

**SECTOR REPORT UPDATE ON
TRANSPORT**

Projects and Studies Supported by IFIs

**Senior Officials' Meeting on Central Asia Regional Economic Cooperation
26-27 April 2005
Manila, Philippines**

**CAREC Member Country
Projects and Studies Supported by IFIs**

I. Central Asia and Mongolia

Table I A: Recently Completed¹

	Agency	Grant Amount (US\$ M)	Date Completed	Description
1. Studies				
AZE Yevlax-Ganja Road Rehabilitation	ADB	0.15	Mar 2005	The TA will increase the efficiency and safety of transport on the east-west road corridor. The output of the TA is the preparation of an updated feasibility study on the Yevlax-Ganja road rehabilitation project suitable for ADB financing. The feasibility study will cover (i) technical, economic, social, and environmental assessments of the Project; and (ii) an analysis of Azerbaijan's road sector to identify major issues to be addressed under the Project.
KAZ Formulation Rural Road Development Plan	ADB	0.15	2004	The TA will formulate a plan for rural road development to facilitate Government decision-making, particularly at the regional level. The plan will also assist in generating a framework for managing and financing rural roads network and other rural transport infrastructure.
KAZ Feasibility Study of Aktau-Atyrau Road Improvement	ADB	0.15	2004	The TA will enable a review, and revisions where necessary, of the Government's proposal for improving the road from Atyrau to Aktau with external financing.
KAZ Improvement of the Road Sector Efficiency	ADB	0.75	2002	The objective of this project was to identify the constraints to the implementation of the cross border agreement and to improve the institutional capacity in the road safety.
KGZ Improvement of the Road Sector Efficiency	ADB	0.44	2004	The objective of this project was to identify the constraints to the implementation of the cross border agreement and to improve the institutional capacity in the road safety.
KGZ Common Legal Basis for Transit Transportation (all Traceca countries incl. KR)	EC	2.00 Euro	2004	Set up a working group attached to the IGC, comprising members of the National Co-ordination committees.
KGZ Central Asia Railways Telecommunications	EC	1.50 Euro	2003	The main task of the project is the preparation of a detailed feasibility study of a railway information communication system, including a fiber optic cable backbone, and ancillary equipment, for the Central Asian Railways.
KGZ Pre-feasibility Study of a New Rail Link between the	EC	1.50 Euro	2002	Study of a New Rail Link between the Ferghana Valley, Bishkek and Kasghar (China).

¹ Projects or Technical Assistance for which completion report is available.

	Agency	Grant Amount (US\$ M)	Date Completed	Description
Ferghana Valley, Bishkek and Kasghar (China).				
MON Formulation of Master Plan on Modernization of Railway	JICA	7.00 Yen	2004	This plan supported the Mongolian Railway's effort to outline a mid-to-long-term railway management plan, and includes support for those who designed the plan.
MON Feasibility study for Regional Transport Infrastructure	KfW	0.50 Euro	2004	Feasibility study for 60 km asphalt road connecting Uliastai, Zavhan aimag center, to the airport.
MON Preparing the Third Roads Development Project (PP)	ADB	0.60	2004	Feasibility study for 430 km Choir-Sainshand-Zamyn Uud
MON Civil Aviation Policy Development	ADB	0.30	2003	Assisted the Government to develop a long-term vision for the sector and its role in the economy, and forward-looking aviation sector policies and a regulatory framework that will support private sector participation in the future in air transport services and infrastructure.
MON Feasibility Study on the Eastern-Arterial Road	JICA	1.68	2002	Feasibility study for 250km road from Erdene soum, Tov aimag to Ondorhaan soum, Khentii aimag.
MON Preliminary Feasibility Study on the Millennium Road	India	0.30	2002	Recommended the most effective alignment for the 2,668 km route and developed preliminary cost estimate and economic analysis
MON Phase 1 of Rehabilitation of Mongolian Railway	JICA	347.00 Yen	2002	Construction of railway drainage facility including 35 pipe and box culverts.
MON Policy Support in the Road Sector	ADB	0.67	2002	Enhanced operational effectiveness and efficiency of the Department of Roads by (i) strengthening its financial management system; (ii) encouraged privatization and private sector participation in road maintenance, improvement, and construction; and (iii) improved management of the Rural Fund.
TAJ Institutional Strengthening of the Transport and Energy Sectors	ADB	1.39	2004	Assisted the Government in reviewing and preparing draft legislation to create an enabling framework for the delivery of market-based services and restructuring and establishing key institutions to improve the management efficiency of the transport and energy sectors.
TAJ Road Rehabilitation	ADB	0.73	2004	Prepared a transport sector profile, a capital investment and management profile, and a feasibility study for a priority road rehabilitation project.
UZB Facilitating Development of the Railway Sector	ADB	0.60	2004	Rehabilitation of 341 km of Uzbekistan's railway network, as well as a continuation of the institutional and policy reforms begun under ADB's earlier Loan 1631-UZB: Railway Rehabilitation Project.

