

u. 8599-GE

Supplemental Letter No. 2

GEORGIA

March 28, 2016

International Bank for Reconstruction and Development
1818 H Street, N.W.
Washington, D.C. 20433
United States of America

Re: Loan No. 8599-GE
(Secondary Road Asset Management Project)
Performance Monitoring Indicators

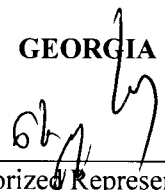
Dear Sirs and Mesdames:

This refers to the provisions of Section II.A.1 of Schedule 2 to the Loan Agreement of this date between the International Bank for Reconstruction and Development and Georgia (Borrower) for the above-captioned Project.

The Borrower hereby confirms to the Bank that the indicators set forth in the attachment to this letter shall serve as a basis for the Borrower to monitor and evaluate the progress of the Project and the achievement of the objectives thereof.

Very truly yours,

GEORGIA

By 
Authorized Representative

Attachment

**GEORGIA: (Secondary Road Asset Management Project)
Performance Monitoring Indicators**

Project Development Objectives							
PDO Statement							
The Project Development Objectives are (i) to improve road users' access to social services and markets on the project roads in a sustainable manner, and (ii) to enhance road asset management for the secondary roads network in Georgia.							
These results are at Project Level							
Project Development Objective Indicators							
Indicator Name	Baseline (2015)	Cumulative Target Values					
		YR1 (effectiveness in 2016-2017)	YR2 (2018)	YR3 (2019)	YR4 (2020)	YR5 (2021)	End Target
Share of secondary road network in good and fair condition (Percentage)	60.70	61.8	63.1	64.3	65.00	65.00	65.00
Travel time to socio-economic centers or district centers on Guria OPRC roads (Min)	320.00	299.00	273.00	255.00	255.00	255.00	255.00
Travel time to socio-economic centers or district centers on project roads under design-build contracts (Min)	135.00	125.00	114.00	107.00	100.00	100.00	100.00
Length of project roads managed under innovative practices (OPRC and design-build) as part of the Five-Year Rolling Program	0.00	270.00	296.00	320.00	340.00	340.00	340.00

Intermediate Results Indicators							
Indicator Name	Baseline	Cumulative Target Values					
		YR1 (effectiveness in 2016-2017)	YR2 (2018)	YR3 (2019)	YR4 (2020)	YR5 (2021)	End Target
Roads rehabilitated, km (core indicator)	0.00	58.00	116.00	136.00	160.00	160.00	160.00
Annual update of a fully-costed Five-Year Rolling Program for improvement and preservation of secondary road assets based on the improved methodology and preparation of an annual plan for the next FY (Yes/No)	Five-Year Rolling Program and YR1 plan under preparation	Five-Year Rolling Program updated and YR2 plan prepared	Five-Year Rolling Program updated and YR3 plan prepared	Five-Year Rolling Program updated and YR4 plan prepared	Five-Year Rolling Program updated and YR5 plan prepared	Five-Year Rolling Program updated and YR6 plan prepared	Yes
Length of secondary roads for which condition data is annually collected and entered in RAMS <i>with new equipment</i> (km)	2,250	3,000	4,000	4,000	4,000	4,000	4,000
Number of traffic points for which traffic data is annually collected <i>with new equipment</i> on secondary roads and entered RAMS (number)	62.00	70.00	80.00	90.00	100.00	100.00	100.00
iRAP/GeoRAP done on international and secondary roads networks in the project regions	Guria region to be done in 2016	Guria region	Mtskheta-Mtianeti	Racha-Lechkhumi	Shida Kartli		
iRAP Star rating on the project roads in Guria	TBD- Star rating from the pilot iRAP assessment	-	-	A better value than the original Star Rating	A better value than the original Star Rating	A better value than the original Star Rating	A better value than the original Star Rating
Road safety campaign carried out in Guria	No	No	No	Yes	Yes	Yes	Yes
Introduction of climate resilience practices in RD's road asset management	No	No	Mapping of vulnerable roads and development of climate resilience	Implementation of priority measures in Racha	Implementation of priority measures in Racha	Yes	Yes

			measures in Racha				
Direct project beneficiaries (number), of which female (percentage – 50%)	100,681	100,681	100,681	100,681	100,681	100,681	100,681
Share of female individuals who participated in consultations (%)	50	50	50	50	50	50	50

