



Secondary Road Asset Management Project (P149953)

EUROPE AND CENTRAL ASIA | Georgia | Transport Global Practice |
IBRD/IDA | Investment Project Financing | FY 2016 | Seq No: 6 | ARCHIVED on 06-May-2019 | ISR34923 |

Implementing Agencies: Roads Department of the Ministry of Regional Development and Infrastructure (RDMRDI), GEORGIA

Key Dates

Key Project Dates

| | |
|---|--|
| Bank Approval Date: 18-Mar-2016 | Effectiveness Date: 06-Jul-2016 |
| Planned Mid Term Review Date: 30-Jan-2019 | Actual Mid-Term Review Date: 30-Apr-2019 |
| Original Closing Date: 31-Dec-2021 | Revised Closing Date: 31-Dec-2021 |

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objectives are (i) to improve road user's 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.

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

No

Components

Name

Secondary Road Assets Improvement and Preservation:(Cost \$46.40 M)
Enhanced Secondary Roads Asset Planning and Management:(Cost \$1.50 M)

Overall Ratings

| Name | 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 and Key Decisions

* The project is progressing satisfactorily. RD is committed to deliver all the target activities and measures as planned. The project is on track to achieve its PDO and final targets of the Disbursement-linked Indicators (DLIs).

* Rehabilitation works are ongoing on all 4 project's road sections: Khidistavi - Ateni - Boshuri (km 12.4-22.5), Tianeti - Akhmeta (km 1.0-29.0), Jinvali-Barisakho-Shatili (km16.0-32.0) and Tchrebalo-Nikortsminda (km0.0-25.0). The preparation of the Guria output- and performance-based road contract in Guria covering about 250 km is ongoing and the tender for Guria OPRC is expected to be announced in second Quarter of 2019. The implementation of the iRAP activities in the Guria region under this Project will start as soon as consultations between RD and iRAP are completed. The RD has awarded the contract for the design of climate resilience measures on Racha's secondary road network, and commencement date was 12 March 2019. (target for implementation is 2019-2020).

Risks

Systematic Operations Risk-rating Tool

| Risk Category | Rating at Approval | Previous Rating | Current Rating |
|--|--------------------|-----------------|----------------|
| Political and Governance | ● Low | ● Low | ● Low |
| Macroeconomic | ● Moderate | ● Moderate | ● Moderate |
| Sector Strategies and Policies | ● Low | ● Low | ● Low |
| Technical Design of Project or Program | ● Substantial | ● Substantial | ● Substantial |
| Institutional Capacity for Implementation and Sustainability | ● Moderate | ● Moderate | ● Moderate |
| Fiduciary | ● Substantial | ● High | ● High |
| Environment and Social | ● Low | ● Moderate | ● Moderate |
| Stakeholders | ● Low | ● Low | ● Low |
| Other | -- | -- | -- |
| Overall | ● Moderate | ● Moderate | ● Moderate |

Results

PDO Indicators by Objectives / Outcomes

| Improve road users' access to social services & markets on the project roads in a sustainable manner | | | | |
|--|--|-------------------|------------------|-------------|
| ► Share of the secondary road network in good and fair condition (Percentage, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 60.70 | 60.70 | 61.40 | 65.00 |
| Date | 31-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |
| Comments: | 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) | | | |
| ► Travel time to socio-economic centers or district centers on Guria OPRC roads (Minutes, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 320.00 | 320.00 | 320.00 | 255.00 |
| Date | 01-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |

| | | | | |
|---|---|-------------------|------------------|-------------|
| Comments: | 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. | | | |
| ►Travel time to socio-economic centers or district centers on project roads under design-build contracts (Minutes, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 135.00 | 135.00 | 122.00 | 100.00 |
| Date | 01-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |
| Comments: | 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. | | | |

| | | | | |
|--|---|-------------------|------------------|-------------|
| Enhance road asset management for the secondary roads network in Georgia | | | | |
| ►Length of project roads managed under innovative practices (OPRC and design-build) as part of the Five-Year Rolling Program (Kilometers, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 79.57 | 79.57 | 340.00 |
| Date | 01-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |
| Comments: | Length of project roads managed under innovative practices (OPRC and design-build) as part of the Five-Year Rolling Program | | | |