	Agency	Loan Amount (US\$ M)	Date Completed	Description
2. Projects				
KGZ Second Road Rehabilitation Project	ADB	50.00	2005	Improved the efficiency and safety of the principal road transport corridor by the rehabilitation of the priority sections of the Bishkek-Osh roads.
KGZ Support to the Transport Sector in KR	EC	1.20 Euro	2004	To support the development of the transport sector and to support the reform in the public transport sector in order to improve the quality of services in the region and to encourage competition in the sector. Pilot activities in the rout Bishkek-Karakol.
KGZ TRACECA Coordination Team	EC	2.50 Euro	2004	Set up three working groups: road, rail and maritime, attached to the IGC. The groups are to meet at regular intervals. The project is to be managed from a regional center.
KGZ Unified policy on transit fees and tariffs	EC	2.00 Euro	2003	Set up three working groups, road, rail and maritime, attached to the IGC. The groups are to meet at regular intervals, and members are to be deeply involved in all project activities. The project is to be managed from a regional center.
MON Regional Transport Infrastructure	KfW	4.00 Euro	2004	Construction of: (i) 60 km asphalt road connecting Uliastai, Zavhan aimag center, to the airport, and (ii) Spot improvements in various directions in Selenge and Darhan provinces including bridges, culverts, embankments, drains
MON Darkhan-Erdenet Road Improvement Project	Kuwait Fund	18.20	2002	Construction of 180 km long, 7m wide asphalt road including safety and drainage facilities.

Table B: On-going²

	Agency	Grant Amount (US\$ M)	Expected Completion Date	Description
1. Studies				
AZE Transport Sector Strategy	ADB	0.40	2005	The TA will improve transport planning and performance to facilitate envisaged contribution of the sector to economic stability and poverty reduction.
AZE Yevlax-Ganja Road Rehabilitation	ADB	0.15	2005	The TA will increase the efficiency and safety of transport on the east-west road corridor. The output of the TA is the preparation of an updated feasibility study on the Yevlax-Ganja road rehabilitation project suitable for ADB financing. The feasibility study will cover (i) technical, economic, social, and environmental assessments of the Project; and (ii) an analysis of Azerbaijan's road sector to identify major issues to be addressed under the Project.
KAZ Formulation of State Roads Development Plan	ADB	0.15	2005	The TA will develop a comprehensive program for sustainable development of state roads during 2006-2015 in line with the Government's strategy, thereby strengthening and improving road sector contribution to economic development and regional cooperation.
KGZ Improving Road Maintenance & Strengthen Transport Sector	ADB	0.80	2007	The TA will provide an advisory and operational TA to assist in establishing and operating the management department of the Osh-SaryTash-Irkeshtam transport corridor.
KGZ Institutional Support in the Transport Sector	ADB	0.65	2005	The TA will review the recommendations of the previous TAs and estimate the financing needs of the road sector.
KGZ Awareness and Prevention of HIV/AIDS/STI and Human Trafficking	ADB	0.50	2005	The TA will focus on capacity building by utilizing international expertise in addressing HIV/AIDS/STI and human trafficking.
KGZ Southern Transport Corridor Road (Osh-Sary Tash-Irkeshtam) Project , Phase II	ADB	0.50	2006	To reduce poverty and increase regional trade and cooperation by rehabilitating the road linking Andijan, Uzbekistan; Osh, Kyrgyz Republic; and Kashgar, Peoples Republic of China
MON Altai Transport Corridor	ADB	0.15	2005	The TA will accelerate sustainable economic growth in Mongolia, particularly in its remote and isolated western area and to promote regional cooperation. The purpose of the Project is to undertake a pre-feasibility study on the north-south Altai road transport corridor.
MON Formulating Transport Sector Strategy	ADB	0.30	Sep 2005	The TA will to improve transport performance to facilitate sustainable economic growth and poverty reduction in Mongolia. The purpose is to help the Government formulate a transport strategy for 2005–2015.

² Projects or Technical Assistance which have been approved by the IFI.

