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Implementation Status & Results
Paraguay
Road Maintenance (P082026)

Operation Name: Road Maintenance (P082026) | Project Stage: Implementation | Seq.No: 20 | Status: ARCHIVED | Archive Date: 16-Jun-2014

Country: Paraguay | Approval FY: 2007

Product Line: IBRD/IDA | Region: LATIN AMERICA AND CARIBBEAN | Lending Instrument: Specific Investment Loan

Implementing Agency(ies): MOPC

Key Dates

Board Approval Date	24-Aug-2006	Original Closing Date	30-Jun-2012	Planned Mid Term Review Date	06-Sep-2011	Last Archived ISR Date	17-Nov-2013
Effectiveness Date	03-Jan-2008	Revised Closing Date	30-Jun-2015	Actual Mid Term Review Date	29-Nov-2011		

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project's development objective is to establish a sustainable road management strategy that ensures the upgrading and maintenance of the road network through a rational and balanced use of scarce resources.

Has the Project Development Objective been changed since Board Approval of the Project?

○ Yes ◉ No

Component(s)

Component Name	Component Cost
Strengthening of Road Management and Strategic Planning	6.51
Improvement and Maintenance of Paved Road Network	43.35
Improvement and Maintenance of the Unpaved Road Network	42.90

Overall Ratings

	Previous Rating	Current Rating
Progress towards achievement of PDO	Moderately Satisfactory	Moderately Satisfactory
Overall Implementation Progress (IP)	Moderately Satisfactory	Moderately Satisfactory
Overall Risk Rating	Moderate	Moderate

Implementation Status Overview

There has been considerable progress in project implementation over the last five months. Project disbursements are at 60 percent but are expected to increase substantially once all major civil works contracts are concluded (almost all by end of December 2014, and only one before the closing date of June 2015). Key activities that contribute to the achievement of the Project Development Objectives (PDO) are well advanced including: (i) establishment of a road asset management system (road inventory and condition, traffic count system, road administration, and road tolling contracts are underway and advancing well); (iii) the implementation of performance-based contracts (GMANS) financed with loan proceeds over 642 Km of paved roads and in compliance with technical standards (some additional 647 Km are also being managed through GMANS financed outside this project, as a result of

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which about 25 percent of the paved network is now being managed through this modality) with contracts in their final maintenance phase or closing; (iii) the operationalization of a social and environmental management system which is used for safeguards monitoring of all the civil works under the project; (iv) the ongoing implementation of contracts to rehabilitate some 140 km of unpaved roads in the three selected departments is also progressing very well with works programmed to be completed by the end of the year; and (vi) the constitution and training of six micro-enterprises (45 persons of which 29 are percent women) to carryout routine maintenance activities over some 101km of rural roads has also been implemented and successfully concluded. The major civil works, consulting, goods, and non-consultant services are 100 percent contracted and under implementation. Only minor procurement processes for consultants are left to be contracted. All project activities are programmed to be successfully concluded before the project closing date. MOPC has set an ambitious goal to conclude all major project activities by the end of December 2014.

Locations

Country	First Administrative Division	Location	Planned	Actual
Paraguay	Not Entered	Yuty		
Paraguay	Not Entered	Arroyo Ytororó		
Paraguay	Not Entered	Ypane		
Paraguay	Not Entered	Ypacarai		
Paraguay	Not Entered	Yhú		
Paraguay	Not Entered	Yby Yaú		
Paraguay	Not Entered	Yataity		
Paraguay	Not Entered	Yarati-í		
Paraguay	Not Entered	Yaguarón		
Paraguay	Not Entered	Villa Florida		
Paraguay	Not Entered	Veinticinco de Diciembre		
Paraguay	Not Entered	Unión		
Paraguay	Not Entered	Tuna		
Paraguay	Not Entered	Río Tebicuary		
Paraguay	Not Entered	Tavaí		
Paraguay	Not Entered	Tarumá		
Paraguay	Not Entered	Tapytá		
Paraguay	Not Entered	Tacuara		
Paraguay	Not Entered	Santa Rosa		