Intermediate Results Indicators by Components

| | | | | |
|--|---|-------------------|------------------|-------------|
| Secondary Road Assets Improvement and Preservation | | | | |
| ►Roads rehabilitated, Rural (Kilometers, Custom, DLI) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 0.00 | 0.00 | 33.40 | 195.00 |
| Date | 01-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |
| Comments: | Kilometers of all rural roads reopened to motorized traffic, rehabilitated, or upgraded under the project. Rural roads are roads functionally classified in various countries below Trunk or Primary, Secondary or Link roads, or sometimes Tertiary roads. Such roads are often described as rural access, feeder, market, agricultural, irrigation, forestry or community roads. Typically, rural roads connect small urban centers/towns/settlements of less than 2,000 to 5,000 inhabitants to each other or to higher classes of road, market towns and urban centers. | | | |
| ►Direct project beneficiaries (number), of which female (percentage – 50%) (Number, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 100,681.00 | 100,681.00 | 100,681.00 | 100,681.00 |
| Date | 01-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |
| Comments: | Direct project beneficiaries (number), of which female (percentage) | | | |



| ►Share of female individuals who participated in consultations (Percentage, Custom) | | | | |
|---|---|-------------------|------------------|-------------|
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 50.00 | 50.00 | 29.00 | 50.00 |
| Date | 01-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |
| Comments: | At project design it was estimated that the share of females participating in consultations will be 50% in line with the share of females in the population. Recent consultations were carried out only on the resettlement action plans and as such the share of female participants was 29% in line with the share of female in the affected zones and the nature of consultations (land ownership and household heads). The 50% target at project close remain unchanged, considering potential increase in consultation during upcoming activities. | | | |

| Enhanced Secondary Roads Asset Planning and Management | | | | |
|--|---|-------------------|------------------|-------------|
| ►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, Custom, DLI) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | No | Yes | No | Yes |
| Date | 01-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |
| Comments: | Gathering of data is ongoing. | | | |
| ►Length of secondary roads for which condition data is annually collected and entered in RAMS with new equipment (Kilometers, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 2,250.00 | 4,287.00 | 2,800.00 | 4,000.00 |
| Date | 01-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |
| Comments: | Length (km) of secondary roads for which condition data is annually collected with new equipment on secondary roads and entered in RAMS | | | |
| ►Number of traffic points for which traffic data is annually collected with new equipment on secondary roads and entered in RAMS (Number, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | 62.00 | 199.00 | 66.00 | 100.00 |
| Date | 01-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |
| Comments: | Number of traffic points for which traffic data is annually collected on secondary roads and entered in RAMS | | | |
| ►iRAP/GeoRAP done on international and secondary roads networks in the project regions (Yes/No, Custom, DLI) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | No | No | No | Yes |
| Date | 01-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |



| | | | | |
|--|---|-------------------|------------------|-------------|
| Comments: | Implementation of this activity will start after the completion of the first pilot iRAP study in Guria region under SLRP-III. Negotiations with iRAP will resume as soon as additional staff to be trained in the use of the iRAP methodology is recruited. | | | |
| ►iRAP Star rating on the project roads in Guria (Yes/No, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | No | No | No | Yes |
| Date | 01-Dec-2015 | 30-Jan-2018 | 15-Mar-2018 | 31-Dec-2021 |
| Comments: | A better value than the original Star Rating | | | |
| ►Road safety campaign carried out in Guria (Yes/No, Custom) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | No | No | No | Yes |
| Date | 01-Dec-2015 | 13-Aug-2018 | 15-Mar-2019 | 31-Dec-2021 |
| Comments: | Road safety campaign carried out in Guria | | | |
| ►Introduction of climate resilience practices in RD's road asset management (Yes/No, Custom, DLI) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | End Target |
| Value | No | No | No | Yes |
| Date | 01-Dec-2015 | 13-Aug-2018 | 13-Aug-2018 | 31-Dec-2021 |
| Comments: | RD has already awarded the contract for the design of climate resilience improvement measures for Racha's road network in February and the consultant has commenced work on the 12th March 2019. | | | |

Disbursement Linked Indicators

| | | | | |
|---|---|-------------------|------------------|-------------------------------|
| ►DLI 1 Roads rehabilitated, Rural (Kilometers, Output, 17,960,000.00, 1.75%) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | January 1 - December 31, 2021 |
| Value | 0.00 | 0.00 | 33.40 | -- |
| Date | -- | 13-Aug-2018 | 15-Mar-2019 | -- |
| Comments: | Preparation of OPRC is still ongoing Target for the last year - Consultant for preparation of detailed design and bidding documents for rehabilitation and maintenance of project roads under OPRC and provision of supervision/monitoring services selected - was met. | | | |
| ►DLI 2 Routine maintenance targets achieved under OPRC (Percentage, Output, 1,992,000.00, 0.00%) | | | | |



| | Baseline | Actual (Previous) | Actual (Current) | January 1 - December 31, 2021 |
|--|---------------|-------------------|------------------|-------------------------------|
| Value | 0.00 | 0.00 | 0.00 | 80.00 |
| Date | -- | 13-Aug-2018 | 15-Mar-2019 | -- |
| ►DLI 3 Targets of the Design-build Sub-program achieved (Kilometers, Output, 17,960,000.00, 8.00%) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | January 1 - December 31, 2021 |
| Value | 0.00 | 0.00 | 0.00 | 0.00 |
| Date | -- | 13-Aug-2018 | 15-Mar-2019 | -- |
| Comments: | works ongoing | | | |
| ►DLI 4 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, Output, 399,000.00, 15.88%) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | January 1 - December 31, 2021 |
| Value | No | Yes | Yes | -- |
| Date | -- | 13-Aug-2018 | 15-Mar-2019 | -- |
| ►DLI 5 iRAP/GeoRAP done on international and secondary roads networks in the project regions (Yes/No, Output, 399,000.00, 0.00%) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | January 1 - December 31, 2021 |
| Value | No | No | No | -- |
| Date | -- | 13-Aug-2018 | 15-Mar-2019 | -- |
| ►DLI 6 Introduction of climate resilience practices in RD's road asset management (Yes/No, Intermediate Outcome, 1,190,000.00, 0.00%) | | | | |
| | Baseline | Actual (Previous) | Actual (Current) | January 1 - December 31, 2021 |
| Value | No | No | No | Yes |
| Date | -- | 13-Aug-2018 | 15-Mar-2019 | -- |