	Agency	Grant Amount (US\$ M)	Expected Completion Date	Description
MON TA Basic Design of the Erdene-Undurkhaan Road	JICA	0.58	Mar 2005	The TA will construct 77 km road along with bridges
UZB Uzbekistan Transport Sector Study	ADB	0.60	2005	The TA will examine the transport sector in Uzbekistan, and make recommendations for ADB's future interventions in the sector. The study will assist in developing projects linked to ADB's program focus areas of managing the transition (particularly institutional development) and unlocking the potential for future growth (encouraging regional cooperation and trade).
TAJ Dushanbe-Kyrgyz Border Road Rehabilitation (Phase I)	ADB/ OPEC Fund	21.0 (15.0 ADB; 6.0 OPEC Fund)	2008	The project road provides the only substantial link between the Rasht Valley and the capital Dushanbe, and comprises part of an international corridor to the Kyrgyz Republic and the People's Republic of China (PRC). The Project will rehabilitate 140 kilometers (km) of the Dushanbe-Nurobod section of the Dushanbe-Kyrgyz border road, as well as 77 km of rural roads serving poor villages.
UZB Furthering Policy Reforms in Railway Sector	ADB	0.60	2005	The TA will aid in the development of UTY and to mitigate potential negative impacts of the reforms begun under ADB's earlier Loan 1631-UZB: Railway Rehabilitation Project.
REG Regional Traffic Enhancement Project	ADB	0.60	2005	The objectives of the RETA are to study and critically evaluate the existing interchange facilities (rail, road, and intermodal options included) and the facilitation measures at each of the borders, identify the potential investments required to develop these common facilities at the interchange points between these countries, and recommend policy support for such initiatives.

	Agency	Loan Amount (US\$ M)	Expected Completion Date	Description
2. Projects				
KGZ Customs Facilities at Central Asian Road Border Crossings	EC	2.00 Euro	March 2005	To review the previous TRACECA work for border crossing systems improvement and to liaise with the IJCMLA.
KGZ Capacity Development for the Transport Senior Officials	EC	1.70 Euro	July 2005	The project will transfer western European know how to the Ministries involved, the top level of the, railway administrations and the custom authorities as well as the port authorities of the Black Sea and Caspian Sea Ports along the TRACECA Corridor and the custom offices in the before mentioned ports and at the points of border crossing.
KGZ Almaty-Bishkek Regional Road Rehabilitation Project	ADB/ TRACECA	5.00	2005	To rehabilitate the Bishkek-Geogievka road and two bridges, improvement of the customs facilities and construction supervision
KGZ Second Road Development project	ADB/ JBIC	50.00	2006	To rehabilitate the 100 km road section between Bishkek and Osh and construction

	Agency	Loan Amount (US\$ M)	Expected Completion Date	Description
				supervision.
KGZ Third Road Rehabilitation Project	ADB	40.00	2006	To rehabilitate the 120 km road section between Bishkek and Osh and 125km secondary roads, procurement of the maintenance equipment and construction supervision.
KGZ Trade Facilitation and Institution Support	EC	2.0 Euro	Aug 2006	The project purpose and deliverables are development and follow-up of the implementation of the TRACECA Visa and the TRACECA freight documentation.
KGZ Southern Transport Corridor Road Rehabilitation	ADB	32.80	2009	The Project will reduce poverty and increase regional trade and cooperation by rehabilitating the road linking Andijan, Uzbekistan; Osh, Kyrgyz Republic; and Kashgar, Peoples Republic of China
MON Second Roads Development Project	ADB	25.00	Jan 2006	The Project will provide: (i) civil works to upgrade 200 km long Nalaikh-Choir; (ii) procurement of road maintenance equipment, and (iii) consulting services for detailed design and construction supervision, monitoring and evaluation, and capacity development.
MON Erdenet-Bulgan-Unt Road Improvement Project	Kuwait Fund	19.50	Sep 2006	To reconstruct the earthen road between Erdenet, Bulgan and Unt, with a length of about 141.6 km and an asphalted width of 6.0 m with 1.5 m gravel shoulders. The Project also includes consulting services for the preparation of feasibility studies, detailed design and supervision of construction, and institutional support for the Department of Roads.
MON Credit 34780 Transport Development Project	WB	34.00	Dec 2005	To reconstruct the paved road from Erdenesant to Arvaikheer (177 km out of the total road length of about 240 km).
MON Phase 2 of Rehabilitation of Mongolian Railway	JICA	668.0 Yen	Mar 2005	To construct railway drainage facility including 30 pipe and box culverts
MON Regional Road Development Project	ADB	37.1	Jul 2009	Construction of (i) 428 km two-lane asphalt concrete road between Choyr and Zamyn Uud, and (ii) 3.3 km four-lane asphalt concrete road between Zamyn uud and the border with the PRC
TAJ Road Rehabilitation Project	ADB/OPEC	20.0	Dec 2005	Rehabilitation of the 88 km road between Dushanbe and Khulyab, procurement of the maintenance equipment and construction supervision
TAJ Dushanbe-Kyrgyz Road Rehabilitation Project	ADB/OPEC	15.0	Dec 2007	Rehabilitation of the 140 km road between Dushanbe and Darband, procurement of the maintenance equipment and construction supervision
UZB Regional Railways Rehabilitation Plan	ADB	20.00	2005	To facilitate regional cooperation and economic growth by developing and rationalizing the railway network and promoting reliable, safer, faster, and more accessible transportation.