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Country	First Administrative Division	Location	Planned	Actual
Paraguay	Not Entered	Santa Rita		
Paraguay	Not Entered	San Pedro de Ycuamandiyú		
Paraguay	Departamento de San Pedro	Departamento de San Pedro	✓	
Paraguay	San Pedro	Departamento de San Pedro		✓
Paraguay	Not Entered	San Patricio		
Paraguay	Not Entered	San Pablo de Ycuámandyyú		
Paraguay	Not Entered	Potrero San Miguel		
Paraguay	Not Entered	San Miguel		
Paraguay	Not Entered	San Lorenzo		
Paraguay	Not Entered	San Juan Nepomuceno		
Paraguay	Not Entered	San Juan Bautista		
Paraguay	Not Entered	San José		
Paraguay	Not Entered	San Joaquín		
Paraguay	Not Entered	San Ignacio		
Paraguay	Not Entered	San Francisco		
Paraguay	Not Entered	San Estanislao		
Paraguay	Not Entered	San Bernardino		
Paraguay	Not Entered	San Antonio		
Paraguay	Not Entered	San Agustin		
Paraguay	Not Entered	Salto del Guairá		
Paraguay	Not Entered	Rosario		
Paraguay	Not Entered	R. I. Tres Corrales		
Paraguay	Not Entered	Repatriación		
Paraguay	Not Entered	Raul Oviedo		
Paraguay	Not Entered	Quiindy		

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Paraguay	Not Entered	Estero Pirí Pucú		
Paraguay	Not Entered	Pilar		
Paraguay	Not Entered	Pedro Juan Caballero		
Paraguay	Not Entered	Departamento de Paraguarí		
Paraguay	Not Entered	Paraguarí		
Paraguay	Not Entered	Nueva Londres		
Paraguay	Not Entered	Departamento de Ñeembucú		
Paraguay	Not Entered	Departamento de Misiones		
Paraguay	Not Entered	Limpio		
Paraguay	Not Entered	Lima		
Paraguay	Not Entered	La Pastora		
Paraguay	Not Entered	Itauguá		
Paraguay	Not Entered	Departamento de Itapúa		
Paraguay	Not Entered	Río Itanará		
Paraguay	Not Entered	Itacurubí de la Cordillera		
Paraguay	Not Entered	Itá		
Paraguay	Not Entered	Hernandarias		
Paraguay	Not Entered	Guarambaré		
Paraguay	Not Entered	Departamento del Guairá		
Paraguay	Not Entered	Guaica		
Paraguay	Not Entered	General Isidoro Resquín		
Paraguay	Not Entered	General Elizardo Aquino		
Paraguay	Not Entered	General Delgado		
Paraguay	Not Entered	Eusebio Ayala		
Paraguay	Not Entered	Encarnación		

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Paraguay	Not Entered	Emboscada		
Paraguay	Not Entered	Doctor Juan Manuel Frutos		
Paraguay	Not Entered	Doctor Cecilio Báez		
Paraguay	Not Entered	Cuatro Mojones		
Paraguay	Not Entered	Coronel Oviedo		
Paraguay	Not Entered	Coronel Bogado		
Paraguay	Not Entered	Departamento de la Cordillera		
Paraguay	Not Entered	Departamento de Concepción		
Paraguay	Not Entered	Concepción		
Paraguay	Not Entered	Colonia Liberación		
Paraguay	Not Entered	Ciudad del Este		
Paraguay	Not Entered	Chore		
Paraguay	Not Entered	Departamento Central		
Paraguay	Not Entered	Carmen del Paraná		
Paraguay	Not Entered	Carayaó		
Paraguay	Not Entered	Carapeguá		
Paraguay	Not Entered	Capiatá		
Paraguay	Not Entered	Departamento de Canindeyú		
Paraguay	Departamento de Caazapa	Departamento de Caazapa	✓	
Paraguay	Caazapa	Departamento de Caazapa		✓
Paraguay	Not Entered	Caapucú		
Paraguay	Departamento de Caaguazu	Departamento de Caaguazu	✓	
Paraguay	Not Entered	Caaguazú		
Paraguay	Not Entered	Caacupé		
Paraguay	Not Entered	Buena Vista		

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Paraguay	Not Entered	Asunción		
Paraguay	Not Entered	Arroyos y Esteros		
Paraguay	Not Entered	Departamento del Amambay		
Paraguay	Not Entered	Departamento del Alto Paraná		
Paraguay	Not Entered	Abaí		
Paraguay	Asuncion	Asuncion	✓	
Paraguay	Asuncion	Asuncion	✓	

