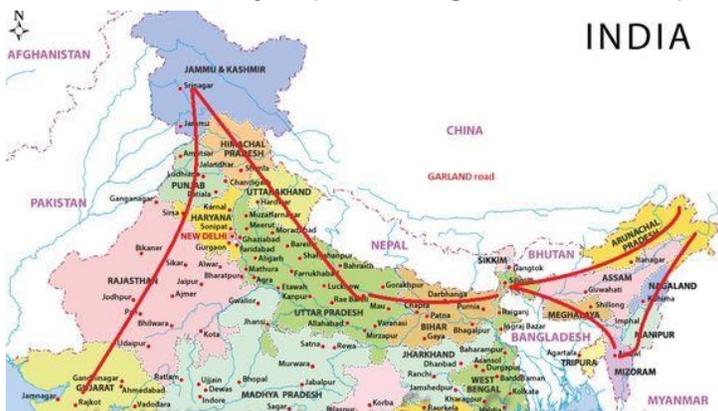


Roads & Highways

01. Bharatmala Project (Total Budget Rs. 10 lakh Cr.)



INDIA

The Bharatmala program will subsume unfinished components of NHDP besides focusing on new projects like development of Border and International connectivity roads, Coastal and port connectivity roads, National Corridors Efficiency improvements, Economic corridors development etc. It will also focus on improving connectivity to Char Dham

Bharatmala Phase 1 details

Road Type	Kms
Economic Corridors (44)	9,000
Inter-corridor & feeder Routes	6,000
National Corridors Efficiency Programme	5,000
Border & International connectivity roads,	2,000
Coastal & port connectivity roads	2,000
Expressways	800
Total Bharatmala Pariyojana Phase-I	24,800
Remaining National Highways under National Highways Development Project (NHDP)	10,000
Total Km to be upgraded at the end of Phase-I	34,800

02. Setu Bharatam Project (Total Budget Rs. 20,800 Cr.)

It will aim to make all NHs free of railway level crossings by 2019 by Construction, strengthening and widening of approximately 1,500 major bridges and 200 Railway Over Bridges (ROBs)/Railway Under Bridges (RUBs) on national highways

Setu Bharatam Project details

State	# of ROBs	State	# of ROBs
Andhra Pradesh	33	Madhya Pradesh	6
Assam	12	Maharashtra	12
Bihar	20	Odisha	4
Chattisgarh	5	Punjab	10
Gujarat	8	Rajasthan	9
Haryana	10	Tamil Nadu	9
Himachal Pradesh	5	Uttarakhand	2
Jharkhand	11	Uttar Pradesh	9
Karnataka	17	West Bengal	22
Kerala	4		

03. MoRTH achieved its ambitious target of completing a scorching 40 kms of national highway per day during Q4:2016-17

04. NHA set to roll out an 'incident management system' with quick response ambulances to be stationed every 50 kms and a greener drive for road users

05. From 1st October 2017, all lanes of all 371 NHA toll plazas in the country will become FASTag enabled for electronic toll collection

06. PM Narendra Modi will roll out more than 9,500 road projects including national highways, state roads and rural roads under PMGSY and Rajasthan's flagship programs on August 29

109 projects are being funded by the road transport ministry and NHAI, which are primarily widening of highways, improvement and construction of state roads. These will cover little over 3,000 km and involve Rs 15,000 crore

07. The Yamuna Expressway Industrial Development Authority (YEIDA), the nodal agency for the Noida International airport project, has started the process to prepare a techno-feasibility report

It has also sought Rs2,000 crore from the state government to acquire 1,000 hectares of agricultural land for the first phase of the project. On the whole, the project requires 5,000 hectares

08. To decongest the Delhi-Gurgaon stretch of NH-8, NHAI has prepared a plan to complete a slew of projects with an investment of at least Rs 8,000 crore in the next three years

Bids for improvement of Gurgaon-Badshahpur - six-lane highway with service roads - have been invited and it will require Rs 1,700 crore investment

The other major project is building of Dwarka Expressway. The 28-km stretch project has been divided into four packages. Work on all packages will start by March 2018 and it will take a maximum of three years for their completion

09. The government is considering setting up an independent financial institution to cater exclusively to the roads and highways sector

The government is also working on raising capital by monetizing the operational road assets of NHAI, a list of 105 projects has been drawn to be monetized over a period of time

Mr. Gadkari said "Now we are planning around 4-5 projects on Mumbai-Baroda stretch, which are worth around Rs47,000 crore and they will all be under the HAM,"

The government is also looking at divesting Dredging Corp of India Ltd (DCIL)

10. The Brihanmumbai Municipal Corporation's (BMC) ambitious coastal road project has reached the final stage of tendering process

The Rs15,000 crore project will connect Mumbai's western suburbs to the island city

Bidders include six international and five Indian companies including Reliance, HCC and L&T

11. Widening of NH between Mangaluru and Karkala via Moodbidri (Karnataka) is set to take off finally as the NHAI is expected to issue a fresh notification, within two months, for acquiring land as per the revised alignment of the proposed four-lane highway

It might require ₹ 20 crore for building a kilometre of four-lane highway under the project. Though the total project cost was yet to be worked out, it might go beyond ₹ 1,000 crore