Table C: Pipeline³

	Agency	Grant Amount (US\$ M)	Timing	Description
1. Studies				
AZE North-South Road Corridor Improvement	ADB	0.60	2007	The pipeline will improve the efficiency of transport and safety on the road between Baku and the Iranian border through reconstruction of road infrastructure and institutional strengthening of government agencies in the transport sector.
KGZ Improvement of the Road Maintenance and Strengthening the Transport Corridor Management Department	ADB	0.8	2006	To improve an efficiency of the road maintenance financing and strengthen the operations of the management department of the Osh-SaryTash-Irkeshtan transport corridor
REG Regional Road Development (Phase 1) (KAZ/KGZ/TAJ/TKM/UZB)	ADB	0.60	2006	To study and critically evaluate the road infrastructure and identify the investments required to develop this infrastructure to meet the needs of regional transport in these countries.
REG Regional Railway Development, Phase I (KAZ/KGZ/TAJ/TKM/UZB/PRC)	ADB	0.85	2006	To study and critically evaluate the existing railway infrastructure, develop a regional railway network, and identify the potential investments required to develop infrastructure on this network to meet the needs of regional transport in these countries.
REG Harmonization of Cross Border Initiatives for Transport Sector in Central Asia (AZE/KAZ/KGZ/TAJ/TKM/UZB/PRC)	ADB	0.85	2006	The study will develop a comprehensive plan for harmonization of the common minimum standards among the various countries in the region. The study would also identify the potential investments that would need to be supported in the region for improving cross-border facilitation and relate them to the potential economic benefits.
REG Policy Reforms in the Transport Sector in Central Asia	ADB	0.60	2007	
TAJ Dushanbe-Kyrgyz Border Road Rehabilitation Project, Phase III	ADB	0.40	2006	The goal is to prepare the phase III Project, which will aim to reduce poverty and increase regional trade and cooperation by rehabilitating the road linking Dushanbe, Tajikistan, to the border with the Kyrgyz Republic.
2. Projects				
AZE Central Corridor Roads Improvement II	ADB	15.0	2006	The Project will contribute to the expansion of trade and transport services by improving the central corridor highway between Baku and Tbilisi, Georgia, which is currently in dilapidated condition. It will also contribute to improved management of the transport sector.

³ Pipeline project and TA dates reflect the anticipated date of approval.

II. Peoples Republic of China

Table II A: Recently Completed⁴

	Agency	Grant Amount (US\$ M)	Date Completed	Description
1. Studies				
PRC Capacity Building for Social Assessments	ADB	0.78	2002	The immediate objective of the TA is to build the capacity of design institutes and research academies at national and provincial levels to conduct social assessments for development investments.
PRC Preparing the Hunan Roads Development II	ADB	0.60	2002	The TA will help the Government prepare an integrated roads development project to support pro-poor growth and reduce poverty in the western part of Hunan Province.
PRC Preparing the Guangxi Roads Development II	ADB	0.50	2003	The Project (i) conforms to the national development policies and strategies for Western Region, thus leading to attaining great multi-support from central government and local governments. It will (ii) enhance the PRC national highway system to speed up the provincial transportation development so that the gap of provincial economy between Central Region and Western Region can be narrowed.
PRC Corporatization, Leasing and Securitization in the Road Sector	ADB	1.00	2003	The TA will help develop institutional capacity to promote corporatization, leasing and securitization in the road sector.
PRC Capacity Building in Traffic Safety, Planning and Management	ADB	0.60	2004	The goal of the TA was to reduce the number and severity of road accidents across PRC and strengthen institutional capacity. The objectives were to: (i) review traffic legislation, rules and regulations; (ii) review traffic management and accident systems; (iii) conduct training both locally and overseas; (iv) prepare promotion materials; (v) develop national road safety program and action plan; and (vii) assess the needs for further capacity building in MPS and the provincial public security bureaus.
PRC Preparing the Western Yunnan Roads Development Project	ADB	0.77	2004	The TA will help the Government to prepare an integrated roads development project to support pro-poor economic growth and reduce poverty in the western part of Yunnan Province.
PRC Ningxia Roads Development Project	ADB	0.60	2004	The TA will help the Government prepare an integrated roads development project to support sustainable economic growth and reduce poverty in the southern part of the Ningxia Hui Autonomous Region.
PRC Preparing the Hunan Roads Development III	ADB	0.50	2004	The Project will consist of (i) a four-lane, 75.3 km expressway from Jishou to Huayuan, with a designed speed of 60-80 km/hr; (ii) upgrading of associated local roads; (iii) procurement of equipment; (iv) land acquisition and resettlement; and (v)

