° 35' 24.7249" E	24° 57' 01.3171" N	99	82° 35' 39.5410" E	24° 57' 03.7809" N
50	82° 35' 24.9006" E	24° 57' 01.6824" N		82° 35' 39.7816" E	24° 57' 03.4827" N

Dinesh Kumar Chaturvedi

Project Director

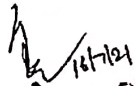
National Highways Authority of India

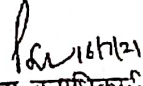
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प्रभागीय एनालिसिस
मीरजापुर-72 ममी/1

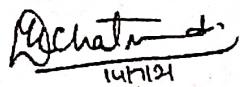
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103	82° 35' 41.0502" E	24° 57' 02.7788" N	131	82° 35' 46.9294" E	24° 56' 59.4776" N
104	82° 35' 41.4080" E	24° 57' 01.7482" N	132	82° 35' 46.8025" E	24° 56' 59.1889" N
105	82° 35' 41.2217" E	24° 57' 00.9636" N	133	82° 35' 46.8088" E	24° 56' 59.0042" N
106	82° 35' 41.0434" E	24° 57' 00.9045" N	134	82° 35' 46.9241" E	24° 56' 58.9330" N
107	82° 35' 41.0397" E	24° 57' 00.5424" N	135	82° 35' 47.0571" E	24° 56' 58.9906" N
108	82° 35' 40.9798" E	24° 57' 00.4218" N	136	82° 35' 47.2422" E	24° 56' 58.9933" N
109	82° 35' 40.9850" E	24° 57' 00.2462" N	137	82° 35' 47.4219" E	24° 56' 58.8667" N
110	82° 35' 41.5257" E	24° 57' 00.0644" N	138	82° 35' 47.8819" E	24° 56' 58.8667" N
111	82° 35' 41.9422" E	24° 57' 00.0026" N	139	82° 35' 47.9439" E	24° 56' 58.5556" N
112	82° 35' 42.5103" E	24° 56' 59.8776" N	140	82° 35' 48.0025" E	24° 56' 58.5006" N
113	82° 35' 42.9154" E	24° 56' 59.9025" N	141	82° 35' 48.1224" E	24° 56' 58.3192" N
114	82° 35' 43.0308" E	24° 57' 00.0727" N	142	82° 35' 48.2961" E	24° 56' 58.0063" N
115	82° 35' 43.4557" E	24° 57' 00.1388" N	143	82° 35' 48.2356" E	24° 56' 57.9528" N
116	82° 35' 43.6356" E	24° 57' 00.0136" N	144	82° 35' 48.2342" E	24° 56' 57.7067" N
117	82° 35' 44.0575" E	24° 56' 59.8405" N	145	82° 35' 48.1771" E	24° 56' 57.5307" N
118	82° 35' 44.5292" E	24° 56' 59.5492" N	146	82° 35' 47.7608" E	24° 56' 57.1686" N
119	82° 35' 44.8228" E	24° 56' 59.7141" N	147	82° 35' 47.6362" E	24° 56' 56.9326" N
120	82° 35' 45.1515" E	24° 56' 59.7278" N	148	82° 35' 47.5852" E	24° 56' 56.5611" N
121	82° 35' 45.2623" E	24° 56' 59.7935" N	149	82° 35' 47.7542" E	24° 56' 56.1343" N
122	82° 35' 45.7094" E	24° 56' 59.8470" N	150	82° 35' 47.7519" E	24° 56' 55.8909" N
123	82° 35' 45.9775" E	24° 56' 59.9658" N	151	82° 35' 47.7001" E	24° 56' 55.7708" N
124	82° 35' 46.2723" E	24° 57' 00.0270" N	152	82° 35' 47.5817" E	24° 56' 55.6601" N
125	82° 35' 46.2721" E	24° 56' 59.9689" N	153	82° 35' 47.3685" E	24° 56' 55.3032" N
126	82° 35' 46.3387" E	24° 56' 59.9106" N	154	82° 35' 10.8579" E	24° 56' 54.6702" N
127	82° 35' 46.6478" E	24° 56' 59.9714" N	155	82° 35' 10.7709" E	24° 56' 54.7633" N
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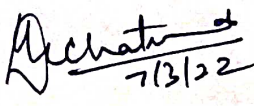

 क्षेत्रीय वन अधिकारी
 मड़िहान रेंज
 मीरजापुर वन प्रभाग


 उप प्रभागीय वनाधिकारी
 पुनार


 प्रभागीय वनाधिकारी
 मीरजापुर-वन प्रभाग
 मीरजापुर


 प्रभागीय निर्देशक
 सामाजिक वानिकी प्रभाग
 बिजनौर


 Jinesh Kumar Chaturvedi
 Project Director
 National Highways Authority of India
 PIU - Meerut


 Dinesh Kumar Chaturvedi
 Project Director
 National Highways Authority of India
 PIU - Meerut

Annexure-III

List of Cordiant for proposed CA Land under Forest Division Mirzapur, Range-Madhihan, Forest Block-Bela.

