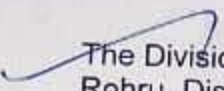


**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

No/PW/NH Theog/CB/ WA/Forest/2022-23- 5368
To

Dated:- 05/01/2023


The Divisional Forest Officer,
Rohru, Distt. Shimla HP.

Subject:-

Diversion of 5.3680 Hac. Of forest land for "Widening to two lane i/e road safety works on Paonta Rajban Shillai Meenus Hatkoti road from Km.149/0 to 161/715 on NH-72B-(707) in state of HP." Proposal No.FP/HP/ROAD/146729/2021.

Ref:-

Your office endorsed letter No.6199 dated 27/12/2022.

The needful has been done and the case is returned in originally to your end please.

Encl:- As above


Executive Engineer,
N.H. Division,
HPPWD, Theog

MUCK MANAGEMENT PLAN

WIDENING & STRENGTHENING TO DOUBLE LANE OF POANTA-RAJBAN-SHILAI-MINUS-HATKOTI ROAD, PORTION SNAIL TO HATKOTI FROM RD 149/00 TO 161/715 NH-707 (OLD NH-72B), DISTRICT SHIMLA, H.P.

Sr.	Description	Quantity	
1.	Total Quantity of Muck being produced	198554.88	Cum
2.	Deduction for useful stone as required under the clause of agreement to be executed by the Contractor and Executive Engineer of Project.	29264.60	
3.	Net Balance Quantity of Debris/Muck (1-2)	169290.28	Cum (A)
4.	Quantity available on site with swell factor @ 20% of (A)	79421.95	
	Total (sr.3+4)	248712	Cum(B)
5.	Material /Muck to be used in Project:-		
(i)	Deduction of material required for the construction of dry masonry wall/Edge wall @ 25% of (B)	37306.8	
(ii)	Less for material/Muck required for construction of the proposed site for the construction of R /wall B/wall etc @45% of (B)	73000.00	
(iii)	Less for Material/ Muck used in filling behind R /wall B/wall and filling in plinth work. @30%	39025.00	
	Total :- (i)+(ii)+(iii)	99380.20	Cum(C)
6	Net material/Muck to dumped in dumping site (B-C) in Cum	Cum	

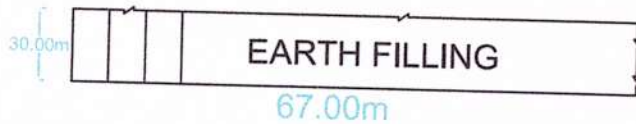
Total Muck to be Dumped in project site = 99380.20Cum

Divisional Forest Officer

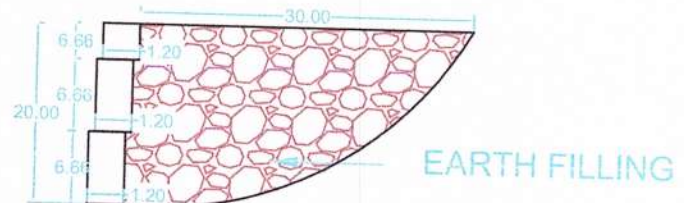
Executive Engineer
NH Division HPPWD
Theog

89

DUMPING SITE 1



PLAN NOT TO THE SCALE

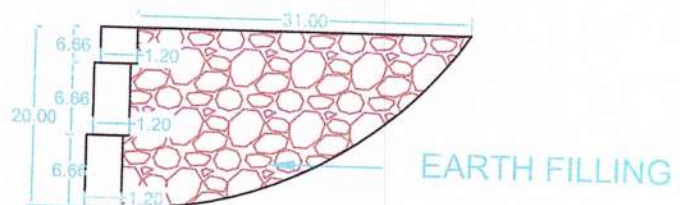


TOTAL DUMPING =	L	W	H	NO.S	QTY
DUMPING SITE =	67	30.00	20.00	1	40200.00 CUM

DUMPING SITE 2



PLAN NOT TO THE SCALE



Total area=1016 per dumping

TOTAL DUMPING =	L	W	H	NO.S	QTY
DUMPING SITE =	97.00	30.00	20.00	1	58200.00 CUM

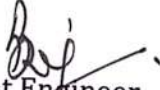
Divisional Forest Officer
Rohru Forest Division

Executive Engineer
NH Division HPPWD
Theog

" CERTIFICATE "

Certified that the necessary measures have been taken in DPR to check the erosion of soil on hill as well as valley side of the portion of the road by providing necessary R/Walls, B/Walls, plan showing the detail of structures proposed is enclosed.