⁴ Projects or Technical Assistance for which completion report is available.

	Agency	Grant Amount (US\$ M)	Date Completed	Description
				consulting services for construction supervision, monitoring and evaluation, and training.
PRC Socioeconomic Assessment of Roads Project	ADB	0.25	2004	The primary objectives of the TA are to (i) develop analytical tools to assist in predicting the direct and indirect effects of roads, (ii) identify the effective linkages between the expressway investment and the flow of benefits to the poor, and (iii) strengthen a baseline socioeconomic assessment framework to effectively monitor these linkages.
PRC Dali Lijiang Railway Project	ADB	0.50	2004	The primary objectives of the TA are to (i) assist the Government in reviewing and strengthening the Project feasibility study, the EIA, the resettlement plan, and related studies to meet ADB's requirements for possible financing.
PRC Preparing the Central Sichuan Roads Development	ADB	0.70	2004	The Project will (i) construct an expressway from Ya'an to Lugu in a mountainous terrain, (ii) improve local roads servicing poor counties and townships, and (iii) provide consulting services and training.

	Agency	Loan Amount (US\$ M)	Date Completed	Description
2. Projects				
PRC Fangcheng Port Development Project (Loan 1427)	ADB	52.00	2002	The Project aimed to remove physical constraints on the growth of foreign and domestic trades, and to enhance cost recovery.
PRC Hebei Expressway	ADB	220.0	2003	The Project connects Baodi in the municipality of Tianjin through Tangshan to the port of Qinhuangdao, and hence to Shanhaiguan near the border of Hebei and Liaoning provinces.
PRC Shenyang-Jinzhou Expressway	ADB	200.0	2003	The Project constructed 192 km of a six-lane controlled-access toll expressway from Shenyang to Jinzhou.
PRC Second Yantai Road Project	ADB	53.00	2003	The Project covers (i) the construction of two container berths that are capable of handling 15,000 deadweight tons (dwt) and 30,000 dwt, respectively; two conventional cargo berths that are capable of handling 15,000 dwt and 20,000 dwt vessels, respectively; and related facilities; (ii) the procurement of container and other cargo handling equipment, port service vessels, and various vehicles; and (iii) the training of staff members in port management, construction administration, and plan development.
PRC Changchun-Harbin Expressway: Hashuang Expressway	ADB	170.00	2004	The Changchun-Harbin Expressway Project will promote economic and social development in the northeastern part of the country by completing a key section of the transport infrastructure.
PRC Changchun-Harbin Expressway:	ADB	220.00	2004	The Project was designed to (i) improve access from parts of Jilin province to the

Changyung Expressway				more developed provinces of the east and south, (ii) provide additional transport capacity and reduce transport costs in the project area to enhance business and trade opportunities and attract investment, (iii) alleviate congestion and reduce accidents on existing roads, (iv) improve access for trade between the PRC and the Russian Federation and Mongolia, (v) enhance road safety standards on the Project and related facilities, and (vi) support the corporatization of expressway construction and operations.
PRC Chengdu Nanchong Expressway Project	ADB	250.00	2004	The Project was designed to promote economic and social development in the eastern part of Sichuan by improving (i) road infrastructure in the Chengdu-Nanchong corridor, and (ii) access to poor communities and disadvantaged areas.
PRC Chongqing Expressway (Loan 1470)	ADB	150.00	2004	The proposed expressway will be an important component of the Chongqing Municipality Road Networks. It will surround the municipality and relieve traffic within it, help to explore development routes of the Municipality, and promote economic development.
PRC Jiangxi Expressway	ADB	150.00	2004	The Project included construction of 134 km of four-lane, controlled-access toll highway to asphalt concrete paved standards, including (i) a 3,710-meter-long cable-stay bridge and 46 other bridges totaling about 3,310 meters (m) in length, (ii) two twin tunnels about 2,000 m long, (iii) interchanges with toll facilities, and (iv) upgrading of about 253 km of access roads to the expressway.
PRC Hebei Roads Development Project	ADB	167.00	2005	The Project relieved traffic congestion and improve the integration of interregional commerce by assisting in the development of National Road 104, a key element of the National Trunk Highway System.
PRC Guizhou Shuibai Railway	ADB	105.00	2005	The Project promoted economic growth by providing the necessary transport infrastructure in the Project area to create the conditions necessary to reduce endemic poverty.