GPS	Longitude	Latitude	GPS	Longitude	Latitude
1	82° 35' 09.9661" E	24° 56' 58.3206" N	51	82° 35' 25.4432" E	24° 57' 01.7930" N
2	82° 35' 09.9623" E	24° 56' 58.7421" N	52	82° 35' 25.7984" E	24° 57' 01.9759" N
3	82° 35' 10.0235" E	24° 56' 59.0420" N	53	82° 35' 26.1685" E	24° 57' 01.9844" N
4	82° 35' 10.6467" E	24° 56' 59.4627" N	54	82° 35' 26.9457" E	24° 57' 02.2258" N
5	82° 35' 10.7860" E	24° 56' 59.6339" N	55	82° 35' 27.0037" E	24° 57' 02.1560" N
6	82° 35' 10.9826" E	24° 56' 59.7569" N	56	82° 35' 27.0615" E	24° 57' 02.1617" N
7	82° 35' 11.5200" E	24° 57' 00.0600" N	57	82° 35' 27.6083" E	24° 57' 02.3471" N
8	82° 35' 11.8800" E	24° 57' 00.4200" N	58	82° 35' 27.7459" E	24° 57' 02.4594" N
9	82° 35' 12.0616" E	24° 57' 00.5375" N	59	82° 35' 28.5274" E	24° 57' 02.5724" N
10	82° 35' 12.4800" E	24° 57' 00.9000" N	60	82° 35' 28.6200" E	24° 57' 02.7600" N
11	82° 35' 12.9000" E	24° 57' 01.0800" N	61	82° 35' 28.6826" E	24° 57' 03.1194" N
12	82° 35' 13.2062" E	24° 57' 01.3172" N	62	82° 35' 29.4000" E	24° 57' 03.3600" N
13	82° 35' 13.3248" E	24° 57' 01.5048" N	63	82° 35' 29.6400" E	24° 57' 03.3600" N
14	82° 35' 13.8634" E	24° 57' 01.6202" N	64	82° 35' 29.8200" E	24° 57' 03.1800" N
15	82° 35' 14.2239" E	24° 57' 01.6228" N	65	82° 35' 30.0600" E	24° 57' 03.2400" N
16	82° 35' 14.9339" E	24° 57' 01.8615" N	66	82° 35' 30.1200" E	24° 57' 03.2400" N
17	82° 35' 15.3646" E	24° 57' 01.8617" N	67	82° 35' 30.3000" E	24° 57' 03.1800" N
18	82° 35' 15.9600" E	24° 57' 02.0400" N	68	82° 35' 30.7200" E	24° 57' 03.0000" N
19	82° 35' 16.6800" E	24° 57' 02.5800" N	69	82° 35' 30.9000" E	24° 57' 03.0000" N
20	82° 35' 17.0411" E	24° 57' 02.6981" N	70	82° 35' 31.8000" E	24° 57' 02.4000" N
21	82° 35' 17.2330" E	24° 57' 02.5818" N	71	82° 35' 32.2836" E	24° 57' 02.2208" N
22	82° 35' 17.8193" E	24° 57' 02.5830" N	72	82° 35' 32.5215" E	24° 57' 02.1607" N
23	82° 35' 18.0070" E	24° 57' 02.6423" N	73	82° 35' 32.5806" E	24° 57' 02.1606" N
24	82° 35' 18.2469" E	24° 57' 02.5816" N	74	82° 35' 32.7040" E	24° 57' 02.1016" N
25	82° 35' 18.7850" E	24° 57' 02.6993" N	75	82° 35' 33.2445" E	24° 57' 01.9841" N
26	82° 35' 19.2585" E	24° 57' 02.7575" N	76	82° 35' 33.6000" E	24° 57' 02.4000" N
27	82° 35' 19.5596" E	24° 57' 02.7618" N	77	82° 35' 33.6601" E	24° 57' 02.4623" N
28	82° 35' 19.7417" E	24° 57' 02.8242" N	78	82° 35' 34.4955" E	24° 57' 02.6314" N
29	82° 35' 19.9254" E	24° 57' 02.8224" N	79	82° 35' 34.9177" E	24° 57' 02.9335" N
30	82° 35' 20.0458" E	24° 57' 02.8833" N	80	82° 35' 35.2193" E	24° 57' 03.1145" N
31	82° 35' 20.5817" E	24° 57' 02.9963" N	81	82° 35' 35.2214" E	24° 57' 03.4703" N
32	82° 35' 21.4827" E	24° 57' 02.8795" N	82	82° 35' 35.5811" E	24° 57' 03.9643" N
33	82° 35' 21.5412" E	24° 57' 02.8840" N	83	82° 35' 36.0006" E	24° 57' 04.2615" N
34	82° 35' 21.6239" E	24° 57' 02.8806" N	84	82° 35' 36.4755" E	24° 57' 04.2546" N
35	82° 35' 21.6608" E	24° 57' 03.0030" N	85	82° 35' 36.7193" E	24° 57' 04.3130" N
36	82° 35' 22.1439" E	24° 57' 03.1808" N	86	82° 35' 36.8987" E	24° 57' 04.1955" N
37	82° 35' 23.4031" E	24° 57' 03.0629" N	87	82° 35' 37.0156" E	24° 57' 04.0262" N
38	82° 35' 23.5816" E	24° 57' 03.1814" N	88	82° 35' 37.2576" E	24° 57' 04.0717" N
39	82° 35' 23.7021" E	24° 57' 03.1214" N	89	82° 35' 37.3740" E	24° 57' 04.0751" N
40	82° 35' 23.8218" E	24° 57' 03.0007" N	90	82° 35' 37.8544" E	24° 57' 04.1873" N
41	82° 35' 24.0006" E	24° 57' 02.9390" N	91	82° 35' 38.2227" E	24° 57' 04.3227" N
42	82° 35' 23.9425" E	24° 57' 02.6378" N	92	82° 35' 38.2820" E	24° 57' 04.3189" N
43	82° 35' 24.0626" E	24° 57' 02.2828" N	93	82° 35' 38.3425" E	24° 57' 04.1997" N
44	82° 35' 24.0640" E	24° 57' 02.0391" N	94	82° 35' 38.8145" E	24° 57' 04.3181" N
45	82° 35' 24.0016" E	24° 57' 01.4418" N	95	82° 35' 39.0902" E	24° 57' 04.2353" N
46	82° 35' 23.9375" E	24° 57' 01.3791" N	96	82° 35' 39.2345" E	24° 57' 04.2096" N
47	82° 35' 24.4211" E	24° 57' 01.2622" N	97	82° 35' 39.4846" E	24° 57' 04.1462" N
48	82° 35' 24.5990" E	24° 57' 01.1411" N	98	82° 35' 39.5432" E	24° 57' 03.9053" N
49	82° 35' 24.7249" E	24° 57' 01.3171" N	99	82° 35' 39.5410" E	24° 57' 03.7809" N
50	82° 35' 24.9006" E	24° 57' 01.6824" N	100	82° 35' 39.7816" E	24° 57' 03.4827" N

Dinesh Kumar Chaturvedi
7/31/22
Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

Dinesh Kumar Chaturvedi
14/11/21
Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

101	82° 35' 40.3284" E	24° 57' 03.4871" N	129	82° 35' 47.1121" E	24° 56' 59.7243" N
102	82° 35' 40.9276" E	24° 57' 03.3072" N	130	82° 35' 46.9250" E	24° 56' 59.5382" N
103	82° 35' 41.0502" E	24° 57' 02.7788" N	131	82° 35' 46.9294" E	24° 56' 59.4776" N
104	82° 35' 41.4080" E	24° 57' 01.7482" N	132	82° 35' 46.8025" E	24° 56' 59.1889" N
105	82° 35' 41.2217" E	24° 57' 00.9636" N	133	82° 35' 46.8088" E	24° 56' 59.0042" N
106	82° 35' 41.0434" E	24° 57' 00.9045" N	134	82° 35' 46.9241" E	24° 56' 58.9330" N
107	82° 35' 41.0397" E	24° 57' 00.5424" N	135	82° 35' 47.0571" E	24° 56' 58.9906" N
108	82° 35' 40.9798" E	24° 57' 00.4218" N	136	82° 35' 47.2422" E	24° 56' 58.9933" N
109	82° 35' 40.9850" E	24° 57' 00.2462" N	137	82° 35' 47.4219" E	24° 56' 58.8667" N
110	82° 35' 41.5257" E	24° 57' 00.0644" N	138	82° 35' 47.8819" E	24° 56' 58.8667" N
111	82° 35' 41.9422" E	24° 57' 00.0026" N	139	82° 35' 47.9439" E	24° 56' 58.5556" N
112	82° 35' 42.5103" E	24° 56' 59.8776" N	140	82° 35' 48.0025" E	24° 56' 58.5006" N
113	82° 35' 42.9154" E	24° 56' 59.9025" N	141	82° 35' 48.1224" E	24° 56' 58.3192" N
114	82° 35' 43.0308" E	24° 57' 00.0727" N	142	82° 35' 48.2961" E	24° 56' 58.0063" N
115	82° 35' 43.4557" E	24° 57' 00.1388" N	143	82° 35' 48.2356" E	24° 56' 57.9528" N
116	82° 35' 43.6356" E	24° 57' 00.0136" N	144	82° 35' 48.2342" E	24° 56' 57.7067" N
117	82° 35' 44.0575" E	24° 56' 59.8405" N	145	82° 35' 48.1771" E	24° 56' 57.5307" N
118	82° 35' 44.5292" E	24° 56' 59.5492" N	146	82° 35' 47.7608" E	24° 56' 57.1686" N
119	82° 35' 44.8228" E	24° 56' 59.7141" N	147	82° 35' 47.6362" E	24° 56' 56.9326" N
120	82° 35' 45.1515" E	24° 56' 59.7278" N	148	82° 35' 47.5852" E	24° 56' 56.5611" N
121	82° 35' 45.2623" E	24° 56' 59.7935" N	149	82° 35' 47.7542" E	24° 56' 56.1343" N
122	82° 35' 45.7094" E	24° 56' 59.8470" N	150	82° 35' 47.7519" E	24° 56' 55.8909" N
123	82° 35' 45.9775" E	24° 56' 59.9658" N	151	82° 35' 47.7001" E	24° 56' 55.7708" N
124	82° 35' 46.2723" E	24° 57' 00.0270" N	152	82° 35' 47.5817" E	24° 56' 55.6601" N
125	82° 35' 46.2721" E	24° 56' 59.9689" N	153	82° 35' 47.3685" E	24° 56' 55.3032" N
126	82° 35' 46.3387" E	24° 56' 59.9106" N	154	82° 35' 10.8579" E	24° 56' 54.6702" N
127	82° 35' 46.6478" E	24° 56' 59.9714" N	155	82° 35' 10.7709" E	24° 56' 54.7633" N
128	82° 35' 47.0649" E	24° 56' 59.9695" N	156	82° 35' 09.9565" E	24° 56' 58.1745" N

