



# राजमार्ग RAJMAARG

NHAI BI-MONTHLY NEWSLETTER

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## Inner Lanes



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### Project Launches

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### Chairperson Speaks

Chairperson Smt. Alka Upadhyaya on NHAI's green initiatives

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## NHAI: CREATING SUSTAINABLE HIGHWAY INFRASTRUCTURE



Roads are the growth engine of economic development as they not merely facilitate transportation of people and goods but are an integral part of socio-economic landscape.

India is celebrating 'Azadi Ka Amrit Mahotsav' to commemorate 75 years of independence. To mark this momentous occasion, NHAI has taken several initiatives to build a holistic and sustainable National Highway infrastructure network. Under the Amrit Mahotsav, NHAI organised plantation drives, blood donation camps and eye checkup camps.

Visits for workers to monuments and places of historical importance have also been organised.

Under the Government of India Green Highways Plantations, Transplantations, Beautification and Maintenance Policy 2015 to develop green corridors along National Highways for sustainable environment and inclusive growth, NHAI has taken various initiatives with a vision to saturate the available area along the National Highways with trees. In 2021, NHAI has planted over 72 lakh saplings across India.

As part of the Azadi Ka Amrit Mahotsav celebrations, NHAI, on 17 July 2022, organised a nationwide plantation drive wherein Field Offices planted around 3.95 lakh saplings at 369 locations across the country in a single day.

Under the Amrit Sarovar Mission - a Government of India Initiative to develop and rejuvenate water bodies, NHAI has identified 530 Amrit Sarovars across the country for development and rejuvenation, out of which 185 have been completed.



To watch the Rajmaarg video newsletter

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## Amrit Sarovars for Water Conservation

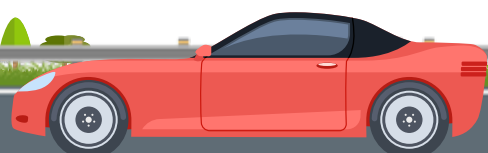
**C**elebrating Azadi Ka Amrit Mahotsav, Amrit Sarovar Abhiyan aims to develop and rejuvenate 75 water bodies in each district of India creating 50,000 water bodies across the country. The Amrit Sarovar Mission will provide new impetus to renew and rejuvenate not only the water bodies but will also help to recharge the groundwater.

Under this initiative Ministry of Road Transport and highways will create over 750 Amrit sarovars and has already completed development of 189 such ponds. Out of which, NHAI aims to create around 530 such ponds across India and has already created 185 Amrit Sarovars.

Construction of highways required huge quantity of earth. With this initiative, the material required for construction of highways is procured from identified water bodies whose storage capacity is reduced due to silting. People's participation in the mission is the focal point.

Creation of Amrit Sarovars will have dual benefits. This will help the village Panchayat and the local farmers with increased water storage capacity of ponds along with the increased water table in the area. At the same time, NHAI will also get material for construction of embankments of highways. So far, 2,39,59,802 Cubic Meter of soil has been utilized from Amrit Sarovars, which has resulted in savings of Rs. 16,690 Lakhs for the National Highway projects.

Celebrating Azadi ka Amrit Mahotsav, NHAI also organised Flag hoisting at over 100 Amrit Sarovar sites across the country on 15th August, 2022. Prominent local personalities, Freedom fighters, their family members, Martyr's family members, Padma awardee and citizens of the local area were invited to grace the occasion.



## PM Inaugurates and Lays Foundation Stone of Road Projects in Deoghar

Hon'ble Prime Minister, Shri Narendra Modi on 12 July 2022, inaugurated and laid the foundation stone of multiple road projects of more than Rs. 10,000 crores in Deoghar, Jharkhand.

The projects inaugurated include six laning of Gorhar to Barwada section of NH-2, widening of Rajganj - Chas upto West Bengal border section of NH-32

The major projects whose foundation stone were laid include four laning of Mirzachowki- Farakka section of NH-80; four laning of Hariharganj to Parwa Mod section of NH-98; four laning of Palma to Gumla section of NH-23; Elevated corridor of Kutchery Chowk to Piska More section of NH-75 among others. These projects will boost connectivity in the region and ensure ease of movement for the common people.

Hon'ble Governor Jharkhand, Shri Ramesh Bais, Hon'ble Chief Minister Shri Hemant Soren, Union Minister Shri Jyotiraditya Scindia and State ministers were also present on the occasion.

