



Yunnan Highway Asset Management Project (P132621)

EAST ASIA AND PACIFIC | China | Transport Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 1 | ARCHIVED on 23-Jun-2015 | ISR19945 |

Implementing Agencies: Yunnan Highway Bureau

Key Dates

Key Project Dates

Board Approval date:31-Mar-2015

Effectiveness Date:--

Planned Mid Term Review Date:31-Mar-2018

Actual Mid-Term Review Date:--

Original Closing Date:31-Dec-2020

Revised Closing Date:31-Dec-2020

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to improve the efficiency and cost-effectiveness of highway asset management in Yunnan.

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

No

Components

Name

Highway Asset Management Improvement:(Cost \$58.28 M)

Maintenance and Emergency Response Capacities Enhancement:(Cost \$161.69 M)

Pilot of Cost-Effective Maintenance Technologies:(Cost \$25.83 M)

Strengthening Institutional Capacities:(Cost \$8.13 M)

Overall Ratings

| Name | Previous Rating | Current Rating |
|--------------------------------------|-----------------|----------------|
| Progress towards achievement of PDO | -- | ● Satisfactory |
| Overall Implementation Progress (IP) | -- | ● Satisfactory |
| Overall Risk Rating | -- | ● Substantial |



Implementation Status and Key Decisions

The Project was approved by the Board on March 31, 2015. The Loan Agreement and the Project Agreement were signed on June 10, 2015. The loan is expected to be effective before September 8, 2015.



Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators

► Percentage of highways in good/fair condition (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | -- | -- | -- | -- |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

▴ National Highways (Percentage, Custom Breakdown)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|----------|-------------------|------------------|------------|
| Value | 50.20 | -- | 50.20 | 60.00 |



| | | | | |
|------|-------------|----|-------------|-------------|
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |
|------|-------------|----|-------------|-------------|

► Provincial highways (Percentage, Custom Breakdown)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 50.00 | -- | 50.00 | 60.00 |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

► Percentage of periodical and rehabilitation maintenance funds allocated based on the recommendations of the asset management system. (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00 | -- | 0.00 | 75.00 |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

► Length of network per routine maintenance staff member (Km/staff) (Text, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 3.7 | -- | 3.7 | 4.8 |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

Overall Comments

Intermediate Results Indicators



► Establishment of an integrated highway asset management information system (Yes/No) (Text, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | No | -- | No | Yes |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

► Annual maintenance funds (RMB/km) (Text, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 38,800 | -- | 38,800 | 48,500 |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

► Percentage of paved road network surveyed (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | -- | -- | -- | -- |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

▲ Road (Percentage, Custom Breakdown)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 60.00 | -- | 60.00 | 80.00 |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |



▲ Bridge (Percentage, Custom Breakdown)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 60.00 | -- | 60.00 | 80.00 |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

▶ Percentage of Maintenance Stations and Emergency Response Centers Enhanced (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | -- | -- | -- | -- |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

▲ Stations (408 in total) (Percentage, Custom Breakdown)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 45.00 | -- | 45.00 | 100.00 |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

▲ Centers at prefecture level (16 in total) (Percentage, Custom Breakdown)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 6.00 | -- | 6.00 | 100.00 |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |



▾ Centers at county level (126 in total) (Percentage, Custom Breakdown)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 50.00 | -- | 50.00 | 100.00 |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

► Time to respond to emergency events (Text, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 4 hours | -- | 4 hours | 3 hr |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

► Number of innovative technology contracts piloted (Text, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0 | -- | 0 | 4 |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

► Percentage of technical assistances completed and adopted (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00 | -- | 0.00 | 100.00 |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |



► Staff trained and Satisfactory rated training programs (Text, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0 | -- | 0 | 4,977 (80%) |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

▲ of which, female staff trained (Text, Custom Supplement)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0 | -- | 0 | 1,692 (80%) |
| Date | 31-Dec-2013 | -- | 19-Jun-2015 | 31-Dec-2020 |

Overall Comments

The project implementation just started and the monitoring results will be updated annully.

Data on Financial Performance

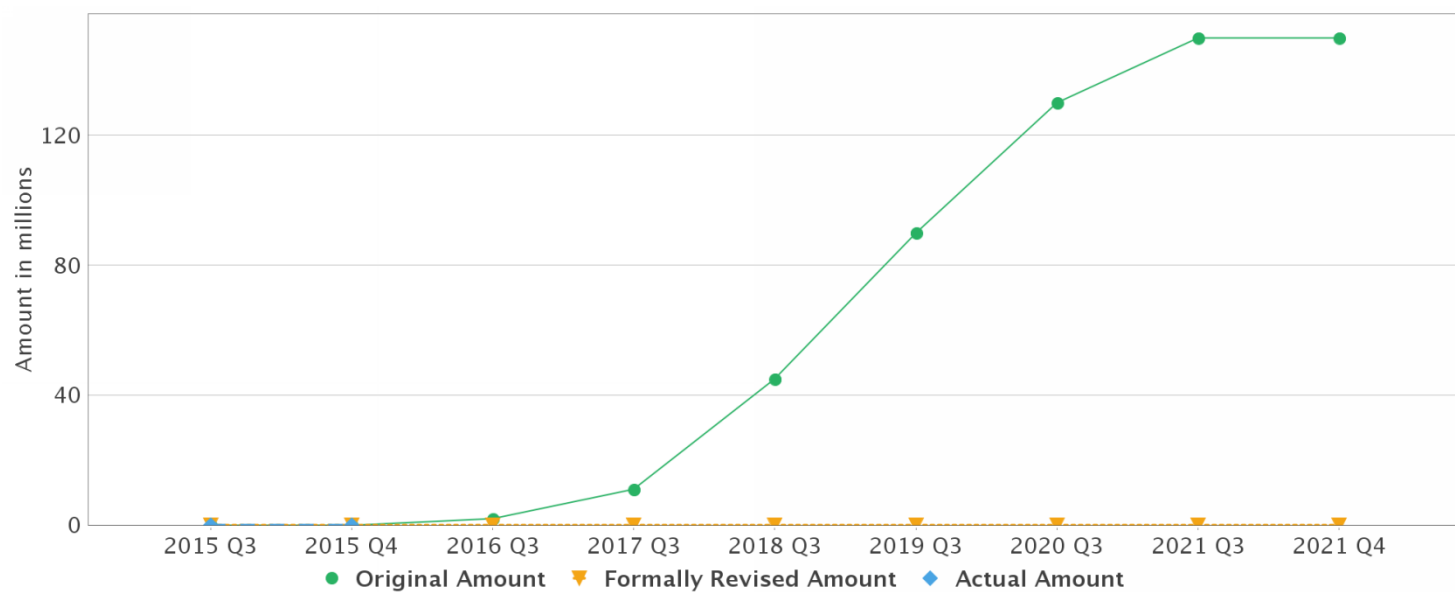
Disbursements (by loan)

| Project | Loan/Credit/TF | Status | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | Disbursed |
|---------|----------------|---------------|----------|----------|---------|-----------|-----------|-------------|-----------|
| P132621 | IBRD-84850 | Not Effective | USD | 150.00 | 150.00 | 0.00 | 0.00 | 150.00 | 0% |

Key Dates (by loan)

| Project | Loan/Credit/TF | Status | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---------|----------------|---------------|---------------|--------------|--------------------|--------------------|-------------------|
| P132621 | IBRD-84850 | Not Effective | 31-Mar-2015 | -- | -- | 31-Dec-2020 | 31-Dec-2020 |

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.