Table II B: On-going⁵

	Agency	Grant Amount (US\$ M)	Expected Completion Date	Description
1. Studies				
PRC Heilongjiang Roads Network Development	ADB	0.50	2005	The objective of the TA is to help the EA prepare the Project in conformity with ADB requirements. The TA will (i) review and refine the feasibility study, the EIA, the RP, and related analyses to meet the requirements for ADB financing; (ii) help formulate the policy agenda that will enhance poverty reduction impacts,

⁵ Projects or Technical Assistance which have been approved by the IFI.

	Agency	Grant Amount (US\$ M)	Expected Completion Date	Description
				increase rural transport services, facilitate private sector participation in the road sector, and improve road maintenance; and (iii) identify the social dimensions to be incorporated in the project design, including measures to maximize the benefits of the improved roads to the poor.
PRC WTO-Policy Reform Support to MOR	ADB	0.40	2005	The TA will to help MOR review potential impacts of the PRC accession to WTO, assess MOR's preparedness to address these impacts, and recommend action and policy reform support to meet these challenges.
PRC Preparing the Xi'an-Zhengzhou Railway Project	ADB	0.40	2005	The TA will assist the Government in reviewing and strengthening the project feasibility study, the EIA, the resettlement plan, and related studies to meet ADB's requirements for possible financing
PRC Preparing the Xi'an Urban Transport Project	ADB	0.75	2005	The TA aims to (i) assist the government in refining the feasibility study, including an environmental impact assessment (EIA) and resettlement plan, for the proposed Xi'an Urban Transport Project in conformity with ADB's requirements; and (ii) review the urban transport sector issues and provide the basis for policy dialogue with the Government
PRC Poverty Impact of Area Wide Road Networks	ADB	1.00	2005	The TA aims to improve planning of road network investments and operations in the PRC, which will benefit the poor and increase overall economic benefits from road network investments through better linkage between local roads and National Trunk Highway System.
PRC Preparing the Hunan Roads Development III Project	ADB	0.50	2005	The TA will help the Government prepare an integrated roads development project to support pro-poor economic growth and reduce poverty in the project area.
PRC Preparing the Gansu Road Development	ADB	0.50	2005	The Project will support the Government's strategy by building an important section connecting the two growth centers of Lanzhou and Xi'an by (i) constructing an expressway across hilly to mountainous terrain; (ii) improving local roads servicing poor counties and townships; and (iii) providing consulting services and training to enhance construction quality, road safety, and project monitoring and evaluation.
PRC Policy Reform in Road Transport	ADB	0.50	2005	The TA will help the Government improve the performance of the road transport industry by formulating and implementing policy reforms in the road freight and passenger industries. The main output of the TA will be a realistic road transport reform action plan and assistance in implementing the action plan.
PRC SSTA to Evaluate Poverty Impacts of Transport Projects	ADB	0.15	2005	The TA is to (i) measure the <i>ex post</i> impacts of transport investments, integrating indirect and direct impacts into the framework; (ii)

