

परियोजना का नाम -उत्तराखण्ड राज्य के देहरादून जिले में राष्ट्रीय राजमार्ग संख्या 72 पांवटा साहिब
-बल्लूपुर (देहरादून) खंड के किमी 104.000 से किमी 149.000 एवं पांवटा साहिब
बाईपास किमी 97.000 से किमी 104.000 का अप-ग्रेडेशन और 4-लेनिंग के
संबंध में ।

संयुक्त निरीक्षण रिपोर्ट

वन मण्डल अधिकारी पांवटा साहिब के पत्रांक 670/हि0प्र0 वन विभाग दिनांक 25/05/2021 के
क्रम में हिमाचल प्रदेश राज्य में राष्ट्रीय राजमार्ग संख्या 72 के पांवटा साहेब-बल्लूपुर (देहरादून) खंड
पांवटा साहिब बाईपास के किमी 97.00 से किमी 104.00 का अप-ग्रेडेशन और 4-लेनिंग के संबंध
में आज दिनांक 18/06/2021 को संयुक्त निरीक्षण किया गया। संयुक्त निरीक्षण के समय वन विभाग
के श्री सुप्रभात ठाकुर, वन क्षेत्राधिकारी, श्री सुमंथ कुमार, वन खण्ड क्षेत्राधिकारी, एवं श्री सन्दीप शर्मा,
वन दरोगा पांवटा साहिब रेंज, राजस्व विभाग के राजस्व उप निरीक्षक श्री सुरेश मोहिल एवं श्री रविन्द्र
सिंह एवं प्रस्तावक विभाग के श्री अगम शर्मा एवं श्री सतीश कुमार सिंह आदि लोग उपस्थित रहे।

संयुक्त निरीक्षण में उपरोक्त परियोजना हेतु जिसमें ग्राम भूपपुर द्वितीय के खसरा नम्बर 770 कब्जा वन
विभाग के अन्तर्गत आता है। जिसका डिजाइन चैनेज 2.880 से चैनेज 3.280 तक औसतन 45 मी0
चौड़ाई और औसतन 400 मी0 लम्बाई में,, कुल भूमि 1.8916 है0 कब्जा वन विभाग के अन्तर्गत आता
है।

चयनित समरेंखण वन पांवटा साहिब रेंज से गुजरता है।

अतः उक्त संयुक्त निरीक्षण आख्या आवश्यक कार्यवाही हेतु अग्रेसित है।

वन क्षेत्राधिकारी
पांवटा साहिब
पांवटा साहिब

वन खण्ड क्षेत्राधिकारी
पांवटा साहिब

वन दरोगा
पांवटा साहिब
FOREST GUARD
IC Paonta Sahib

राजस्व उप निरीक्षक
पांवटा साहिब

राजस्व उप निरीक्षक
पांवटा साहिब

राजस्व उप निरीक्षक
P.C. Bhatnawali
Teh Paonta Sahib
Distt. Sirmour (H.P.)

अगम शर्मा
प्रस्तावक विभाग

परियोजना निरीक्षक / Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
(सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)
Ministry of Road Transport & Highways
पी०आइ०यू०-वसन्त विहार, देहरादून

सतीश कुमार सिंह
प्रस्तावक विभाग

Full Title of the Project: Diversion of 1.8916 hectare Forest Land in Himachal Pradesh for Up-gradation of Paonta Sahib-Ballupur (Dehradun) section from km 97.000 to km 149.000 of NH-72 in the State of Uttarakhand and Himachal Pradesh.

Proposal No.: FP/HP/ROAD/144814/2021

Date of Proposal:

Joint Inspection Report

Joint inspection has been done on dated 15.12.2021 in the presence of State Forest Department, Paonta Sahib and NHAI, PIU Vasant Vihar, Dehradun Officers for the proposed alignment for **development bypass to Paonta Sahib between km 98.300 to km 104.000 of NH-72 in the State of Himachal Pradesh**. The alignment was seen with view to minimize the involvement of forest land and also to minimize the adverse environment affect due to the **development bypass to Paonta Sahib between km 98.300 to km 104.000 of NH-72 in the State of Himachal Pradesh** within the jurisdiction of Paonta Forest Division, Sirmour, H. P.