Indicator Description

Project Development Objective Indicators				
Indicator Name	Description (indicator definition etc.)	Frequency	Data Source / Methodology	Responsibility for Data Collection
Share of the secondary road network in good and fair condition	Percentage of the secondary road network in good and fair condition after completion of rehabilitation and periodic maintenance on project road sections (percentage based on the total accessible network length of 4,500 km)	Annual	Annual road condition survey	RD
Travel time to socio-economic centers or district centers on Guria OPRC roads	Total travel time is calculated only for travel on road sections subject to rehabilitation and periodic maintenance under OPRC. 20% decrease in travel time, on average, is expected on all those sections by the project completion.	Annual	Annual survey	RD
Travel time to socio-economic centers or district centers on project roads under design-build contracts (Min)	Total travel time is calculated for travel the project roads under the design-build contracts. 25% decrease in travel time, on average, is expected on all those sections by the project completion.	Annual	Annual survey	RD
Length of project roads managed under innovative practices (OPRC and design-build) as part of the Five-Year Rolling Program	Length of project roads managed under innovative practices (OPRC and design-build) as part of the Five-Year Rolling Program	Quarterly	Quarterly Progress Reports	RD
Intermediate Results Indicators				
Indicator Name	Description (indicator definition etc.)	Frequency	Data Source / Methodology	Responsibility for Data Collection
Roads rehabilitated, km (core indicator)	Total length of the roads rehabilitated under the project	Quarterly	Quarterly Progress Reports	RD

Annual update of a fully-costed Five-Year Rolling Program for improvement and preservation of secondary road assets based on the improved methodology and preparation of an annual plan for the next FY (Yes/No)	Update of a fully-costed Five-Year Rolling Program for improvement and preservation of secondary road assets based on the improved methodology (multi-criteria analysis and annually collected data for RAMS) and preparation of an annual plan for the next FY	Annual	Annual Reports	RD
Length of secondary roads for which condition data is annually collected <i>with new equipment</i> on secondary roads and entered in RAMS	Length (km) of secondary roads for which condition data is annually collected <i>with new equipment</i> on secondary roads and entered in RAMS	Annual	Annual Reports	RD
Number of traffic points for which traffic data is annually collected on secondary roads and entered in RAMS (number)	Number of traffic points for which traffic data is annually collected on secondary roads and entered in RAMS (number)	Annual	Annual Reports	RD
iRAP/GeoRAP done on international and secondary roads networks in the project regions	GeoRAP done on the entire roads networks in Guria, Mtskheta-Mtianeti, Racha-Lechkhumi, and Shida Kartli	Annual	Annual Reports	RD
iRAP Star rating on the project roads in Guria	iRAP Star rating on the project roads in Guria prior to start of OPRC implementation and during its implementation	Annual	GeoRAP system	RD's RSU
Road safety campaign carried out in Guria	Road safety campaign carried out in Guria	Quarterly	Quarterly progress reports	RD
Introduction of climate resilience practices in RD's road asset management	Introduction of climate resilience practices in RD's road asset management is defined as carrying of assessment and mapping of vulnerable roads, development and implementation of climate resilience measures on Racha's road network	Quarterly	Quarterly progress reports	RD
Direct project beneficiaries (number), of which female (percentage)	Direct project beneficiaries (number), of which female (percentage)	Annual	Annual reports	RD
Share of female individuals who participated in consultations (%)	Share of female individuals who participated in consultations (%)	Annual	Annual reports	RD