Divisional Forest Officer
Rohru Forest Division Rohru


Assistant Engineer,
N.H. Sub Division HP P WD
Kharapather

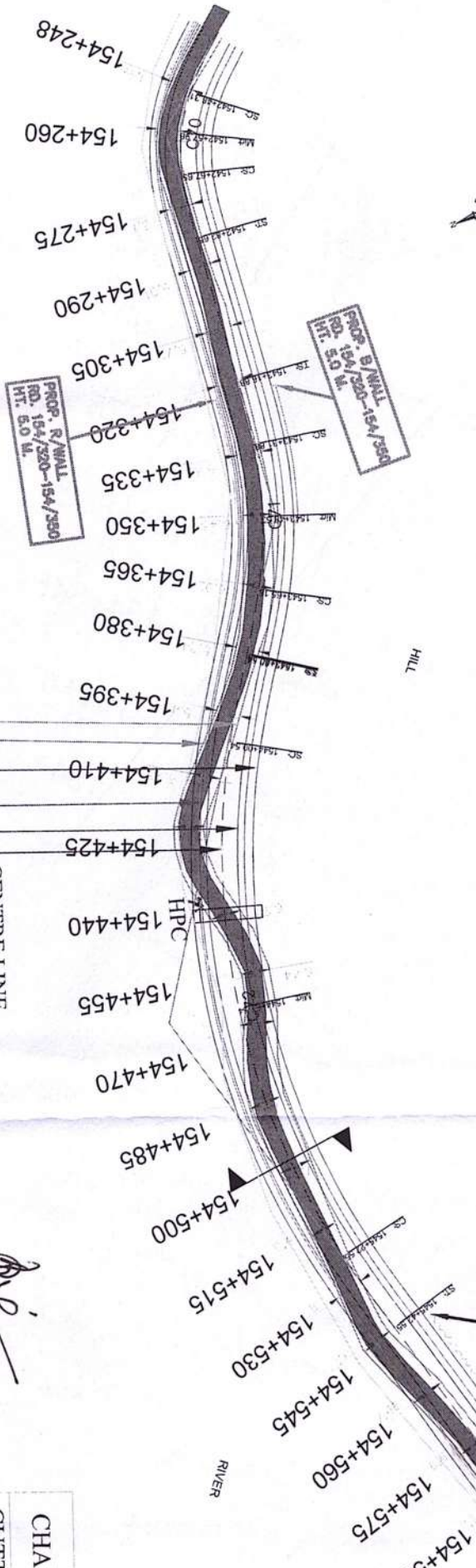


HILL

RIVER

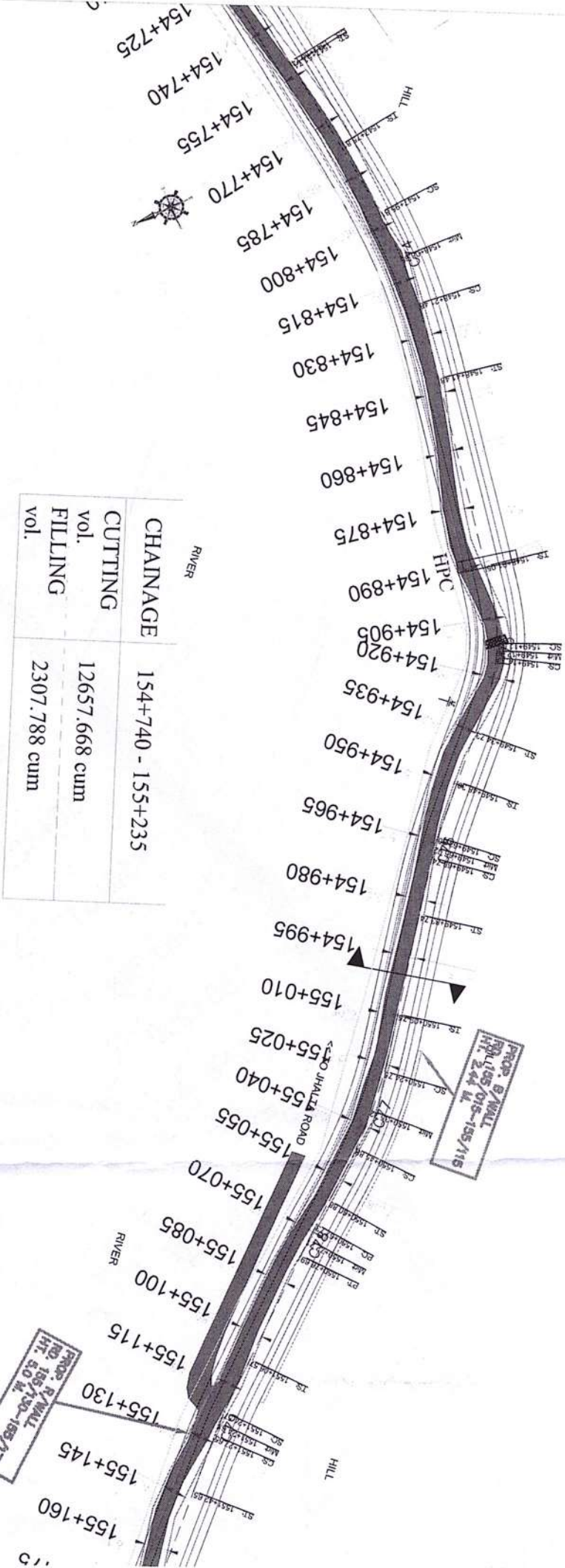
HILL

Prop. wire cable
@ 154/545 - 154/645



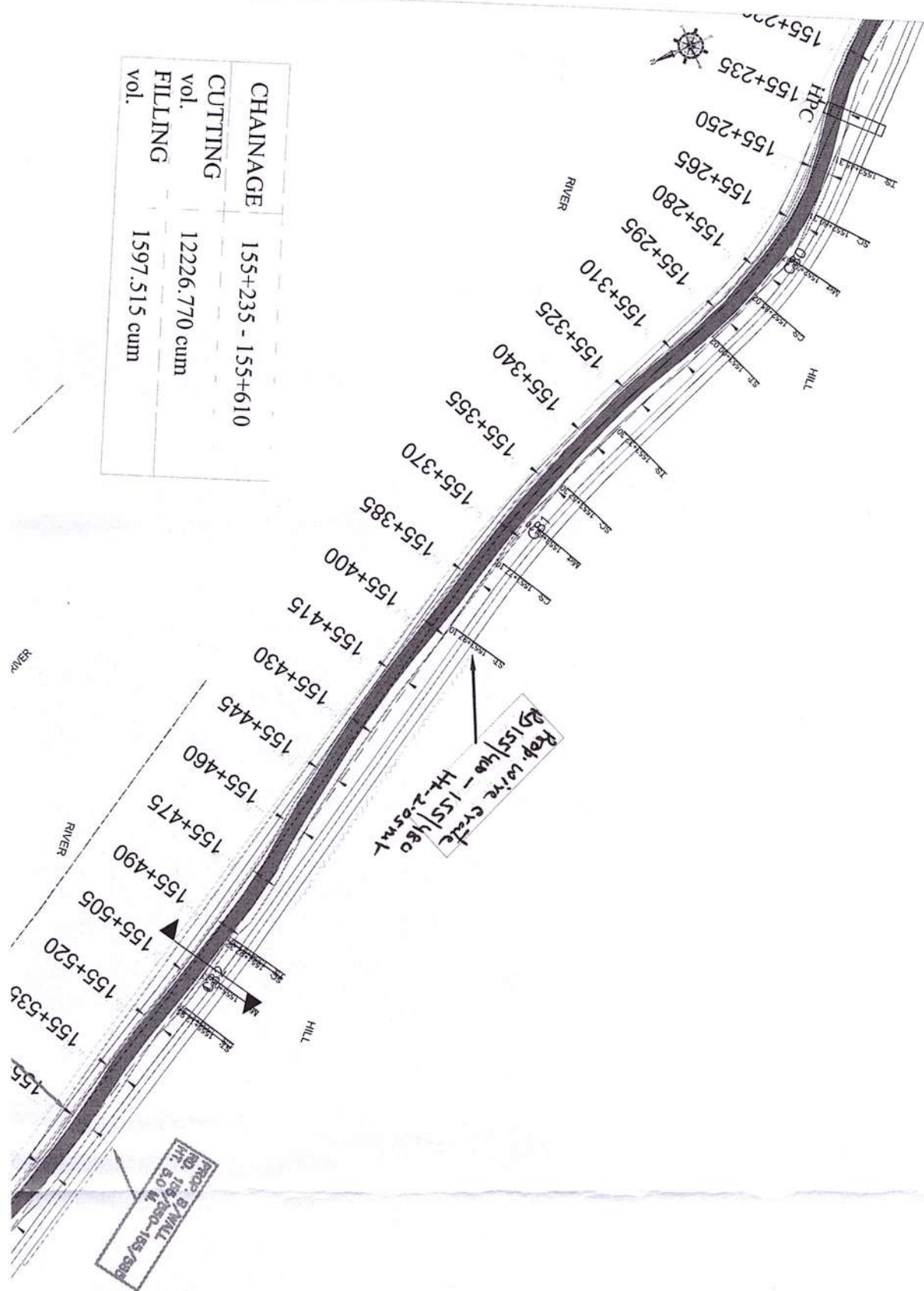
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 CIVIL ENGINEER

CHAINAGE	155+235 - 155+610
CUTTING vol.	12226.770 cum
FILLING vol.	1597.515 cum



Handwritten signature and text:
 M.H. Khanpasha

1/4006550/2021

File No. RO/HP/Works(225)/2020-21
File No. RO/HP/Works(225)/2020-21

1020

File No. RO/HP/Works(225)/2020-21

Government of India

Ministry of Road Transport & Highways

(Zone-I)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

Dated: 04th March, 2021

To,
The Secretary,
Public Works Department (PWD),
