

Proceedings of the Public Hearing conducted on 08.02.2021 in connection with application filed by M/s National Highway Authority of India for obtaining environmental clearance as required under EIA Notification dated 14/9/2006 for Development of access-controlled Bathinda Ludhiana Greenfield Highway starting from Delhi-Amritsar-Katra Expressway of NH-5 near Ludhiana (Village Ballowal) and terminating at Amritsar- Bathinda Greenfield Highway at Bathinda near Rampura Phul as a part of Ludhiana- Ajmer Economic Corridor in the state of Punjab Under Bharatmala Pariyojna.

The following were present to supervise the proceedings:

1. Smt. Neeru Katyul Gupta,
Addl. Deputy Commissioner (Jugraon),
Ludhiana.
2. Er. Ashok Kumar Sharma,
Environmental Engineer,
Punjab Pollution Control Board,
Regional Office-4,
Ludhiana.
3. Er. Ravideep Singla,
Assistant Environmental Engineer,
Punjab Pollution Control Board,
Regional Office-4,
Ludhiana.

Environmental Engineer, Punjab Pollution Control Board, Regional Office-4, Ludhiana welcomed the Supervising-cum-Presiding Officer and people from adjoining towns/villages, who came to attend the public hearing of this project. He informed that M/s National Highway Authority of India has filed an application in the office of the Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi for getting Environmental Clearance under EIA notification no. 1533 (E) dated 14.9.2006 for carrying out Development of access-controlled Bathinda Ludhiana Greenfield Highway starting from Delhi-Amritsar-Katra Expressway of NH-5 near Ludhiana (Village Ballowal) and terminating at Amritsar- Bathinda Greenfield Highway at Bathinda near Rampura Phul as a part of Ludhiana- Ajmer Economic Corridor in the state of Punjab Under Bharatmala Pariyojna. After this, he requested the representative of NHAI, PIU-Ludhiana to brief about the project. Sh. Sarabpreet Singh of M/s URS Scott Wilson India Private Limited in association with AECOM India Private Limited, Consultant of the NHAI brought out the details of the project proposal before the public as under: -

Ludhiana is an industrial town of Punjab having Industrial units mostly comprise of small-scale industries, producing industrial goods, machine parts, auto parts, household appliances, hosiery, apparel, and garments. To bolster the economic connectivity and to promote export-based industries, it is important that the connectivity to Ludhiana is made efficient, congestion free and is connected with other major industrial towns. Only existing major connectivity to Ludhiana is NH 44 from Delhi. It severely lacks connectivity with western states such as Gujarat, Maharashtra and Rajasthan.

NHAI is also developing Delhi-Katra Expressway (NE-5) which shall provide seamless connectivity to Ludhiana with Delhi. NHAI also developing Amritsar Bathinda Greenfield highway which shall provide connectivity of Northern Districts of Punjab (Amritsar, Gurdaspur, Hoshiarpur, Jalandhar, etc.) with Bathinda and further with Rajasthan and Gujarat. Therefore, the proposed Ludhiana Bathinda Greenfield highway shall start from Amritsar-Bathinda Greenfield Highway near Rampura Phul in District Bathinda and terminates at its intersection with Delhi-Katra Expressway near Village Ballawal in Ludhiana district. These roads shall further connect Ajmer thereby bolstering connectivity with ports in Gujarat. Present route from Ludhiana to Bathinda pass through NH 95, SH 13 at Mullapur Dakha and Barnala NH 64. These roads cannot be widened due to presence of built-up structures. The project shall provide connectivity to proposed Ludhiana International Airport at Halwara. Total Length of Project – 75+543 km 12. Length of Project in Ludhiana District - 33 Km 13. Start Point Village Ballawal and terminating near Village Chak Bhai Ka. The alignment passes through Tehsil – Ludhiana West and Raikot of Ludhiana District. The project passes through village 19 Villages – Ballawal, Narangwal, Chaminda, Gujarwal, Sarabha of Ludhiana West District and Villages Bassian, Burj Hari Singh, Burj Littan, Chak Bhai Ka, Jaladiwal, Rajaona Khurd, Talwandi Rai, Leel, Nurpur, Halwara, Nathowal, Raikot, Ramgarh Sivian and Toosa. Total Land affected in Ludhiana District is: 321 Hectares. The proposed alignment will involve diversion of 6.00 Ha of protected Forest land and 1.76 Ha in Ludhiana District. About 2289 trees will be affected for the total Project and 463 in Ludhiana District. For each tree fell, 10 times the number of trees fells will be planted under compensatory afforestation. During pre-construction stage, the source of fugitive dust emission and air pollution due to transportation of machinery and heavy vehicles. It will be temporary and localized only during transportation duration. Change in Land use: A major part of the project corridor runs through productive agricultural land with crops - 95.27%, Built-up & Settlement – 4.16%, government land – 0.51% and forest area – 0.06%.