Results

Project Development Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Number of rural community beneficiaries with improved access to all weather roads in the three departments	☐	Number	Value	0.00		34100.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments	New indicator measuring increase in number receiving all weather accessibility benefits in line with core indicator on accessibility.	To be measured at end of gravel works on the 140km in the three departments	Target estimate
Increased level of budget execution	☐	Percentage	Value	68.00	74.00	75.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments	New indicator as per restructuring to measure budget execution efficiency		
Percentage of users reporting satisfaction with the quality of the roads (San Pedro, Caazapa and Caaguazu road segments)	☐	Percentage	Value			
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments	See breakdown below	See breakdown below	See breakdown below
Percentage reporting roads to be in bad condition	☐	Percentage Sub Type Breakdown	Value	51.00		0.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments	Baseline	Indicator to be measured when 140km road works in three departments are completed	Expect zero percent reporting roads in bad condition at end

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Percentage reporting roads to be in fair condition	☐	Percentage Sub Type Breakdown	Value	35.00		50.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments	Baseline	Indicator to be measured when 140km road works in three departments are completed	Indicator to be measured when 140km road works in three departments are completed
Percentage reporting roads to be in good condition	☐	Percentage Sub Type Breakdown	Value	14.00		50.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments	Baseline	Indicator to be measured when 140km road works in three departments are completed	Indicator to be measured when 140km road works in three departments are completed
Road strategy and five year plan implemented	☐	Text	Value	No	Yes	Yes
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments	New PDO level indicator as per approved restructuring	Completed. The five year strategy is under implementation and being monitored	
Percentage compliance with standards of the length contracted	☐	Percentage	Value	0.00	93.00	90.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments	New indicator as per restructuring to measure effectiveness of the GMANS contracts approach	Compliance	
Number of Public Transport Vehicles in the Departments of San Pedro, Caazapa and Caaguazu	☐	Number	Value	17.00		42.00
			Date	01-Jan-2008	01-Apr-2014	28-Feb-2014
			Comments		Works are ongoing so it is not efficient to measure indicator at this time	Target revised intp one for San Pedro, Caazapa and Caaguazu

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Intermediate Results Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Indigenous Peoples Plan prepared and implemented	☐	Text	Value	No	IPP prepared.	IPP prepared and implemented with 3 multi-use community centers
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments		Three multi-centers to be constructed	

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Maintenance system for unpaved roads is established through micro-enterprises in selected departments	☐	Text	Value	0	6	10
			Date	01-May-2008	01-Apr-2014	30-Jun-2015
			Comments	Number of micro-enterprises	Number of micro-enterprises	Number of micro-enterprises
Vehicle operating cost-truck: San Pedro, Caazapa, Caaguazu (Guarani per veh-km)	☐	Number	Value			
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments			
Vehicle operating cost-truck: Caazapa	☐	Number Sub Type Breakdown	Value	11283.28	10496.92	10496.92
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments	In Guaranis per veh-km	To be measured when Caazapa roads are completed	To be measured when Caazapa roads are completed
Vehicle operating cost-truck: Caaguazu	☐	Number Sub Type Breakdown	Value	11360.44	11360.44	10568.70
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments	In Guaranis per veh-km	To be measured when Caaguazu roads are completed	To be measured when Caaguazu roads are completed
Vehicle operating cost-truck: San Pedro	☐	Number Sub Type Breakdown	Value	11482.61	11482.61	10682.36
			Date	02-Jan-2012	01-Apr-2014	30-Jun-2015
			Comments	In Guaranis per veh-km	To be measured when San Pedro roads are completed	To be measured when San Pedro roads are completed
Road monitoring system implemented	☐	Text	Value	No	System contracted and under implementation	System established
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments			
Master plan for optimization of roads toll collection developed and implemented	☐	Text	Value	Outdated toll collection system with 16 stations	Modern integral toll collection system underway	Modern integral toll collection system built and equipped for 11 stations
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments			
Roads rehabilitated, Non-rural	☒	Kilometers	Value	0.00	624.00	624.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments		624 km intervened under GMANS contracts (1271km including 629km supported by IDB)	624 km intervened under GMANS contracts (1271km including 629km supported by IDB)
Roads rehabilitated, Rural	☒	Kilometers	Value	0.00	15.00	140.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015