Government of Himachal Pradesh
Shimla.

Subject: Widening to 2-lane including road safety works on Paonta Sahib - Rajban - Shillai - Meenus - Hatkoti road from Km 149/00 to km 161/715 of NH-72 B (New NH-707) in the state of Himachal Pradesh on EPC mode.

Ref: Chief Engineer (NH), HPPWD letter no. PW/CE/NH/WS/WA-II/Estimate Sml/2020-21/6212-16, dated 05.02.2021.

(Job No. NH-72B (New-707)-HP-2020-21-519)

Sir,

I am directed to convey the technical approval, administrative approval and financial sanction of the President of India to the estimate for the work mentioned in the subject above as per the following details:-

(Rs. In Crore)

I. Amount as indicated in the estimate & sent by the State PWD	Rs. 93.35
II. Amount modified in the Ministry	Rs. 93.80
III. Amount of technical approval (Inclusive of agency charges @ 3%)	Rs. 93.80
IV. Amount of financial sanction	Rs. 93.80

(Rupees Ninety Three Crore and Eighty Lakh Only)

2. The approval is subject to the following conditions:-

(i) The work should be completed as per the target indicated in the enclosed technical note dated 04.03.2021. As such there shall not be any cost over-run due to time over-run. Stipulations made in the technical note shall be strictly adhered to.

(ii) On completion of 50% work, if appraisal of the project shows that it will necessitate revision of the estimate based upon the physical completion of the project vis-à-vis financial expenditure, immediate action should be taken to submit the revised estimate so as to ensure that the sanctioned revised estimate is available before necessity for incurring expenditure beyond permissible limits arises.