Waterways

01. PM Modi's pet waterway project runs into trouble as according to Ministry of Environment, Forest and Climate Change (MoEF&CC) the National Waterway-1 (NW1) will need environmental clearance (EC) since it involves dredging River Ganga

02. A team of Inland Waterways Authority of India (IWAI) is visiting Jammu and Kashmir from August 28 to work out the modalities for tapping the network of inland waterways in the State for recreational and transportation activities. In this regard, Chenab, Indus, Jhelum and Ravi rivers have already been declared as National Waterways and notified in the Gazette of India

03. The Centre's ambitious plan to develop 11 rivers in Karnataka as National Waterways to enable transport of goods has not gone down too well with the Water Resources Department, which has questioned the very feasibility of the idea. "There are practical difficulties. Karnataka's river basin is not suitable for waterways", a Water Resources department official told

Smart City

01. The Government ordered constitution of SPVs as Companies Limited by Shares under the Companies Act-2013 named as 'Jammu Smart City Limited' and 'Srinagar Smart City Limited' for implementation of Smart City Development Projects in Jammu and Srinagar under Smart City Mission of Government of India

Railways & Metros

01. The new Metro Rail Policy (MRP) that was just brought out by the Ministry of Urban Development has made private participation mandatory in metro rail projects essentially ruling out the possibility of providing any financial assistance unless the State government ropes in private partners

02. Several railway stations in Odisha would be modernised to leverage commercial potential around them

The Ministry of Railways has written to the State Government to identify railway stations having spare land in and around them for taking up commercial activities. It is a part of developing 400 railway stations across the country

Irrigation

01. The water resources ministry claims to be working towards taking Maharashtra's irrigation potential up to 56% from the current level of 17%

While the national irrigation potential is 45%, Punjab leads with 98%, followed by Haryana at 90%, Bihar at 68% and Uttar Pradesh at 60% among the top states

With more than Rs 80,000 crore required to complete ongoing irrigation projects in Maharashtra, the state's water resources department wants the CM's Office to consider allowing it to raise money through tax-free bonds. Kicking off this financing plan, the department has submitted a proposal to raise Rs 3,000 crore through this route

02. The Cabinet gave its approval for raising Extra Budgetary Resources of up to ₹9,020 crore during the financial year 2017-18 for ongoing irrigation projects in Jharkhand & Bihar. The funds will be raised by the NABARD through the issuance of Bonds at 6 per cent per annum

Ports

01. Sagarmala Project (Total Budget Rs. 8 lakh Cr.)

438 port-related projects along the 7,500 km coastline of the country, 14,500 km of potentially navigable waterways, and strategic locations on key international maritime trade routes over a time span of 20 years

239 projects are at various stages of implementation; 199 are to be taken up by 2020

In the initial stages, the focus is on five states – Gujarat, Maharashtra, Tamil Nadu, Andhra Pradesh and Odisha

The Sagarmala Development Company will act as the nodal agency for coordination and monitoring projects under Sagarmala

Under the Government of India's Sagarmala Programme to promote port-led development, a master plan has been formulated for the 12 Major Ports. 142 port capacity expansion projects with an estimated cost of Rs. 91,434 Crore and capacity creation of 884 MMTPA have been identified in this master plan for implementation over the next 20 years. Out of these, 58 projects with project cost of approximately Rs. 28,767 Crore have been approved

Competitor News

01.  **Sadbhav**
TODAY FOR TOMORROW

Sadbhav Engineering Limited (SEL) has successfully constructed more than 4500 lane kms of roads and highways (both National and State Highways) while an additional 2200 lane kms are under various stages of construction. Its clients include NHAI, Sardar Sarovar Narmada Nigam, Coal India, GIPCL, GHCL, L&T, HCC, Punj Lloyd among others

In the past five years, the top line of SEL revenue has grown at the fastest rates in the construction space. The revenues for the company surged 17 per cent year over year during the first quarter of fiscal 2018

During the quarter, traffic on BOT projects grew 2% YoY. The management has indicated that growth has picked up in August 2017; SEL witnessed growth of 5 to 5.5 per cent YoY. The company is in the process of refinancing four operational BOT projects, which will further improve the BOT arm's cash flows

The increased revenue contribution from high-margin HAM projects at the expense of low-margin Irrigation projects led to EBITDA margins improving 54bps to 11.3 per cent YoY. The interest cost catapulted 87 per cent YoY, yet MAT credit led to profit after tax jumping 14 per cent YoY to Rs 55.5 crore

02.  **LARSEN & TOUBRO**

With the Centre's emphasis on building infrastructure, engineering and construction major L&T plans to harness emerging opportunities in defence, nuclear power, smart cities while further consolidating its presence in transport and urban infrastructure and realty sectors

In its annual report for 2016-17, the company said that is evaluating various options for disinvestment and restructuring of the road concessions business

In the annual report, L&T has hinted that defence will be a major focus area as the business expects large prospect in the coming years

In transport infrastructure, L&T plans to participate in a slew of projects undertaken by the Indian Railways for track modernisation, new railway lines and supporting infrastructure. The company expects metro projects being planned in a number of metro and non-metro cities will provide a steady stream of growth opportunities