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			Comments		Five contracts underway. Physical progress of finished to surfacing level km is 15, though progress on contract quantities and activities is much higher.	
Component 1 - Number of law, decrees and regulations related to the project enacted	☐	Number	Value	0.00	5.00	2.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments	Road Classification Law and Road Transit Law	COMPLETED. Road Planning Directorate Ministerial Decree issued; Road Strategy prepared; Five year plan under implementation; RoadTransit Law and Road Classification Law, have both been prepared and in the parliament for promulgation--indicator was surpassed	Road Classification Law and Road Transit both Promulgated
Component 1 - Creation of Road Strategic Planning Unit	☐	Text	Value	No Unit	DPV created, operational, equipped and trained	DPV created, operational, equipped and trained
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments			
Component 1 - Programming and follow-up of the result-based management and budget implemented	☐	Text	Value	Non-existent	Report on executionof budget for results	Report on execution of budget for results
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments		The results' based budget pilot is monitored by MEF quarterly	
Component 1 - Strategy of Internal and external communication on road maintenance implemented	☐	Text	Value	No strategy	Communications plan prepared and implemented implementation	Communications plan prepared and implemented implementation
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments		Strategy is under implementation and publication in MOPC's website	
Component 2 - Km of road networked maintained under level of service	☐	Kilometers	Value	0.00	1270.70	968.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015

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			Comments		COMPLETED. Roads rehabilitated and under maintenance. Includes 3 WB GMANS contracts for 624 km and 2 IDB contracts for 647 km	Roads rehabilitated and under routine maintenance
Component 3 - Km of Unpaved Road Network Improved	☐	Kilometers	Value	0.00	15.00	140.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments		Ongoing. Five contractsroad works in the departments of San Pedro, Caaguazu yCaazapa	
Component 3 - km of unpaved road network maintained at appropriate standards	☐	Kilometers	Value	0.00	101.00	140.00
			Date	01-Jan-2008	01-Apr-2014	30-Jun-2015
			Comments		Ongoing. 12 Microenterprises for routine maintenance are being contracted and trained	Length of unpaved roads maintained at appropriate standards

Data on Financial Performance (as of 02-Apr-2014)

Financial Agreement(s) Key Dates

Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P082026	IBRD-74060	Effective	24-Aug-2006	13-Oct-2006	03-Jan-2008	30-Jun-2012	30-Jun-2015

Disbursements (in Millions)

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P082026	IBRD-74060	Effective	USD	74.00	74.00	0.00	44.60	29.40	60.00

Disbursement Graph

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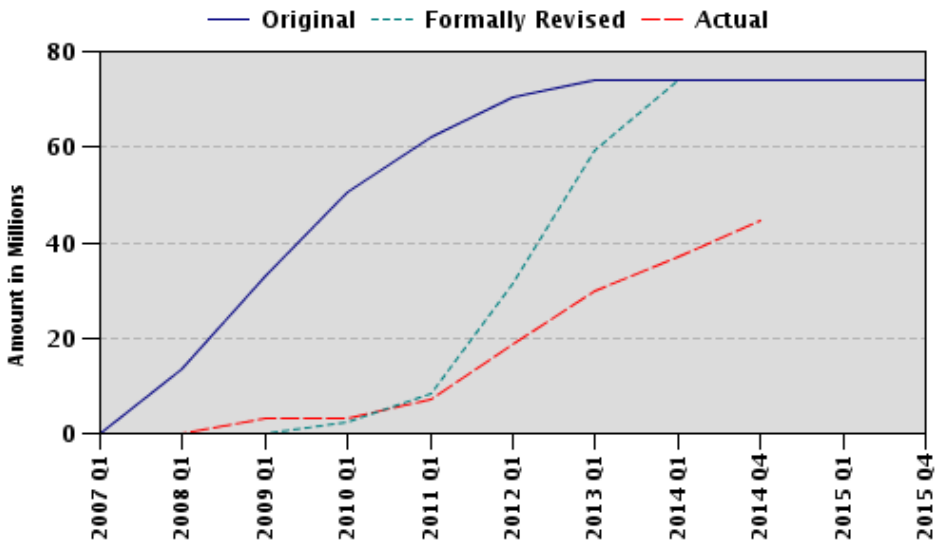

Key Decisions Regarding Implementation

None

Restructuring History

Level two Approved on 11-Jun-2012, Level two Approved on 28-Mar-2013, Level 2 RVP Decision on 03-Feb-2014

Related Projects

There are no related projects.

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