



India: Rajasthan State Highway Investment Program - Tranche 2

Project Name	Rajasthan State Highway Investment Program - Tranche 2	
Project Number	49228-003	
Country	India	
Project Status	Proposed	
Project Type / Modality of Assistance	Loan	
Source of Funding / Amount	Loan: Rajasthan State Highway Investment Program - Tranche 2	
	Ordinary capital resources	US\$ 190.00 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth	
Drivers of Change	Governance and capacity development Private sector development	
Sector / Subsector	Transport - Road transport (non-urban)	
Gender Equity and Mainstreaming	Some gender elements	
Description	As the second tranche of the Rajasthan State Highway Investment Program, this project will improve the efficiency and safety of transport on the state highways of Rajasthan, thereby providing good quality connectivity for social and economic activities. The project will (i) upgrade about 754 kilometers of state highways and major district roads (MDRs) to two-lane or intermediate-lane standards in keeping with road safety requirements; and (ii) enhance the capacity of the Public Works Department of the Government of Rajasthan (RPWD) by improving the business processes and procedures of its public private partnership (PPP) division on project management, safeguards implementation and monitoring, and road safety. The project will catalyze the sustainable development of Rajasthan through the collaboration of the public and private sectors.	
Project Rationale and Linkage to Country/Regional Strategy	Rajasthan is the largest state in India, covering an area of 342,239 square kilometers. It has a population of about 68.5 million, 75% of whom live in rural areas and depend their livelihood primarily on agriculture and agro-based industries, mining and mineral processing, tourism, handicraft and cottage industries. Although Rajasthan has strong potential for growth in these sectors, it remains underutilized due to the poor connectivity to socio-economic centers and social services. Road density in Rajasthan is around 63.61 kilometers per 100 square kilometers, which is significantly lower compared to the national average of 166.47 km per 100 square kilometers. In contrast, the number of vehicles registered in Rajasthan has increased significantly, from 10.07 million in 2013 to 14.9 million in 2017, with an average annual growth of 8.2%. To facilitate Rajasthan's development through inclusive economic growth and poverty reduction, the Government of Rajasthan aims to provide a safe, sound, environment-friendly and sustainable state-of-the-art road infrastructure network through the Rajasthan's State Highway Development Program (SHDP). To achieve this objective, SHDP needs to address the following four key challenges: insufficient state budget for capital investment on road constructions; inadequate road maintenance program; weak road safety management; and inadequate capacity of RPWD, in particular on road asset management and road safety. The investment program, designed as an integral part of the SHDP, aims to improve the performance of the state's road transport subsector to facilitate movements of people and goods in a more efficient, safe, and sustainable manner.	
Impact	Good quality connectivity in all areas provided (Three Year Action Agenda: 2017-2018 to 2019-2020).	
Outcome	Efficiency and safety of transport on the state highways of Rajasthan improved.	
Outputs	State highways and major district roads improved. Capacity of the RPWD enhanced.	
Geographical Location		
Safeguard Categories		
Environment		B
Involuntary Resettlement		A
Indigenous Peoples		C
Summary of Environmental and Social Aspects		
Environmental Aspects	An environmental assessment and review framework (EARF) to guide screening, environmental assessment and monitoring of subprojects has been prepared and updated to include the authority and independent engineer and clarify roles in the institutional arrangement. Tranche 2 is categorized as <u>B</u> for environment safeguards in accordance with the SPS. The scope of works for roads under tranche 2 is limited to widening of existing roads to mainly two-lane with granular shoulder. None of the roads pass through or are located near any environmentally sensitive areas. Anticipated environmental impacts under tranche 2 entail typical road construction-related issues such as the generation of dust, noise, exhaust, and waste from construction and worker camps; water contamination; restrictions on animal movement; and occupational health and safety hazards. To minimize adverse impacts on the movements of animals such as the chinkara, nilgai, and road users, particularly in the Thar Desert, the road design includes signboards and pipes turned into box culverts with vegetation camouflage to serve as underpasses. A consolidated Initial Environmental Examination (IEE) has been prepared for all roads with road-specific EMPs and EMoPs and has been disclosed on the ADB and RPWD website. Meaningful consultations with key environmental agencies and roadside communities were conducted during project preparation, and all concerns of the affected persons and stakeholders were incorporated in IEE and EMP. An integrated social and environmental grievance redress mechanism has been formed to continue receiving feedback and complaints from affected parties and addressing them during the construction and operation stages.	

Involuntary Resettlement	A resettlement framework guides the screening and preparation of subprojects. Tranche 2 is classified as category A for involuntary resettlement following the ADB SPS. The engineering design was optimized to minimize land acquisition. Eleven resettlement plans corresponding to the number of project roads have been prepared following India's Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation, and Resettlement Act, 2013 and ADB's SPS, and have been disclosed on ADB's website. About 107 hectares of private land will be acquired, which will affect 645 private structures. In total, 2,295 households comprising 13,334 people will be impacted, of which 799 households will experience economic displacement and 1,496 households will experience physical displacement. The displaced households will be entitled to replacement compensation, shifting cost, and other income restoration assistance for the loss of land and structures. Impacts have been thoroughly assessed and the proposed measures in the resettlement plans are commensurate with these. The RPWD is experienced in implementing projects funded by international development banks and has committed to provide resources to implement the resettlement plans in a timely manner. The RPWD will engage nongovernment organizations to assist with the implementation of the resettlement plans, a project management consultant with a social safeguard specialist to support the implementing agency, and an external expert to verify the outcome of resettlement plan implementation.
--------------------------	---

Indigenous Peoples	Tranche 2 is classified as category C following the SPS. Due diligence has confirmed that there are no indigenous peoples groups in the project area within the meaning of the ADB SPS.
--------------------	---

Stakeholder Communication, Participation, and Consultation
--

During Project Design

During Project Implementation

Business Opportunities

Consulting Services	Project implementation consultant (QCBS 80:20) and External monitor (ICS)
---------------------	---

Procurement	International competitive bidding for 6 contracts
-------------	---

Responsible ADB Officer	Yang Lu
-------------------------	---------

Responsible ADB Department	South Asia Department
----------------------------	-----------------------

Responsible ADB Division	Transport and Communications Division, SARD
--------------------------	---

Executing Agencies	Government of Rajasthan Main Building, Secretariat, Jaipur-302 005, India Public Works Department-Rajasthan 1 Jacob Road, Civil Lines, Jaipur-302006, Rajasthan
--------------------	---

Timetable

Concept Clearance	-
-------------------	---

Fact Finding	-
--------------	---

MRM	03 Jul 2019
-----	-------------

Approval	-
----------	---

Last Review Mission	-
---------------------	---

Last PDS Update	04 Jul 2019
-----------------	-------------

Project Page	https://www.adb.org/projects/49228-003/main
--------------	---

Request for Information	http://www.adb.org/forms/request-information-form?subject=49228-003
-------------------------	---

Date Generated	09 July 2019
----------------	--------------

ADB provides the information contained in this project data sheet (PDS) solely as a resource for its users without any form of assurance. Whilst ADB tries to provide high quality content, the information are provided "as is" without warranty of any kind, either express or implied, including without limitation warranties of merchantability, fitness for a particular purpose, and non-infringement. ADB specifically does not make any warranties or representations as to the accuracy or completeness of any such information.