16/7/21
क्षेत्रीय वन अधिकारी
मड़िहान रेंज
मीरजापुर वन प्रभाग:

16/7/21
उप प्रभागीय वनाधिकारी
चुनार

16/7/21
प्रभागीय वनाधिकारी
मीरजापुर-वन प्रभाग
मीरजापुर

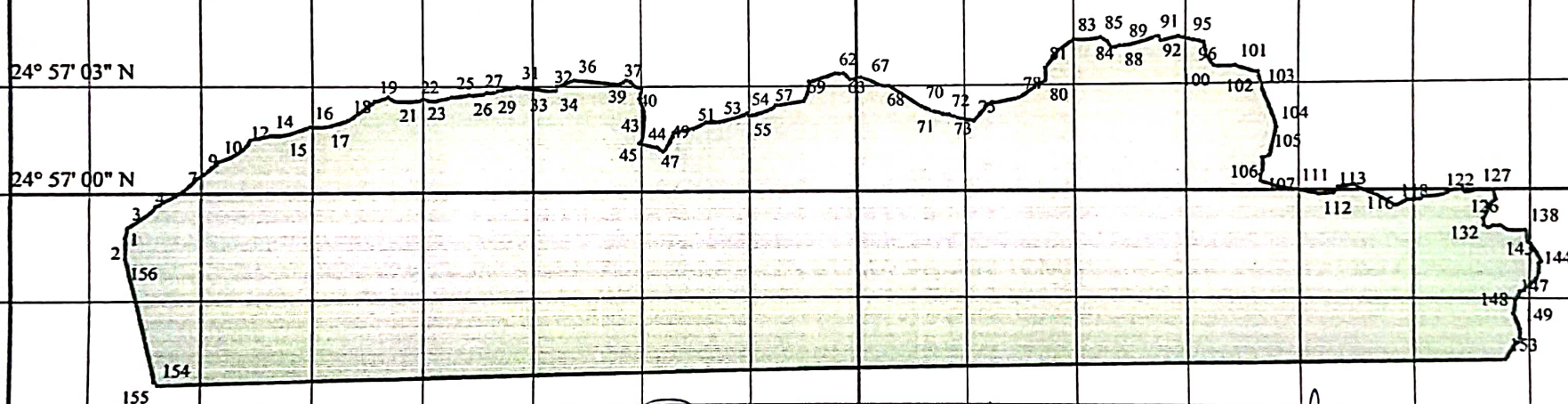
7/3/22
Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

16/7/21
Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

22/7/21
प्रभागीय निदेशक
सामाजिक वानिकी प्रभाग
बिजनौर

[illegible]

Forest Division- Mirzapur	
Range- Madihan	
Forest Block- Bela	
CA Area- 23.00 Ha	



Legend

CA Area
• GPS Point

क्षेत्रीय वन अधिकारी
मडिहान रेंज
मीरजापुर वन विभाग

उप प्रभागीय दनाधिकारी	
चुनार	

प्रभागीय वनाधिकारी
भीरजापुर-वन प्रभाग
भीरजापुर

[Signature]
Ajay Kumar Singh
Director
National Highways Authority of India
PIU - Meerut

प्रमाणित निदेशक
सामाजिक विकास प्रमाणित
विश्वविद्यालय

9999 35 47 9999 35 48
Dinesh Kumar Chaurvedi
Project Director
National Highways Authority of India
9999 35 47 9999 35 48
Pili - Meera

82° 35' 08.9999" E 35' 11.9999" N 35' 14.9999" E 35' 17.9999" E 35' 20.9999" E 35' 23.9999" E 35' 26.9999" E 35' 29.9999" E 35' 32.9999" E 35' 35.9999" E 35' 38.9999" E 35' 41.9999" E 35' 44.9999" E 35' 47.9999" E 35' 50.9999" E

कार्यालय प्रभागीय निदेशक सामाजिक वानिकी प्रभाग, बिजनौर
पत्रांक ५२५३/१४-१ बिजनौर दिनांक जून, २३, २०२१

सेवा में

वन संरक्षक एवं क्षेत्रीय निदेशक

मुरादाबाद वृत्त, मुरादाबाद।

विषय:- Forest land Diversion proposal for "Improvement and Up-gradation to 4-lane configuration of Meerut -Najibabad section of NH-119+ between km.39+165 to Km.79+330 in the State of Uttar Pradesh-Revised proposal.

सन्दर्भ:- भारतीय राष्ट्रीय राजमार्ग प्राधिकरण पी०आई०यू० मेरठ का पत्र संख्या-NHAI/PIU-MRT/66012/2021/D-22062 date 16-06-2020

महोदय,

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण परियोजना कार्यान्वयन इकाई मेरठ द्वारा जनपद बिजनौर में अन्तर्गत Meerut -Najibabad section of NH-119+ between km.39+165 to Km.79+330 के चौड़ीकरण/सूददीकरण हेतु 11.1077 हे० संरक्षित वन भूमि गैर वानिकी प्रयोग एवं उक्त मार्ग पर अवस्थित विभिन्न प्रजाति 4316 वृक्षों के पातन का संशोधित प्रस्ताव इस कार्यालय को प्राप्त हुआ है। उक्त के क्रम में सादर अवगत कराना है कि परियोजना में 11.1077 हे० संरक्षित वन भूमि के बदले क्षतिपूरक वनीकरण हेतु दोगुना वन भूमि 22.2154 अर्थात् 23.00 हे० की आवश्यकता होगी, तत्क्रम यह भी अवगत कराना है कि विषयक परियोजना में क्षतिपूरक वनीकरण हेतु 23.00 हे० वन भूमि इस वन प्रभाग, में उपलब्ध नहीं है।