Project Salient Features

Particulars	Proposed Project	District Ludhiana
Road Length	75+543	27.6
Carriageway	6 Lanes	6 Lanes
ROW	60 m	60 m
Design Speed	100km/hr	100km/hr
Junctions/ Interchange	7	3
Flyover	6	2
Rail Over Bridge	Nil	Nil
Rest Area with Toilets	5	4
Major Bridges	Nil	NIL
Minor Bridges (MNRB)	9	3
Culverts	136	53
Vehicle Underpass (VUP)	1	1
Light Vehicle Underpass (LVUP)	30	14
Small Vehicular Underpass (SVUP)	48	14

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Environment Impact and Mitigation

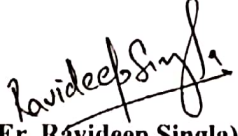
S. No	Item	Impact	Reason	Mitigation/ Enhancement
1	Air Quality Stage	Temporary & Specific (Dust Generation)	<ul style="list-style-type: none"> ▶ Shifting of utilities ▶ Removal of trees and vegetation ▶ Transportation of material ▶ Installation of construction plants 	<ul style="list-style-type: none"> ▶ Sprinkling of water ▶ Fine material to be completely covered during transport and stocking. ▶ Plant to be installed in downwind direction from nearby settlement.
2	Air Quality emissions-Construction stage	Moderate Impacts (Gaseous pollutants and dust generation)	<ul style="list-style-type: none"> ▶ Clearing and grubbing materials ▶ Dumping brushing of the surface access roads to borrow areas ▶ Hot mix plants ▶ Crushers paving of asphalt layers ▶ Labour camps. 	<ul style="list-style-type: none"> ▶ Air pollution Norms will be enforced, Laborers will be provided mask. ▶ Local people will be educated on safety and precaution. ▶ On access roads, newly constructed embankments etc.
3	Air quality emissions-operational stage	Moderate Impacts (Gaseous pollutants)	<ul style="list-style-type: none"> ▶ Air pollutants from traffic dust emissions from types 	<ul style="list-style-type: none"> ▶ Compliance with future statutory regulatory requirements ▶ Auto technology, vehicle fuel quality- improvements
4	Air Quality Monitoring	-	<ul style="list-style-type: none"> ▶ Effectiveness/ shortfall (if any) ▶ Any unforeseen impacts 	<ul style="list-style-type: none"> ▶ Measures will be revised & improved to mitigate/ enhance environment due to any unforeseen impacts.


Thereafter, Environmental Engineer, brought into the notice of public present at the venue of hearing that as per the provisions of EIA notification dated 14.9.2006, as amended from time to time, the persons present at the venue may seek any information or clarifications on the project from the project promoter. It was also brought into the notice of the persons present there that the information or clarifications sought by them and reply given by the project proponent will be recorded in the proceedings of the hearing, which will be sent to the Ministry of Environment, Forests & Climate Change for further consideration. Accordingly, he requested the persons present in the hearing to seek information or clarifications on the project one by one. He also informed that no information/ clarifications/ comments/ views/ suggestions/ objections on the project have been received from the public in writing by the Board, so far.

Then the Environmental Engineer requested the public, that if anyone else want to ask any more question about the proposed expansion project, he may come forward, but no one came forward.

(P) After that people were asked to raise their hands who are in favour of this expansion project and most of the people present raised hands in favour of this project. He then asked the people to raise their hands who are not in favour of the project and no one present in the public hearing raised his hands in disfavour of the project. The public hearing was attended by 30 persons.

The hearing ended with vote of thanks to the Supervisor-Cum-Presiding Officer and the public present in the hearing.


(Er. Ravideep Singla)
 Asst. Environmental Engineer,
 PPCB, Regional Office-4,
 Ludhiana


(Er. A.K. Sharma)
 Environmental Engineer,
 PPCB, Regional Office-4,
 Ludhiana


(Smt. Neeru Katyal Gupta)
 Addl. Deputy Commissioner (Jagraon)
 Ludhiana