Data on Financial Performance



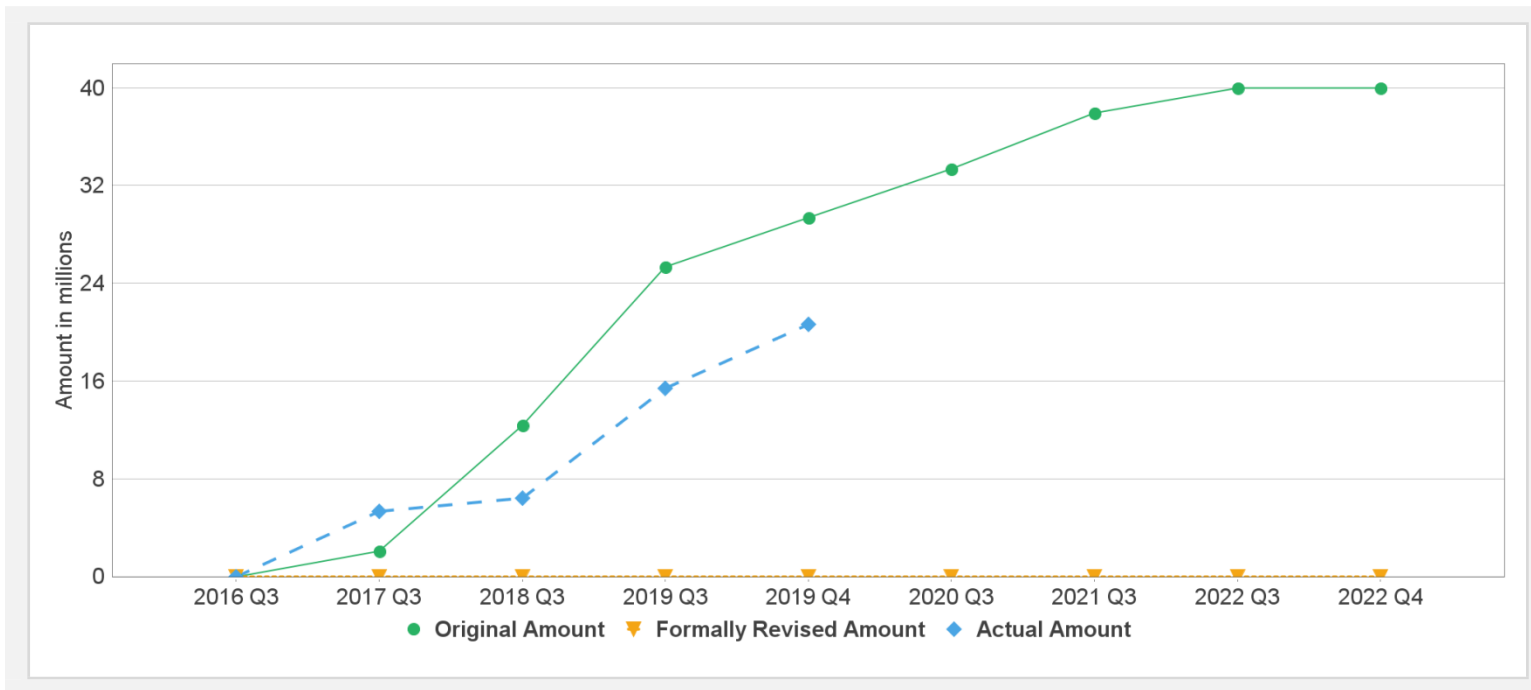
Disbursements (by loan)

| Project | Loan/Credit/TF | Status | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | % Disbursed |
|---------|----------------|-----------|----------|----------|---------|-----------|-----------|-------------|-------------|
| P149953 | IBRD-85990 | Effective | USD | 40.00 | 40.00 | 0.00 | 20.74 | 19.26 | 52% |

Key Dates (by loan)

| Project | Loan/Credit/TF | Status | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---------|----------------|-----------|---------------|--------------|--------------------|--------------------|-------------------|
| P149953 | IBRD-85990 | Effective | 18-Mar-2016 | 28-Mar-2016 | 06-Jul-2016 | 31-Dec-2021 | 31-Dec-2021 |

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.