अतः आपसे अनुरोध है कि विषयक परियोजना में क्षतिपूरक वनीकरण हेतु 0.4 से कम 23.00 हे० अवनत वन भूमि उपलब्ध कराने हेतु किसी अन्य वन प्रभाग, को लिखने/निर्देशित करने का कष्ट करे।

भवदीय

प्रभागीय निदेशक
सामाजिक वानिकी प्रभाग,
बिजनौर।

पत्रांक /१४-१ उक्तदिनांक

प्रतिलिपि मुख्य वन संरक्षक, रुहेलखण्ड जोन उत्तर प्रदेश बरेली की सेवा में सादर सूचनार्थ प्रेषित।

प्रतिलिपि भारतीय राष्ट्रीय राजमार्ग प्राधिकरण पी०आई०यू० मेरठ का पत्र संख्या-NHAI/PIU-MRT/66012/2021/D-22062 date 16-06-2020 को सूचनार्थ प्रेषि

प्रभागीय निदेशक
सामाजिक वानिकी प्रभाग,
बिजनौर।

Dinesh Kumar Chaturvedi
7/3/22

Dinesh Kumar Chaturvedi 561
Project Director
National Highways Authority of India
PIU - Meerut

Annexure-V

Undertaking to obtain NOC from Irrigation Department

Name of Project Road- Forest Land Diversion proposal for "Improvement and Up-gradation to 4-lane configuration of Meerut-Nazibabad section of NH-119 between Km 39+165 to Km 79+330 in the state of Uttar Pradesh".

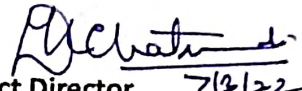
Online Proposal No: - FP/UP/ROAD/43253/2019

This is to state that project requires NOC from Irrigation Department for construction and upgradation of project road near/across Ganga River and Canal. As of now process for obtaining NOC from Irrigation Department is under progress.

Further this to undertake that User Agency, NHAI-PIU Meerut will obtain the NOC from the concerned department and the same will be submitted.

Date: - 07/03/2022

Place: - Meerut


Project Director 7/3/22
Project Implementation Unit
Meerut, Uttar Pradesh.
Name: - Dinesh Kumar Chaturvedi

Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
Signature & Seal Meerut

Annexure- VI
Muck Disposal Plan

Name of Project: - Forest Land Diversion proposal for "Improvement and Up-gradation to 4-lane configuration of Meerut-Nazibabad section of NH-119 between Km 39+165 to Km 79+330 in the state of Uttar Pradesh.

Proposal No.: FP/UP/ROAD/43253/2019

Introduction

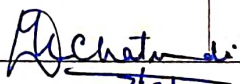
The Muck often considered as waste material generated from tunnelling, cutting of hill, deep excavation etc. Based on the geological nature of the rocks and engineering properties of the soil, a part or full of the excavated material will be used as construction material / filling material in road work.

Construction package-II of this project road for which Forest Land Diversion Proposal is uploaded has a total length 40.100 km and it is a Brown field alignment with Bypasses having PRow 60 meter and embankment height (in general) 2.00 to 2.5 meter located on plane terrain. Any deep cutting/ Hill cutting/ tunnelling other than construction of cross drainage, bridges are NOT proposed and to raise the height of embankment additional earth material is required. Keeping in view of road work, small quantity of excavated material (ordinary earth) will be generated from foundation work of, bridges/ cross drainages as well as Clearing & Grubbing. Excavated material generated from these construction sites will be utilized in filling/raising of Embankment of project road.

In this entire section of project road, significant quantity of muck will be NOT be generated and any disposal of these excavated material is not required as excavated material which is mainly earth ordinary earth material will be re-utilized in filling of embankment.

Component wise quantification of excavated material and its utilization

Excavated Material Generation			Utilization of excavated Material	
SL	Project Component	Excavated Material Generation Quantity (cum)	Project Component	Excavated Material Utilization Quantity (cum)
1	Major Bridge	18,260.74	Embankment Quantity (Raising of Embankment upto FRL)	2406.42
2	Minor Bridge		-	-
3	Box Bridge	33,702.89	-	-
4	ROB		-	-
5	RUB		-	-
6	Pipe Culvert	3,081.45	-	-
7	Box Culvert	53,251.92	-	-
8	VUP	36,341.15	-	1031719.52
9	Miscellaneous ROAD work (Earthen Drain, Boundary Stone Fixing, Clearing & Grubbing)	396,766.90		1751926.79


21/3/22
Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

Total	541,405.03	2,786,052.73
Balance Quantity for Disposal (without swell factor)	5,41,405.03 - 27,86,052.73 = (-) 22,44,647.69 cum	

Total quantity of excavated material is 5,41,405.03 Cum.

Soil in project area i.e district Meerut, Muzaffarnagar & Bijnor is of loamy textured soil which has swell factor 15-25%)

Add Swell factor 20% (average) for Earth material

So, Bank material is $100\%/100 = 1$

Loose Material = Bank Material + Swell

Or

Loose = $1 + (20/100) = 1.20$

Total Material to be disposed/utilized considering swell factor = $5,41,405.03 \times 1.20 = 6,49,686.04$ Cum

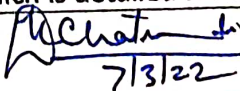
Disposal/Utilization of Excavated Material

As detailed, above total quantity of excavated material is 5,41,405.03 cum (with Swell factor it will be 6,49,686.04) cum. However, ordinary earth material required for raising / filling of embankment is 27,86,052.73 cum.

5,41,405.03 (generated quantity) - 27,86,052.73 (required quantity) = (-)22,44,647.69 cum

From the above figure of cutting and filling quantity it is established that required quantity of filling material (ordinary earth) is more than 5 time of generated quantity (Muck) so all the generated Muck will be utilized in project and no separate disposal of these excavated material is required as all the excavated material will be re-utilized in project road for raising of embankment upto FRL.

SL	Particulars	Remarks
1	Calculation of muck to be generated. Swell factor to be applied.	Total quantity of excavated material 5,41,405.03 Cum. Soil in project area i.e district Meerut, Muzaffarnagar & Bijnor is of loam textured soil which has swell factor 15-25 %) Add swell factor 20% (average) for Earth material So, Bank material is $100\%/100 = 1$ Loose Material = Bank Material + Swell Or Loose = $1 + (20/100) = 1.20$ Total excavated material considering swell factor = Meerut, Muzaffarnagar & Bijnor $\times 1.20 = 6,49,686.04$ Cum Note- Component wise quantification is given in above table.
2.	Quantity of muck to be utilized in the project activities	A total 5,41,405.03 Cum, excavated material will be generated and it will be fully utilized in project.
3.	Balance quantity of muck which requires disposal/ management plan.	No muck is generated so its disposal is not required. However, excavated material / ordinary earth will be generated which is detailed above.