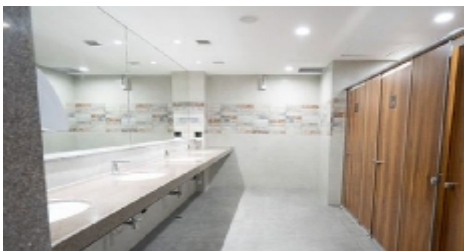


## Shri Gadkari Launches Six NH Projects in Madhya Pradesh

Hon'ble Union Minister for Road Transport and Highways Shri Nitin Gadkari inaugurated and laid the foundation stone of 119 km long six National Highway projects worth Rs. 2,300 crore in Indore, Madhya Pradesh, on 1 August 2022. Madhya Pradesh Chief Minister Shri Shivraj Singh Chouhan was also present on the occasion.

The projects will enhance connectivity in Indore and facilitate trade and commerce, besides affording employment opportunities for the people in the region.

Shri Gadkari also inaugurated Wayside Amenities on the Indore - Khalghat section of NH 52. The amenities include restrooms, food plaza, and medical facilities.



## Savner-Dhapewada-Gondkheri Section of NH 547-E in Nagpur Inaugurated

Hon'ble Union Minister for Road Transport and Highways Shri Nitin Gadkari on 24 July 2022 inaugurated the Savner-Dhapewada-Goundkhairi section of National Highway 547-E in Nagpur.

The 28.88 km stretch has been developed at a cost of Rs. 720 crore and has greenfield bypass, bridges, railway flyover, vehicular underpass, overpass and bus shelters on both sides.

The four-laning of the Savner - Dhapewada - Goundkhairi section will provide better connectivity to the pilgrims to the famous Ganesha Temple at Adasa and the Vitthal-Rukmini Temple at Dhapewada in the area.

The new 4-lane bridge over the Chandrabhaga river will relieve traffic jams in Dhapewada and make travel safer. It will facilitate transfer of the region's agricultural and local products to larger markets. It will also contribute to the growth in logistics and industrial parks in Gondkhairi and Chinchbhavan areas.



## NHAI to Set Up Ropeways in Madhya Pradesh

The Madhya Pradesh Government has signed a MoU with National Highway Logistics Management Limited (NHLML) for the construction of 14 ropeway projects in the state.

The MoU was signed in Indore between Madhya Pradesh Road Development Corporation Limited and National Highway Logistics Management Limited on 1 August 2022, in the presence of Hon'ble Union Minister for Road Transport and Highways Shri Nitin Gadkari and Chief Minister Shri Shivraj Singh Chouhan.

The selected routes for the ropeways include Railway Station to Mahakal Mandir Ujjain, Ramraja Temple Orchha, Gwalior Fort to Phulbagh, Kokta to Nadra Bus Stand Bhopal, Kolar Road to Newmarket Bhopal, Patan Marg to Tikitoriya Mata Mandir in Rahli.

National Highway Logistics Management Limited (NHLML) is a 100 percent owned Special Purpose Vehicle of NHAI assigned to undertake works related to the development of Ropeways and other innovative/alternative mobility solutions.





## Smt. Alka Upadhyaya, IAS Chairperson NHAI

Dear Friends,

Development of National Highway infrastructure is important for the economic development of the country, but at the same time it is imperative for the development to be sustainable. NHAI has always remained steadfast in its resolve to develop green highways to mitigate impact on the environment and the ecosystem.

NHAI has been undertaking plantation drives from time to time to develop eco-friendly National Highways and has constantly addressed ecological concerns by adopting environment-friendly methods. A team of environment, horticulture and forestry experts for planning, implementing and monitoring plantation programs has been created at NHAI HQ and field level. We have also laid emphasis on tree transplantation, and have taken up transplantation of more than 26,000 trees at various locations. Over 9,000 trees have been transplanted along the Dwarka Expressway in New Delhi alone.

To further strengthen this commitment, NHAI under the aegis of 'Azadi Ka Amrit Mahotsav', organised a day long nationwide plantation drive on 17th July 2022. As part of this initiative, NHAI planted more than 3.95 lakh saplings in a single day through simultaneous plantations at 369 identified locations across the country. Spreading the message of environment sustainability, the drive saw enthusiastic participation from public representatives, local people, civil society, NGOs, students and women Self Help Groups from across the country.

Under the Government of India initiative 'Amrit Sarovar Abhiyan', NHAI aims to create around 530 ponds across India and has already created 185 Amrit Sarovars. The Amrit Sarovar Mission will provide new impetus to renew and rejuvenate not only the water bodies but will also help to recharge the groundwater. Construction of National Highways require huge quantity of earth. With this initiative, the material required for construction of highways is procured from water bodies whose storage capacity is reduced due to silting. Creation of Amrit Sarovars will have dual benefits, this will help the village Panchayat and the local farmers with increased water storage capacity of ponds. At the same time, NHAI will also get material for construction of embankments of highways. Commemorating the 75th year of India's Independence, NHAI organized national flag hoisting at around 100 such Sarovars.

While we move ahead at rapid pace to build the National Highway infrastructure for our great nation, we have to focus on new ways to build an ecologically sustainable infrastructure framework. With this objective, I am sure that we, together with our stakeholders will significantly contribute towards protecting the environment and will realize the vision of saturating National Highways with green cover.