(iii) The advertisement for invitation of tenders shall be done as per Ministry's letter No. RW/NH-34066/14/2018-S&R(R&B) dated 25.06.2018. Invitation of bids

Assistant Engineer
NH Sub-Division, HPPWD
Kharapather Tehsil Jammu

I/4006550/2021

shall be initiated immediately after sanctioning of the project.

(iv) The bids for the work should be invited through e-tendering system as per the instructions issued vide Ministry's letter No. RW/NH/33044/2/2010-S&RI dated 17/06/2011 and dated 17/11/2011 respectively.

(v) The guidelines for acceptance of tenders and award of work shall be as per Ministry's letter No. RW/NH-24035/4/2008-P&M/PIC Vol.II dated 23.02.2018.

(vi) The expenditure during the current financial year on this work as also on the other sanctioned work should not exceed the allotment placed at the disposal of the State Government during the year;

(vii) In accordance with the order contained in this Ministry's letter No. RW/NH-24035/4/2008-P&M/PIC Vol.II dated 23.02.2018, it would be ensured while accepting the tenders that the overall cost at tender rates including contingencies and agency charges does not exceed by more than 5% of the sanctioned cost. Sanction of the Ministry for the revised estimate shall be obtained where the cost exceeds 5% of the sanctioned cost.

3. The expenditure is debitable to Major Head '5054' Capital Outlay on Roads & Bridges 01-National Highways (Sub Major Head), 01.337 Road Works (Minor Head), 03 National Highways Original Works, 03.01 Works financed from Central Road Infrastructure Fund, 03.01.53 Major Works for which the corresponding Demand for the current financial year 2020-21 is '84' Ministry of Road Transport & Highways.

4. The technical approval and financial sanction may lapse after Six months from the date of its issue in case the work is not awarded within that period. In this connection, guidelines issued vide Ministry's Circular No. RW/NH-24035/4/2008-P&M/PIC Vol.II dated 23.02.2018 shall be referred to.

5. The following physical and financial targets may be achieved subject to the availability of funds:

Year	Cumulative progress				
	Physical	Financial (Rs. in Cr.)			
		Construction	Pre-construction	Maintenance	Total
2020-21	30%		0	0	₹ 27.53
2021-22	80%	80%	0	0	₹ 73.41
2022-23	100%	100%			₹ 91.77
2023-24	100%	Maintenance	0	₹ 0.00	₹ 91.77
2024-25	100%		0	₹ 0.41	₹ 92.17
2025-26	100%		0	₹ 0.81	₹ 92.58
2026-27	100%		0	₹ 1.22	₹ 92.99
2027-28	100%		0	₹ 2.03	₹ 93.80

6. This sanction issues with the concurrence of the Finance Wing vide their Note # 19 dated 24.02.2021.

(Kamal Parkash)

Under Secretary to the Government of India

Alerted

Assistant Engineer
NH Sub-Division, HPPWD
Khara Jher Teh. Jubbhal

2/3

સરકારી વિદ્યાલય સરકારી શાળા

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કિલો ૦-૫૪-૭૧
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સરકારી વિદ્યાલય
સરકારી શાળા

66 153

1. No. of Application... 182C
2. Date of Application... 29-9-2021
3. Page... 1
4. Fee... 15/-
5. Copying Fee... 15/-
6. Urgent Fee... 15/-
7. P. & C. Fee... 15/-
8. N. & C. Fee... 15/-
9. Date of Copy... 29-9-2021
10. Date of Application... 29-9-2021
11. Cause of Issue... 29-9-2021
12. Date of Issue... 29-9-2021

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Dr. David J. ...

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 श्री सुनील काश

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D.P.H. Form No. 2.

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अधीनस्थ १९८०-८१

मौज ३१०२

परत २५५०००

लक्ष्मी ३०००

विना ३०००

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Date १९९०/१०/१०
Examiner

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Witnessed by
Indian Evidence Act 1976.