7/3/22

Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

		Total quantity of Excavated Material = 5,41,405.03 Cum. Total requirement of filling ordinary earth material - 27,86,052.73 Cum. Balance quantity of muck for disposal= (-) 22,44,647.69 cum. That means disposal of excavated material is not required as utilization quantity is much more than generation quantity.
4	Carriage of muck from the muck generation site to the dumping site.	As per contract condition generated/excavated will be disposed by contractor at their own cost which is included in civil cost. Also, as stated above, the generated quantity of muck will be utilized in embankment of project road.
5.	Ownership of land and the consent of land owners in case muck disposal is proposed on non-forest land.	Excavated quantity will be utilized in Embankment of project road which is in jurisdiction & under control of NHAI-PIU Meerut.
6	Photograph & carrying capacity of proposed dumping site (Muck disposal site)	Carrying capacity of proposed site is much more than required disposal quantity (5,41,405.03 Cum). Length of project road for which Forest Land Diversion Proposal is uploaded 40165-meter X width 60-meter X Average height 2.0 meter= Total estimated capacity 48,19,800 Cum.
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.	No dumping site required to be constructed for disposal of Excavated Material, as it will be re-utilized in embankment of project road.
8	Rehabilitation of dumping site like leveling, planting of grass, shrubs and tree species.	Not applicable, due to above mentioned reason in column no. 7.

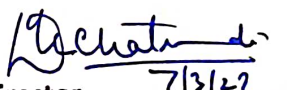
Note: - Cost to be incurred on the above activities has to be given component wise. Details of dumping site including length, width and height of structures to be erected must be mentioned. - included under civil cost.

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

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

Date: - 07/03/2022

Place: - Meerut

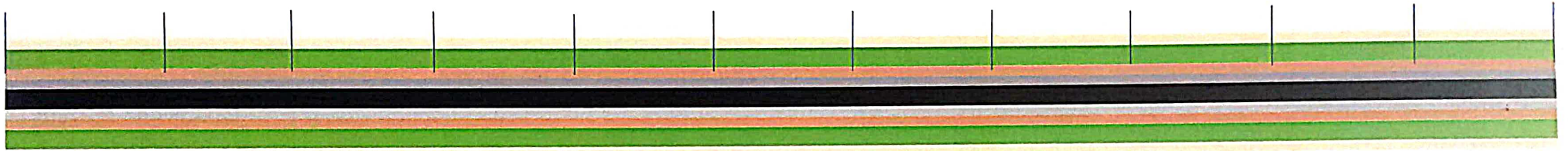

7/3/22
Project Director
Project Implementation Unit
Meerut, Uttar Pradesh.
Name: - Dinesh Kumar Chaturvedi
Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut
Signature & Seal

Annexure-VII- Linear Plan

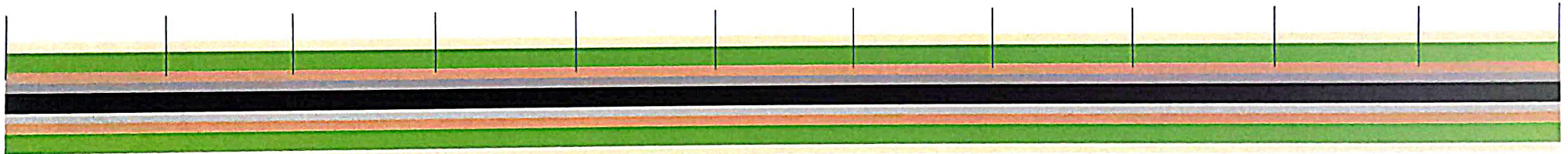
Name of Project: Forest Land Diversion proposal for "Improvement and Up-gradation to 4-lane configuration of Meerut-Nazibabad section of NH-119 between Km 39+165 to Km 79+330 in the state of Uttar Pradesh"

Proposal No: - FP/UP/ROAD/43253/2019

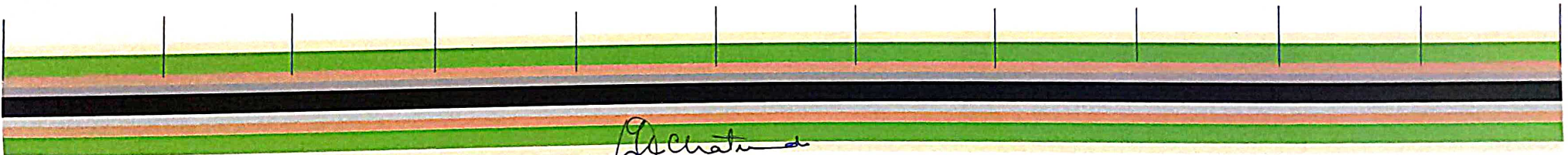
39+165 40+165 41+165 42+165 43+165 44+165 45+165 46+165 47+165 48+165 49+165 50+165



51+165 52+165 53+165 54+165 55+165 56+165 57+165 58+165 59+165 60+165 61+165 62+165

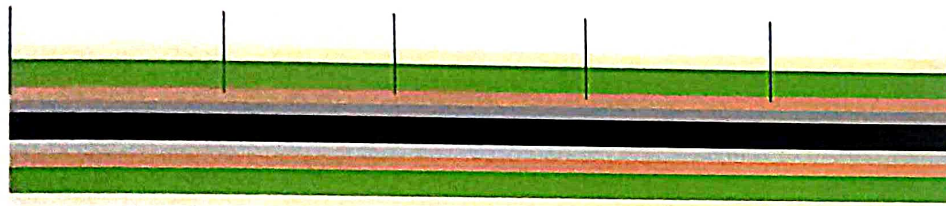


63+165 64+165 65+165 66+165 67+165 68+165 69+165 70+165 71+165 72+165 73+165 74+165



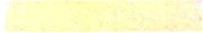
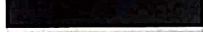
[Signature]
7/3/22
Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

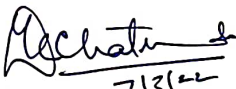
75+165 76+165 77+165 78+165 79+165 79+330



Note- Linear Plan is not on scale

Legend

	Area for Utility- LHS	2.0 m
	Area for Plantation - LHS	8-10 m
	Area for Drain-LHS	1.5 m
	Slop/ toe - LHS	4-5 m
	Existing Road	10 m
	Slop/ toe - RHS	4-5 m
	Area for Drain-RHS	1.5 m
	Area for Plantation - RHS	8-10 m
	Area for Utility- RHS	2.0 m


 7/3/22
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 PIU - Meerut

Annexure-VIII

कार्यालय प्रभागीय निदेशक, सामाजिक वानिकी प्रभाग मुजफ्फरनगर ।

पत्रांक- 76 / 14-1 (Proposal-FP/UP/Road/43253/2019), दिनांक मुजफ्फरनगर 07/07/2021 ।

सेवा में,

श्री दिनेश कुमार चतुर्वेदी
परियोजना निदेशक
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण,
मेरठ, ए-1, वैष्णोधाम निकट हाईटस, कंकरखेडा
एन0एच0-58, मेरठ-251001

विषय:- जनपद मुजफ्फरनगर में एन0एच0-119 (मेरठ-नजीबाबाद सेक्शन) कि0मी0 चैनैज 39.250 से 79.500 तक सुदृढीकरण व चार लेन के चौड़ीकरण हेतु संशोधित ऑन लाईन प्रस्ताव संख्या-FP/UP/Road/ 43253/2019 (Wild Life Clearance)

संदर्भ:- आपका पत्रांक-21265 दिनांक-03.02.2021 इस कार्यालय का पत्रांक-4783/14-1 दिनांक-06.03.2021 एवं आपका पत्रांक- NHAI/ PIU-MRT/66012/2021/D-22064 दिनांक-16.06.2021 ।