With Best Wishes,

Alka Upadhyaya



## NHAI Organised Workshop on Global Navigation Satellite System Based Tolling

NHAI organized a day-long stakeholder consultation workshop on Global Navigation Satellite System (GNSS) based tolling in India. The objective of the workshop was to seek inputs and suggestions from various industry experts and stakeholders on different aspects of the GNSS-based tolling system. Shri Giridhar Aramane, Secretary, Ministry of Road Transport & Highways, NHAI Chairperson Smt. Alka Upadhyaya and other senior officials from the Ministry and NHAI were present on the occasion.

The workshop will help to strategize and design the future roadmap for free-flow tolling system in India based on GNSS technology. Various stakeholders including concerned government departments, ISRO, NIC, and industry players such as Vehicle Manufacturers, AIS-140 On-Board Unit (OBU) manufacturers, Global GNSS service providers, Banks, Payment Aggregators/Gateway Service providers were invited for deliberations on GNSS based tolling system.

Sessions and presentations were held with consultants and industry experts on global best practices for GNSS based tolling. Discussions were held on the findings of the pilot carried out by NHAI on Delhi – Mumbai corridor and various aspects of GNSS architecture, payment settlement process, proposed enforcement measures and legal framework requirements.



## Tripartite Agreement for Swift Development of MMLPs

A tripartite agreement was signed on 24 August 2022 by National Highways Logistics Management Limited (NHLML), Inland Waterways Authority of India (IWAI) and Rail Vikas Nigam Limited (RVNL) for swift development of modern Multi Modal Logistics Parks (MMLP) under Bharatmala Pariyojna across the country with an objective to centralize freight consolidation and reduce logistics cost from 14% to less than 10% of GDP at par with International Standards.

Hon'ble Union Minister for Road Transport and Highways Shri Nitin Gadkari, Union Minister for Ports, Shipping & Waterways and Ayush, Shri Sarbananda Sonowal, and Union Minister of State for Road Transport & Highways and Civil Aviation, Gen (Retd) V.K. Singh were also present on the occasion.

The agreement underlines the cooperation & collaboration model between the three bodies in order to achieve efficiency in logistics movement within the country.

Under PM Gati Shakti, MMLPs will ensure that cargo is shifted from and to Waterways, Dedicated Freight Corridors & Road Transport. MMLP will be a freight handling facility with rail and road accessibility, comprising of container terminals, cargo terminals, warehouses, cold storage, facilities for mechanised material handling and value-added services.

The MMLP project is also poised to develop state-of-the-art large scale warehousing facility for different types of commodities, to become one stop solution for all services related to cargo movement.

The MMLPs will focus on a technology driven implementation for a state-of-the-art freight management system. Many value added services like packaging, repackaging and labelling will be available in these projects.

The NHLML is a Special Purpose Vehicle (SPV) of National Highway Authority (NHAI) of Ministry of Road Transport & Highways while IWAI is a statutory authority under Ministry of Ports, Shipping & Waterways. The RVNL is a wholly owned Public Sector Enterprise under Ministry of Railways. The signatories of the agreement were Prakash Gaur, Chief Executive Officer (CEO), NHLML; Ravi Kant, Chief Engineer & Project Manager for IWAI and Vikas Awasthi, Executive Director (Planning), RVNL.



## राष्ट्रीय राजमार्गों के विकास के लिए एन.एच.ए.आई. का आई.आई.टी. हैदराबाद के साथ समझौता।

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (एन.एच.ए.आई.) ने भारत के राष्ट्रीय राजमार्गों के विकास के लिए नवीन, अत्याधुनिक तकनीक पर काम करने के लिए भारतीय प्रौद्योगिकी संस्थान, (आई.आई.टी.) हैदराबाद के साथ एक समझौते पर हस्ताक्षर किए हैं। इसके अंतर्गत आई.आई.टी. हैदराबाद में एक नया सेंटर ऑफ एक्सिलेंस, ट्रांसपोर्टेशन रिसर्च एंड इनोवेशन हब (टी.आर.आई.हब) स्थापित करने के लिए एक समझौता ज्ञापन (एम.ओ.यू.) पर हस्ताक्षर किए गए।

इससे एन.एच.ए.आई. को राजमार्गों की बुनियादी सं. रचना में अत्याधुनिक अनुसंधान के बारे में पता लगाने और परिवहन के क्षेत्र में नवीन प्रौद्योगिकियों पर काम करने में मदद मिलेगी, जिससे नए भारत के लिए आधुनिक और दीर्घकालिक सड़क मार्ग बनाने के लक्ष्य में तेजी आएगी।



## MoU for Intermodal Station in Katra

A Memorandum of Understanding (MoU) was signed between NHLML and Katra Development Development Authority in presence of Hon'ble Union Minister of Road Transport and Highways, Shri Nitin Gadkari, Union Minister of State for RTH & Civil Aviation Gen. (Dr.) V.K. Singh (Retd) & L.G Jammu & Kashmir Shri Manoj Sinha.