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परतना डायरी

सहस्राल विद्यालय

विज्ञापित

B.A. Form No. 2

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Indian Evidence Act 1972.

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Deputy Examiner

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Indice

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Brief note of the Project

The Project road is a part of NH-72 B(New NH-707) having length of 161 Km. out of which 110 Km. runs in Himachal Pradesh and 51 Km. in Uttrakhand and starts from Badripur Chowk in Paonta Sahib connecting Rajban-Shilai-Meenus-Gumma in Himachal Pradesh, Tuini in Uttarakhand and terminating at Hatkoti in Himachal Pradesh. The Portion of road considered in the detailed project report start from Km.149/000(Snail) to Km.161/715 (Hatkoti) in state of H.P. The present 72-B is an important road as it connects state of Uttrakhand to Himachal Pradesh and is also an important rout for trade during Apple harvest season. The name of the present project is widening to 2-lane i.e. road safety works on Paonta-Shilai-Meenus-Hatkoti road NH-72B(New Nh-707) Km.149/000 to 161/715 in the state of H.P. The Project road serves the districts of Shimla & Sirmour along with an important link between two Himalayan states of Uttrakhand & Himachal Pradesh. The road has its importance as it is the only connecting rout to Apple of area during winter when there is snow fall in other connecting routs. The existing road is a single lane road with width varying from 3-4 mtr. which is not enough to carry the traffic load. So this project for improving/upgrading the road network of the state in tune with the growth of the economy and infrastructure development taking place in the rest of the country.



Divisional Forest Officer
Rohru Forest Division, RbHPD



Executive Engineer
NH Division HPPWD
Theog.

Justification for Mitigation Measures to Be Adopted

This is certified that various mitigation measures will be adopted during the construction of the said projects. i.e. R/Wall & B/Wall will be constructed to protect the muck from falling into the river.


Divisional Forest Officer
Rohru Forest Division RbHFD


Executive Engineer
NH, Division, HPPWD Theog.

Justification for Reclamation Plan

This is submitted that as per the guidelines of MoEF the Reclamation Plan for dumping site will be submitted before Stage-II Approval.



Divisional Forest Officer
Rohru Forest Division Rohru



Executive Engineer
NH, Division, HPPWD Theog.

Undertaking for Tree felling

This is submitted that the alignment selected for the said project is already existing road which is to be widened to double lane. Also, to reduce the green felling six no. of bridges has been proposed on the said alignment. Hence, the selected alignment is most feasible and suitable for the said project and cannot be escaped.


Divisional Forest Officer
Rohru Forest Division Rohru


Executive Engineer
NH, Division, HPPWD Theog.

Justification for Dumping Site

This is submitted that there is no non-forest or private land available for dumping site. Thus, the dumping sites already explored cannot be shifted.



Divisional Forest Officer
Rohru Forest Division Rohru



Executive Engineer
NH, Division, HPPWD Theog.