	Agency	Grant Amount (US\$ M)	Expected Completion Date	Description
				develop the <i>ex ante</i> poverty impact evaluation methodology operationally applicable; and (iii) provide a handbook for measuring and monitoring poverty-reduction impacts, to enhance their effectiveness in projects.
PRC Taiyuan-Zhongwei Railway	ADB	0.50	2006	The project will build a passage between northwest and northern PRC, reinforce the economic and cultural connection between the north region and hinterland, enhance nationality unity, reduce poverty along the alignment, and improve railway quality and competitiveness.
PRC SSTA to Support Ethnic Minorities Development Plan	ADB	0.15	2007	The objective of the Project is to promote sustainable economic growth by enhancing transportation capability in a less accessible and mountainous region, thereby creating employment and income-enhancing opportunities, raising incomes, and reducing poverty.
PRC Gansu Roads Development II	ADB	0.50	To be determined	The project will greatly improve local economic development by connecting all the large and medium -sized cities, regional economic centers, transport centers, and tourism spots, and by developing interprovincial and economic regional transport for passengers and freight.
PRC Rural Road Development Strategy	ADB	0.25	To be determined	The TA will analyze the main factors (investment, technology, standards, etc.) that affect rural road development
PRC Railway Passenger and Freight Reform Policy	ADB	0.50	To be determined	The TA will research on (i) the competitive ability of railway passenger transportation; (ii) the development of the urban railway market; (iii) the competitive ability of goods transportation in various economic areas; and (iv) the development trend of railway goods transportation to third party logistics.
PRC Sichuan Road Development V	ADB	0.40	To be determined	Not yet developed.
PRC Road Safety and Urban Transport Improvement Project	ADB	0.40	To be determined	The objectives of the TA are to reduce the severity, incidence and cost to the community of road traffic accidents, and provide sustainable urban transport system through (i) Introduction of the proposed National Road Safety Program Components of TA 3341-PRC in one 'model' province to demonstrate the socioeconomic benefits of improved road safety and sustainable transport system; (ii) Enhance capacity of MPS to lobby with the central Government and provinces for further road safety and urban transport reform; and (iii) Create regional road safety cooperation protocol between PRC, Central Asia and ASEAN

	Agency	Loan Amount (US\$ M)	Expected Date of Completion	Description
2. Projects				
PRC Guangxi Roads Development	ADB	150.0	2006	The Project will promote sustainable economic growth, and, thus, contribute to poverty reduction, by improving economic efficiency and reducing the cost of road transport in the southwestern region of GZAR.
PRC Hefei-Xi'an Railway Project	ADB	300.0	2006	The Project will promote economic growth in poor interior provinces to raise living standards and reduce poverty. This will be achieved by providing railway infrastructure that facilitates economic transportation of goods and people, and improves access of the poor to employment opportunities and income generation activities.
PRC Shanxi Road Development	ADB	250.0	2006	The Project will contribute to enhancing incomes by and reducing poverty in the southern part of Shanxi province by lowering transport costs.
PRC Shanxi Road Development II Project	ADB	124.0	2007	The Project will (i) construct a new expressway and a bridge over the Yellow River (Huanghe); (ii) improve local (complementary) roads servicing poor counties and townships in the project influence area; (iii) provide consulting services and training to enhance construction quality, road safety and vehicle emissions control, and project monitoring and evaluation.
PRC Guangxi Roads Development II Project	ADB	200.0	2008	The Project will (i) Improve living conditions of minority communities in the Project area and reduce poverty, (ii) promote the sustainable development of natural resources, and (iv) promote tourism and trade and the GMS.
PRC Western Yunnan Roads Development Project	ADB	250.0	2008	The Project will build a 77 km expressway between Baoshan and Longling prefectures in Yunnan Province; improve local roads serving poor counties and townships; and provide consulting services and training, and project monitoring and evaluation (M&E).
PRC Xi'an Urban Transport Project	ADB	270.0	2008	Enhance productivity and efficiency in Xi'an Municipality by (i) reducing urban traffic congestion by augmenting road capacity; (ii) improving urban road management and maintenance; (iii) improving public transport services; and (iv) strengthening coordination between multiple agencies responsible for urban transport policy, planning, regulations, and operations.
PRC Southern Sichuan Roads Development	ADB	300.0	2008	The Project will (i) construct an expressway across hilly to mountainous terrain; (ii) improve local roads servicing poor counties and townships; and (iii) provide consulting services and training to enhance construction quality, road safety, and project monitoring and evaluation. The project expressway will support the Government's Western Region Development Strategy by