As part of the initiative, Inter Modal Station is being developed in Katra to improve the travelling experience of Pilgrims who are visiting Mata Vaishno Devi shrine. Inter Modal Stations are being developed across the country for improving passenger infrastructure development.



## MoU With IIT-I for Technical Consultancy

NHAI and IIT Indore signed a MoU on areas of technical consultancy in improving quality of other services. Institute will explore the possibility of adopting the trees to be removed during construction of the highways inside its campus at Simrol.

The MoU is a part of a green initiative for both organisations and it will set a model for future road development projects. The Institute will explore the possibility of adopting the trees to be removed during construction of the highways inside its campus at Simrol through transplantation in coordination with the forest department.



## NHAI Signed a MoU with the State Forest Department, Assam

Keeping its commitment towards environment sustainability, NHAI Regional Office, Guwahati, signed a Memorandum of Understanding with the State Forest Department, Assam for plantation of trees along the National Highways in the region.



## Celebrating Azadi ka Amrit Mohotsav

NHAI commemorated 75 years of India's Independence by organizing flag hoisting ceremony on 15 August 2022 at around 100 Amrit Sarovar locations across the country. Prominent local personalities, Freedom fighters & their family members, Martyr's family members, Padma Awardee and citizens of the local area participated in the flag hoisting ceremony.



# Celebrating Azadi ka Amrit Mohotsav



## Nationwide Plantation Drive

NHAI organized a nation-wide plantation drive on 17th July, 2022 and planted over 3.95 lakh saplings in a single day at around 369 sites located along National Highways, at NHAI land parcels and Toll Plazas across the country. Spreading the message of environment sustainability, public representatives, local people, civil society, NGOs, students and women Self Help Groups participated in the drive from across the country.



# Nationwide Plantation Drive



Under the aegis of Azadi Ka Amrit Mahotsav, NHAI Chairperson Smt. Alka Upadhyaya inaugurated a free health and eye check-up camp and planted a sapling at the Panthangi & Korlapahad Toll Plazas on the Hyderabad – Vijaywada section of NH 65. The Chairperson also interacted with workers and officials at the toll plaza during her visit.



### Road Show Organised on Road Safety



Celebrating Amrit Mahotsav, NHAI Project Implementation Unit Palakkad organia Road Safety Awareness program with students at VHSS School, Kanjikode. Office from Regional Transport Office (RTO) were also present on the occasion.





National Highways Logistics Management Limited a 100% owned SPV of NHAJ and MP PWD signed an MoU on Ropeway Projects for alternative mobility solutions in the State of Madhya Pradesh. The state Govt. has submitted the list of 14 projects to be taken up for Ropeway Development.



8:24 PM · Aug 2, 2022 · Twitter Web App



Under #AmritMahotsav, NHAJ Project Implementation Unit Agra organized a blood donation camp, and free eye & health tests at Baros Toll Plaza. Essential medicines were also distributed free of cost to beneficiaries present at the camp.



4:44 PM · Jul 20, 2022 · Twitter Web App



Hon'ble Minister for RTH, Shri @nitin\_gadkari in presence of Shri @ChouhanShivraj, Hon'ble Chief Minister of Madhya Pradesh inaugurated wayside Amenities on the Indore – Khalghat section of NH 52. Restrooms, Food Plaza, and Medical facilities are available for Highway users.



10:37 PM · Aug 2, 2022 · Twitter Web App



Celebrating #AmritMahotsav, NHAJ chairperson Smt. Alka Upadhyaya participated in a tree plantation drive at Dansa, Ghaziabad. It was part of a nationwide initiative to plant about one lakh saplings in a single day along National Highways, at land parcels and toll plazas.



NHAJ Chairperson Smt. Alka Upadhyaya planted a sapling to initiate a day long plantation drive at Dansa, Ghaziabad



celebrating #AmritMahotsav, Regional Office uwahati organized a plantation drive by involving women Self Help Group from Assam State Rural Livelihoods Mission (ASRLM) under the nationwide plantation initiative by #NHAJ. Here is a glimpse of the event.



5 PM · Jul 17, 2022 · Twitter Web App



Under #AmritMahotsav, NHAJ Regional Office Jaipur planted more than 93,000 saplings in a single day across 75 sites in the state of Rajasthan. The nationwide tree plantation drive was organized by NHAJ to promote environment sustainability.



10 PM · Jul 15, 2022 · Twitter Web App

BUILDING A NATION, NOT JUST ROADS.

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