Details of EROW and PROW along with Chainage wise area Calculation

Sr. No	Chainage	EROW	PROW	Length (in metres)	Area(HA)
1	154.248	4.98	14		
2	154.260	5.15	14		
3	154.275	5.10	14	12	0.0168
4	154.290	5.01	14	15	0.021
5	154.305	5.71	14	15	0.021
6	154.320	5.74	14	15	0.021
7	154.335	5.63	14	15	0.021
8	154.350	6.45	14	15	0.021
9	154.365	6.92	14	15	0.021
10	154.380	5.24	14	15	0.021
11	154.395	5.45	14	15	0.021
12	154.410	6.93	14	15	0.021
13	154.425	7.15	14	15	0.021
14	154.440	6.96	14	15	0.021
15	154.455	6.44	14	15	0.021
16	154.470	7.89	14	15	0.021
17	154.485	7.52	14	15	0.021
18	154.500	7.67	14	15	0.021
19	154.515	6.40	14	15	0.021
20	154.530	6.00	14	15	0.021
21	154.545	7.28	14	15	0.021
22	154.560	7.66	14	15	0.021
23	154.575	6.60	14	15	0.021
24	154.590	7.03	14	15	0.021
25	154.605	6.85	14	15	0.021
26	154.620	6.44	14	15	0.021
27	154.635	6.36	14	15	0.021
28	154.650	6.22	14	15	0.021
29	154.665	6.22	14	15	0.021
30	154.680	6.99	14	15	0.021
31	154.695	6.64	14	15	0.021
32	154.710	6.16	14	15	0.021
33	154.725	6.16	14	15	0.021
34	154.740	6.47	14	15	0.021
35	154.755	6.55	14	15	0.021
36	154.770	7.27	14	15	0.021
37	154.785	6.99	14	15	0.021
38	154.800	6.96	14	15	0.021
39	154.815	6.40	14	15	0.021
40	154.830	5.73	14	15	0.021
41	154.845	5.27	14	15	0.021
42	154.860	4.79	14	15	0.021
43	154.875	6.01	14	15	0.021
44	154.890	6.44	14	15	0.021
45	154.905	6.37	14	15	0.021
46	154.920	5.98	14	15	0.021
47	154.935	6.28	14	15	0.021
48	154.950	5.98	14	15	0.021
49	154.965	5.10	14	15	0.021
50	154.980	5.51	14	15	0.021
51	154.995	6.13	14	15	0.021
52	155.010	6.05	14	15	0.021
53	155.025	5.80	14	15	0.021
54	155.040	5.51	14	15	0.021
55	155.055	5.38	14	15	0.021
56	155.070	5.48	14	15	0.021

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Assistant Engineer
s/Nagar Sub Division
HPPWD Hatkotl

57	155.085	5.47	14	15	0.021
58	155.100	5.89	14	15	0.021
59	155.115	6.56	14	15	0.021
60	155.130	6.41	14	15	0.021
61	155.145	6.33	14	15	0.021
62	155.160	6.11	14	15	0.021
63	155.175	6.00	14	15	0.021
64	155.190	5.75	14	15	0.021
65	155.205	6.43	14	15	0.021
66	155.220	6.46	14	15	0.021
67	155.235	6.16	14	15	0.021
68	155.250	5.77	14	15	0.021
69	155.265	5.96	14	15	0.021
70	155.280	6.19	14	15	0.021
71	155.295	5.57	14	15	0.021
72	155.310	6.03	14	15	0.021
73	155.325	6.18	14	15	0.021
74	155.340	5.99	14	15	0.021
75	155.355	6.15	14	15	0.021
76	155.370	6.27	14	15	0.021
77	155.385	6.21	14	15	0.021
78	155.400	6.43	14	15	0.021
79	155.415	6.25	14	15	0.021
80	155.430	6.26	14	15	0.021
81	155.445	5.88	14	15	0.021
82	155.460	5.85	14	15	0.021
83	155.475	6.38	14	15	0.021
84	155.490	6.30	14	15	0.021
85	155.505	6.14	14	15	0.021
86	155.520	5.75	14	15	0.021
87	155.535	5.98	14	15	0.021
88	155.550	6.07	14	15	0.021
89	155.565	6.05	14	15	0.021
90	155.580	5.94	14	15	0.021
91	155.595	5.76	14	15	0.021
92	155.610	5.83	14	15	0.021
93	155.625	6.29	14	15	0.021
94	155.640	7.10	14	15	0.021
95	155.655	6.76	14	15	0.021
96	155.670	6.58	14	15	0.021
97	155.685	7.08	14	15	0.021
98	155.700	6.58	14	15	0.021
99	155.715	7.69	14	15	0.021
100	155.730	7.08	14	15	0.021
101	155.745	6.94	14	15	0.021
102	155.760	6.58	14	15	0.021
103	155.775	7.50	14	15	0.021
104	155.790	7.49	14	15	0.021
105	155.797	7.52	14	7.4	0.01036
Total Area					2.169

attested

Assistant Engineer
S/Nagar Sub Division
HPPWD Hatkoti

Executive Engineer
NH Division, HP PWD
Theog