	Agency	Loan Amount (US\$ M)	Expected Date of Completion	Description
				building an important section of the western region corridor in Sichuan Province.
PRC Ningxia Roads Development Project	ADB	250.0	2009	The Project will (i) Promote the development of road infrastructure to improve mobility and road transport efficiency, and thereby stimulate economic activity; (ii) integrate remote areas in southern Ningxia into the regional economic centers, and thus help reduce poverty in the project area; (iii) support poverty reduction programs in Ningxia; and (iv) assist in capacity building in expressway financing, design, construction, and management. The Project will build a 185 km expressway from Tongxin to Yanchuanzi.
PRC Central Sichuan Roads Development	ADB	600.00	2010	The Project will enhance economic development and reduce poverty by improving access in northern Sichuan and construct a 244 km trunk road, comprising Ya'an-Shimian section and Shimian-Lugu sections.
PRC Xi'an Zhengzhou Railway Development	ADB	400.00	2010	The project will build a passage between northwest and northern PRC, reinforce the economic and cultural connection between the north region and hinterland, reduce poverty along the alignment, and improve railway quality and competitiveness. The project will build a 463-km-long passenger railway starting at Zhengzhou, passing Luoyang, Sanmenxia, and Weinan, and ending at Xi'an.
PRC Hunan Road Development III	ADB	200.00	2010	<p>The Project will construct a 64.4 km access controlled four-lane expressway from Jishou to Chadong, which will supply a link in the Changsha-Chongqing western corridor, one of the priority western corridors in the 10th Five-Year Plan. The Project is located in the Xiangxi Autonomous Prefecture, one of the well-known poverty areas in the PRC. About 80% of the total population in the project area is ethnic minorities.</p> <p>The Project will promote economic growth and reduce poverty in western Hunan by lowering transport costs, relieving traffic congestion, and improving access in the project area.</p> <p>The Project components are: (i) the construction of a 64.6 km access-controlled, four-lane expressway; (ii) the upgrading of 129 km of local roads to improve access to poor remote minority areas; (iii) the procurement of equipment; (iv) land acquisition and resettlement; and (v) consulting services for construction supervision and related services.</p>
PRC Dali-Lijiang Railway	ADB	180.0	2010	The Project will be a second-grade, single-line railway between Dali and Lijiang,

	Agency	Loan Amount (US\$ M)	Expected Date of Completion	Description
				totaling 168 km, including 54 bridges and tunnels. It will (i) Help the minority communities along the railway rise out of poverty, (ii) promote the reasonable and sustainable development of natural resources, and (iii) promote tourism.
PRC Hunan Roads Development II Project	ADB	312.0	2010	Stimulate economic development and thereby reduce poverty in the poor, landlocked central region.
PRC Gansu Roads Development Project	ADB	300.0	2010	The Project will support the Government's strategy by building an important section connecting the two growth centers of Lanzhou and Xi'an by (i) constructing an expressway across hilly to mountainous terrain; (ii) improving local roads servicing poor counties and townships; and (iii) providing consulting services and training to enhance construction quality, road safety, and project monitoring and evaluation.
PRC Yichang-Wanzhou Railway	ADB	500.0	2010	The Project will promote pro-poor economic growth by reducing the bottleneck in the major east-west corridor of the PRC railway network and by promoting the local economy by making safer, faster, and more affordable transportation available and accessible. The Project envisages the construction of a 377.5 km class-I single-track electrified railway linking Yichang in Hubei Province, and Wanzhou in Chongqing Municipality.

Table II C: Pipeline⁶

	Agency	Grant Amount (US\$ M)	Timing	Description
1. Studies				
PRC Railway Development Project	ADB	0.50	2006	To be determined
PRC Yunnan Expressway	ADB	0.50	2006	To be determined
PRC Urban Transport Project	ADB	0.50	2006	To be determined
PRC Rural Transport Services Study	ADB	0.50	2006	To be determined
PRC Inland Road Development	ADB	0.50	2007	The Project will enhance economic development and reduce poverty by improving transport access of less developed provinces in the western region to regional markets.
PRC Sustainable Road Asset Management –Pilot Road Concession Project	ADB	0.50	2007	To be determined
PRC Regional Road Development Study (for 2006-2010 in the Northwestern Regions, including Xinjiang)	ADB	0.60	2007	To be determined
PRC Policy Study in Financing, Building and Maintaining Local Road Network	ADB	0.50	2007	To be determined

	Agency	Loan Amount (US\$ M)	Timing	Description
2. Projects				
PRC Heilongjiang Roads Network Development	ADB	200.0	2006	To be determined
PRC Central Corridor Roads Improvement II	ADB	15.0	2006	To be determined
PRC Taiyuan-Zhongwei Railway	ADB	250.0	2006	The project will build a passage between northwest and northern PRC, reinforce the economic and cultural connection between the north region and hinterland, enhance nationality unity, reduce poverty along the alignment, and improve railway quality and competitiveness.
PRC Sichuan Road Development V	ADB	200.0	2005	Construction/development of Shimian to Lugu Expressway, with total length of 123km
PRC Yunnan Expressway	ADB	200.0	2007	To be determined
PRC Railway Development Plan	ADB	300.0	2007	To be determined
PRC Urban Transport Project	ADB	200.0	2007	To be determined

⁶ Pipeline project and TA dates reflect the anticipated date of approval.