Presently the traffic passes through a congested area in Paonta Sahib which is required to be bypassed from safety and capacity considerations. For bypass a number of alignments were considered and the selected alignment involves least area of acquisition of land and structures. The alignment has been selected in such a manner that least forest land is involved. In Himachal Pradesh about 2 km length is greenfield alignment of bypass. Out of this 437 m length is in possession of Himachal Pradesh Forest Department. We are providing a bridge supported on pillars in the entire forest land. A part of this land is in the active channel and partly in the flood zone of Yamuna river. The comparison of alignment options are given below:

S.No.	Description	Existing Alignment	Alignment Option 1	Alignment Option 2	Alignment Option 3	Alignment Option 4
		(NH-72)	Herbertpur & Sahaspur bypass	Herbertpur, Sahaspur and Rampur bypass	On the southern bank of Assan river till Jhajhra forest	Along the southern bank of Assan river
1	Total Length	49.189 km	44.033 km	44.103 km	44.040 km	43.745 km
2	Greenfield Length	0 km	12.033 km	15.103 km	18.504 km	24.745 km
3	Terrain	Plain & Rolling	Plain & Rolling	Plain & Rolling	Plain & Rolling	Plain & Rolling
4	Speed, Kmph	40-60	80 - 100	80 - 100	80 - 100	80 - 100
5	Geometrics	12 curves with radius less than 250m.	All curves with radius more than 400m	All curves with radius more than 400m	All curves with radius more than 400m	All curves with radius more than 400m

Attested
परियोजना निदेशक
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन राजमार्ग मंत्रालय, भारत सरकार)
पंकज-वसन्त विहार (देहरादून)



S.No.	Description	Existing Alignment	Alignment Option 1	Alignment Option 2	Alignment Option 3	Alignment Option 4
6	Features	Passes through Forest & Built-up area	Passes through Forest, Built-up, agriculture land	Passes through forest, Built-up, agriculture land	Passes through forest, Built-up, agriculture land	Passes through, forest, Built-up, agriculture land
7	ROW	23-30 m	30m / 45m	30m / 45 m	30m / 45 m	30m / 45 m
8	Number of Structures	8 MJB	7 MJB	7 MJB	8 MJB	5 MJB
		9 MNB	11 MNB	11 MNB	16 MNB	16 MNB
			1 VUP	1 VUP	1 VUP	1 VUP
9	Houses affected	800 Nos.	700 Nos.	625 Nos.	550 Nos.	350 Nos.
10	Tree Cutting (non forest)	1250	1100	1100	900	650
11	Area Required for LA (Hectares)	25 Hect.	45 Hect.	55 Hect.	68 Hectare	97 hect.
12	Civil cost (approx.)	713 crore	678 crore	685 crore	696 crore	670 crore
	LA Cost	280 crore	292 crore	316 crore	350 crore	432 crore
	Pre const. Cost	135 crore	130 crore	125 crore	105 crore	75 crore
	Project Cost (with centage)	1257 crore	1222 crore	1250 crore	1276 crore	1297 crore
Merits and Demerits	Social	Social Impact will be High	Social Impact will be Medium	social Impact will be medium	social Impact will be low.	social Impact will be least.
	Economical	-	Least project cost	-	-	Maximum project cost
	Technical and Road Safety	Poor Geometry, Six Black spot, avg. speed not more than 50	Good Geometry, speed of 100Km/hr. can be easily achieved.	Good Geometry, speed of 100Km/hr. can be easily achieved.	Good Geometry, speed of 100Km/hr. can be easily achieved.	Good Geometry, speed of 100Km/hr. can be achieved.
		Highest vulnerable users	High vulnerable users	High vulnerable users	Low vulnerable users	Least vulnerable users
		Least LOS	Poor LOS	Poor LOS	Good LOS	Highest LOS
	Environmental Impact	12 hectare forest diversion, 3 river crossing	12 hectare forest diversion, 3 river crossing	12 hectare forest diversion, 3 river crossing	12 hectare forest diversion, 3 river crossing	10 hectare forest diversion, 1 river crossing
Recommendation		No	No	No	No	Yes

The proposed alignment passes through reserve forest compartment Rampurbelly, Bhuppur-II village, Khasra No. 770 (Design Chainage km 2.815 to km 3.252), Paonta Block, Paonta Forest Range, Paonta Forest Division. The road alignment passes through forest land as well as acquired land of NH. Total area to be diverted 1.8916 ha. forest land and 34 trees are falling in forest land proposed for diversion. Total length to be diverted 437 m. Total length to be developed bypass to Paonta Sahib between km 98.300 to km 104.000 of NH-72.

Attested

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प०क०ई०-वसन्त विहार (देहरादून)



It is further stated that the area of forest land involved for the development of a **bypass to Paonta Sahib between km 98.300 to km 104.000 of NH-72 in the State of Himachal Pradesh** is bare minimum and unavoidable.

The said final alignment identified at site by the NHAI is final and is not likely to change at any point of kind. The proposal for development of Paonta Sahib is aligned in such a way so that there is least possibility of ecological imbalance including soil erosion.

Ashwani

Ashwani Kumar
Site Engineer

Anshul

Anshul Sharma
Manager (Tech.)

Pankaj

Pankaj Kumar Maurya
Project Director

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प०क०ई०-वसन्त विहार (देहरादून)

Suprabhat

Suprabhat Thakur
Range Forest Officer
Paonta Sahib Forest Division

Kunal

Kunal Angrish, IFS
Divisional Forest Officer
Paonta Sahib Forest Division
Paonta Sahib (H.P.)