महोदय,

आप द्वारा अपने कार्यालय के संदर्भित पत्र से आप द्वारा पूर्व में प्रेषित किये गये प्रस्ताव को संशोधित कर संशोधित ऑन लाईन प्रस्ताव संख्या-FP/UP/Road/ 43253/2019 (Wild Life Clearance) इस कार्यालय को दिनांक-16.06.2021 को उपलब्ध कराया गया है। अवलोकन करने पर पाया गया कि प्रस्ताव को उच्च स्तर को प्रेषित किये जाने से पूर्व निम्नानुसार अभिलेख की आवश्यकता होगी-

- 1- प्रस्ताव में संयुक्त निरीक्षण रिपोर्ट संलग्न नहीं की गयी है।
- 2- प्रस्ताव में पृष्ठ संख्या एवं अभिलेखों की संलग्नक संख्या अंकित नहीं है एवं संलग्नकों की विषय सूची भी संलग्न नहीं की गयी है।
- 3- वाईल्ड लाईफ क्लीयरेंस हेतु प्रयोक्ता अभिकरण की ओर से लगने वाले अभिलेख / वचनवद्धताएं संलग्न नहीं है।
- 4- विषयक प्रस्ताव में गंगा बैराज की डाउन स्ट्रीम में एक सेतु का निर्माण किया जाना है, तथा उक्त गंगा बैराज की डाउन स्ट्रीम में गंगेटिक डाल्फिन तथा घड़ियाल बहुतायत मात्रा में पाये जाते हैं। उक्त के संबंध में परियोजना में सेतु निर्माण से उक्त वन्य जीवों के प्राकृतवास पर होने वाले प्रभाव के संबंध में रिपोर्ट संलग्न की जानी अति आवश्यक है।

अतः आपसे अनुरोध है कि अपने कार्यालय के किसी सुभिज्ञ कर्मचारी / अधिकारी को नामित करते हुए प्रस्ताव की प्रतियां इस कार्यालय से प्राप्त कराकर प्रस्ताव में पायी गयी कमियों का निराकरण कर संशोधित प्रस्ताव इस कार्यालय को यथाशीघ्र उपलब्ध कराने का कष्ट करें, ताकि प्रस्ताव उच्च स्तर को प्रेषित किया जा सके।

(सूरीज)
प्रभागीय निदेशक,
सामाजिक वानिकी प्रभाग
मुजफ्फरनगर

संख्या 76 / दिनांकित।

प्रतिलिपि-वन संरक्षक/क्षेत्रीय निदेशक, सहारनपुर वृत्त सहारनपुर की सेवा में सूचनार्थ प्रेषित।

प्रतिलिपि-क्षेत्रीय वन अधिकारी जानसठ को इस निर्देश के साथ प्रेषित कि संयुक्त निरीक्षण हेतु परियोजना निदेशक भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, मेरठ के कर्मचारियों द्वारा सम्पर्क स्थापित किये जाने पर प्रस्तावित स्थल का संयुक्त निरीक्षण कर संयुक्त निरीक्षण रिपोर्ट इस कार्यालय को उपलब्ध कराना सुनिश्चित करें।

(सूरीज)
7/3/22

Diresh Kumar Chaturvedi

Project Director

National Highway Authority of India
PIU - Meerut

(सूरीज)
प्रभागीय निदेशक,
सामाजिक वानिकी प्रभाग
मुजफ्फरनगर



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय)

(Ministry of Road Transport & Highways)

परियोजना क्रिया-व्यवस्था इकाई-मेरठ

Project Implementation Unit, Meerut

ए-1, वैष्णो धाम, निकट गायत्री हाईट्स, कंकरखेड़ा, एनएच-58, मेरठ-250001

A-1, Vaishno Dham, Near Gayatri Heights, Kankerkheda NH-58, Meerut-250001

टेलीफोन/Telephone : 0121-2631228, 0121-2631229

ई-मेल/E-mail : meerut@nhai.org, meerut@nhai.org



भारतमाला

प्रगति के पथ पर अग्रसर

BHARATMALA

ROAD TO PROSPERITY

NHAI/PIU-MRT/66011/2021/D- 22914

Date: 25.10.2021

To

The Director,
Wildlife Institute of India,
Post Box no- 18,
Chandrabani, Dehradun,
Uttarakhand – 248011

Sub:- Bio-diversity Impact Assessment, wildlife study and preparation of mitigation & conservation plan for "Wildlife Clearance proposal for "Improvement and Up-gradation to 4-lane configuration of Meerut-Nazibabad section of NH-119 between Km 39+165 to Km 79+330 in the state of Uttar Pradesh" (online Proposal no: FP/UP/ROAD/43253/2019)

Ref:- Your office letter no.WII/Hastinapur Road/2021-01 dated 13.09.2021.

Sir,

Please refer to above mentioned letter vide which you had submit details proposal for the WII study on the subjected stretch of Rs.46,28,352.00.

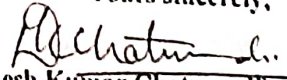
Further, the proposal has been conveyed to Competent Authority and Competent Authority has approved the financial approval for the WII Study for Hastinapur Wildlife Sanctuary. In this regard, the Competent Authority has given approval with certain points which are as under:-

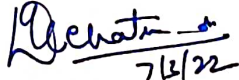
1. WII may submit financial linked work programme.
2. The payment shall be made in parts, in this regard final payment and settlement of accounts shall be done after submission of final report along with original invoices.
3. WII shall conduct the study in association with DPR consultant of NHAI (DPR Representative Mr. Manoj Kumar, Phone No. 9560667575, Email-maneuver.data2018@gmail.com) and under close supervision of Project Director regarding the structures to be provided for conservation of wildlife habitats, if required.
4. WII shall submit the draft report with NHAI within 3 months from the date of award and final report within 6 months.

In view of the above, the proposal of Wildlife Institute of India for a detailed study to prescribe mitigation measures for the project amount of Rs. 46,28,352.00 (Forty Six Lakhs Twenty Eight Thousand Three Hundred and Fifty Two Only) has been approved by Competent Authority. It is requested to commence the subjected work at the earliest with intimation to this office.

Thanking yours.

Yours sincerely,


(Dinesh Kumar Chaturvedi)
GM(T)/Project Director


7/12/22
Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय)

(Ministry of Road Transport & Highways)

परियोजना क्रियान्वयन इकाई-मेरठ

Project Implementation Unit, Meerut

ए-1, वैष्णो धाम, निकट गायत्री हाईट्स, कंकरखेड़ा, एनएच-58, मेरठ-250001

A-1, Vaishno Dham, Near Gayatri Heights, Kankarkhera NH-58, Meerut-250001

टेलीफोन / Telephone : 0121-2631228

ई-मेल / E-mail : meerut@nhai.org



भारतमाला

प्रगति के पथ पर अग्रसर

BHARATMALA

ROAD TO PROSPERITY

NHAI/PIU-MRT/66011/2021/D- 23191

Date: 07.12.2021

To

The Director,
Wildlife Institute of India,
Post Box no- 18,
Chandrabani, Dehradun,
Uttarakhand – 248001

Sub:- Proposal for Bio-diversity Impact Assessment, wildlife study and preparation of mitigation & conservation plan for improvement and Up-gradation to 4-lane configuration of Meerut-Najibabad section of NH-119, Uttar Pradesh.

Ref:-

1. WII letter no. WII/Hastinapur road/2021-01 dated 13.09.2021.
2. This office letter no.NHAI/PIU-MRT/66011/2021/D-22914 dated 25.10.2021.
3. WII office letter no.WII/Hastinapur Road/2021-02 dated 29.11.2021.

Sir,

This is with regard to the Biodiversity Impact Assessment, wildlife study and preparation of Mitigation and Conservation Plan for Meerut-Najibabad, NH-119. This office vide letter dated 25th October, 2021 (Reference no.2) conveyed approval of technical and financial proposal submitted by WII vide their letter dated 13.09.2021 (Reference no.1). WII vide letter at sl.no.3 requested to submitted the 80% of the approved grant of Rs.46,28,352/- for beginning of recruitment of project personnel.

In view of above, it is intimated that NHAI has released 80% payment amounting of Rs.33,32,414/- in WII A/c No.518502010058584, IFSC Code-UBIN0551856 of Union Bank of India, Chandrabani, Dehradun vide UTR/DD No. CNRBR52021120772960398 dated 07.12.2021. Hence, it is requested that kindly start the work at the earliest.

Thanking yours.

Yours sincerely,

[Signature]
7/12/21

Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

[Signature]
(Dinesh Kumar Chaturvedi)
GM(T)/Project Director

Village wise Forest and Non-Forest land statement (District- Meerut)

Name of Project: - Forest Land Diversion proposal for "Improvement and Up-gradation to 4-lane configuration of Meerut-Nazibabad section of NH-119 between Km 39+165 to Km 79+330 in the state of Uttar Pradesh"

Sr. No.	Existing Chainage		(Design Chainage)		Design Length (m)	Existing road width (m)	PRoW	Required Non-Forest Land (Ha)				Required Forest Area (Ha)				Remaining Forest Area (Ha)			Village	Remarks
	From	To	From	To				LHS	RHS	BHS	Total	LHS	RHS	BHS	Total	LHS	RHS	Total		
1	39+155	39+780	39165	39790	625	30	60	1.5625	1.5625	0	3.125	0	0	0	0	0	0	0	Samaspur	Existing road
2	39+780	0	39790	39900	110	0	60	0	0	0.66	0.66	0	0	0	0	0	0	0	Basi Viran	Realignment
3	0	0	39900	40850	950	0	60	0	0	5.7	5.7	0	0	0	0	0	0	0	Rajapur	Realignment
4	0	0	40850	41375	525	0	60	0	0	3.15	3.15	0	0	0	0	0	0	0	Fatehalpur hansapur	Realignment
5	0	0	41375	42700	1325	0	60	0	0	7.95	7.95	0	0	0	0	0	0	0	Bahasuma	Realignment
6	0	0	42700	43300	600	0	60	0	0	3.6	3.6	0	0	0	0	0	0	0	Sadarpur	Realignment
7	0	0	43300	44150	850	0	60	0	0	5.1	5.1	0	0	0	0	0	0	0	Mod kala	Realignment
8	0	0	44150	45700	1550	0	60	0	0	9.3	9.3	0	0	0	0	0	0	0	Mod Khurd (Bhogi)	Realignment
9	0	0	45700	46450	750	30	60	1.875	1.875	0	3.75	0	0	0	0	0	0	0	Mohamadpur Shakist	Realignment
10	46+300	0	46450	48400	1950	0	60	0	0	11.7	11.7	0	0	0	0	0	0	0	Sailpur Firojpur	Existing road
Total											54.035		0	0	0	0	0	0		

Total Forest Land – 00.00 Hectare

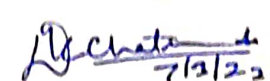
Total Non-Forest Land – 36.4688 Hectare

Total Remaining Forest land (PF) along the existing road - 00.00 Ha

Date: 23 /08 /2021

Place: - Meerut

Project Director
Project Implementation Unit
Meerut, Uttar Pradesh.
Name: - Dinesh Kumar Chaturvedi


 Dinesh Kumar Chaturvedi
 Project Director
 National Highways Authority of India
 PIU - Meerut
Signature & Seal

Attachment – 4 Forest Land Statement (Under district Muzaffar nagar)

Name of Project Road- Forest Land Diversion proposal for "Improvement and Up-gradation to 4-lane configuration of Meerut-Nazibabad section of NH-119 between Km 39+165 to Km 79+330 in the state of Uttar Pradesh". (Muzaffar nagar- 48+400 to 67+180)

Design Chainage		(Side) LHS/RHS	Length of forest Stretch	Total Available ROW on which PF land exist	PRoW	Existing Road Width (BT+ Earthen Shoulder)	Required Forest Land (Sqm)		Remaining Forest Land (Sqm)		Total Remain ing Forest Land	Forest Land to be diverted (Sqm)	Remarks (Area in Sqm, calculated as per polygon size)
From	To	(m)	(m)	(m)	(m)	(m)	LHS	RHS	LHS	RHS	In Sqm		
48400	49282	LHS	882	30.00	60	10	00	00	10478	10623	21101	00	Remaining PF land along existing road. At this location Project Road is realigned.
49282	50460	LHS	1178	30.00	60	10	12047	--	-	-	00	12047	Road Side PF land, Area is calculated as per Polygon size.
49282	50460	RHS	1178	30.00	60	10		12133			00	12133	_DO_
50460	54670	LHS	4210	30.00	60	10			93536		93536	00	_DO_
50460	54670	RHS	4210	30.00	60	10				93126	93126	00	_DO_
54670	60230	LHS	5560	30.00	60	10	55653		0	0	0	55653	_DO-
54670	60330	RHS	5560	30.00	60	10		58211	0	0	0	58211	Road side PF Land- 55668 Sqm Forest Land in WLS- 444 Sqm (Survey No. 143) +2099 Sqm (Survey no 145) of Village Sikhreda = 2543 Sqm Total Forest Area = 58211 Sqm
60230	61026	LHS	796	30.00	60	10	18352	-	0	0	0	18352	Kailapur RF Land -18352 Sqm
60330	61065	RHS	735	30.00	60	10		20875	-	-	-	20875	Kailapur RF land 20875Sq
61026	61900	LHS	874	30.00	60	10	11115		-	0	0	11115	Road Side PF Land- 5891 + 1679 = 7570 Sqm. Forest Land in WLS-3169 Sqm (Survey No.69) +376 Sqm (Survey no 62) of village Ishakwala = 3545 Sqm Total Forest Land = 11115 Sqm
61065	61900	RHS	835	30.00	60	10	-	9430	-	0	0	9430	Road Side PF Land- 8325 +733= 9058 Sqm

[Signature]
7/3/22

Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

													Forest Land in WLS-372 Sqm (Survey no-83)
61900	61980	BHS	80	30.00	60	10	-	-	-	-	-	00	Canal/Bridge
61980	63500	LHS	1520	30.00	60	10	1528	-	13229	7074	20303	1528	Road Side PF Land- 1426 Sqm Forest Land in WLS-102 (Survey no-181) of village Ishakwala Total Forest Area=1528 Sqm
61980	63500	RHS	1520	30.00	60	10		15562	-	00	00	15562	Road side PF Land= 1440+ 5539+617+479+941= 9016 Sqm Forest Land in WLS -168 Sqm (Survey no.186) +1692 Sqm (Survey no. 185) +335 Sqm (Survey No. 178) +1289 Sqm (Survey no. 161) + 1557 Sqm (Survey No. 185) + 193 Sqm (Survey No. 117) + 1312 Sqm (Survey No 119) of village Ishakwala. = 6546 Sqm Total Forest Area= 15562 Sqm
63500	64460	LHS	960	30.00	60	00	10283	-	0	0	0	10283	Road side PF= 2792+5020+2152 = 9964 Sqm Forest Land in WLS-319 Sqm (Survey no. 238 of village Jaitpur Gaurasiwala) Total Forest Area= 10283 Sqm
63500	64460	RHS	960	00			-	10207	00	00	00	10207	Road side PF Land=2213+5754+1337= 9304 Sqm Forest Land in WLS-903 Sqm (Survey no. 238 of village Jaitpur Gaurasiwala) Total Forest Area= 10207 Sqm
64780	65280	BHS	500	00	60	00	29575		10378	10316	20694	29575	Forest Land in WLS- 8859 Sqm (Survey No. 28) +42.0 Sqm Survey no. 30) +9102 Sqm (Survey No. 37) +4874 (Survey No. 32) +6698 Sqm (Survey no. 33) of village Ujaili Khurd =

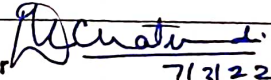
Dinesh Kumar Chaturvedi
7/3/22
Dinesh Kumar Chaturvedi
Project Engineer

National Highways Authority of India
PHU - Meerut

												29575 Sqm Remaining Forest Land in this location is on existing road, while proposed road is realigned.
66910	67180	BHS	270	00	60	00	12466	9564	9597	19161	12466	Realignment Portion Road side PF= 909+921+1037+230 = 3097 Sqm Forest Land in WLS-72 Sqm (Survey No.- 2) + 2666 Sqm, (Survey No. 1) + Survey no. 1+ 6631 Sqm Survey No. -21 of Village Ujaili Khurd Ahatmal= 9369 Sqm Total Forest Area= 3097+ 9369= 12466 Sqm Remaining Forest Land in this location is on existing road, while proposed road is realigned.
Total								137185	130736	267921	277437	
(a) Total Road Side PF land –184936 Sqm / 18.4936 Hectare (b) Total RF Land – 39227 Sqm/ 3.9227 Hectare (c) Total Forest land in WLS (other than PF & RF) = 53274 Sqm/ 5.3274 Hectare Total Forest Land for Diversion (a) + (b) + (C) = 27.7437 Hectare Total Remaining Forest land along/at change of forest land diversion= 267921 Sqm/ 26.7921 Hectare Note: - Project Road length in district Muzaffarnagar is entirely located in Hastinapur Wildlife Sanctuary. Road side plantation is notified as PF and withing Sanctuary, there is patch of Kailapur Reserve Forest. As per revenue record, in WLS area, withing PRoW, few parch/plots through which project road alignment traverse are in the name of Forest/Wildlife Department while most of the plots falling under PRoW within WLS are private land. Diverted area of these forest patch/plots are calculated as per polygon size on GOOGLE EARTH as many of patches/plots are of asymmetrical/uneven shape												

Date: - 07/03/2022

Place: - Muzaffar Nagar

Project Director 
7/3/22
Project Implementation Unit
Meerut, Uttar Pradesh.
Name: - Dinesh Kumar Chaturvedi

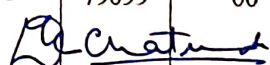
Signature & Seal

Dinesh Kumar Chaturvedi
Project Director
National Highways Authority of India
PIU - Meerut

Attachment – 4 Forest Land Statement (Under district Bijnor)

Name of Project Road: - Forest Land Diversion proposal for "Improvement and Up-gradation to 4-lane configuration of Meerut-Nazibabad section of NH-119 between Km 39+165 to Km 79+330 in the state of Uttar Pradesh". (Bijnor- 67+180- 79+330)

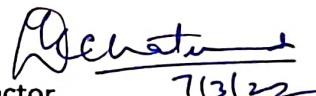
Design Chainage		(Side) LHS/RHS	Length of forest Stretch	Total Available ROW on which PF land exist	PRoW	Existing Road Width (BT+Eart hen Shoulder)	Required Forest Land (Sqm)			Remaining Forest Land (Sqm)		Total Remaining Forest Land	Forest Land to be diverted (Sqm)	Remarks (Area in Sqm, calculated as per polygon size)
From	To	(m)	(m)	(m)	(m)	(m)	BH S	LHS	RHS	LHS	RHS	Sqm		
67180	72058	LHS	4878	30.00	60	10		48738	-	00	-	00	48738	Area of PF land is calculated as per polygon size on GIS software. There might be very little variation if area is calculated through length x width.
67180	72058	RHS	4878	30.00	60	10			48757	-	00	00	48757	<u>DO</u>
74145	74155	BHS	10	30.00	60	10	602	-	-	-	-	00	602	PF land is on cross road namely RAWLI ROAD (Bijnor mirapur road)
74165	74175	BHS	10	30.00	60	10	602	-	-	-	-	00	602	PF land is on cross road namely RAWLI ROAD (Bijnor mirapur road)
76485	76495	BHS	10	30.00	60	10	611	-	-	-	-	00	611	BIJNOR HARIDWAR ROAD (Bijnor Manda war road)
76505	76515	BHS	10	30.00	60	10	611	-	-	-	-	00	611	BIJNOR HARIDWAR ROAD (Bijnor Mandawar road)
78650	79330	LHS	680	30.00	60	10		5574	0	0	0	00	5574	Road side PF land and remaining Road Side PF Land area is calculated as per polygon.
78650	79330	RHS	680	30.00	60	10		-	5582	-	-	--	5582	<u>DO</u>
72058	78650	LHS	6592	00.00	00	10		00	00	79099	-	79099	00	Road side remaining PF land is on existing road and between this chainage project


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 PIU - Meerut

														road is realigned.
72058	78650	RHS	6592	00.00	00	10		00	00	-	79275	79275	00	_DO_
Total												158374	111077	
(a)		(b) Total Road Side PF land –111077 Sqm /11.1077 Hectare (c) Total RF Land –Nil (d) Total Forest land in WLS (other than PF & RF) = Nil Total Forest Land for Diversion (a) + (b) + (C) = 11.1077 Hectare Total Remaining Forest land along/at/ within change of forest land diversion= 158374 Sqm/ 15.8374 Hectare. This remaining PF land is along the existing road where proposed road is realigned/bypassed. Note: - Significant length (from km 67+180 to 76+500) of project road is located in Hastinapur Wildlife Sanctuary. Road side plantation is notified as PF and as per available revenue record, within Sanctuary affected plots through which project road alignment traverse is not in the name of Forest/Wildlife Department, so these lands are considered as private land within sanctuary. Diverted area of these forest patch/plots are calculated as per polygon size on GOOGLE EARTH as many of patches/plots are of asymmetrical/uneven shape												

Date: - 07/03/2022

Place: - Meerut


 Project Director
 Project Implementation Unit
 Meerut, Uttar Pradesh.
 Name: - Dinesh Kumar Chaturvedi

Dinesh Kumar Chaturvedi
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