



## Himachal Pradesh State Roads Transformation Project (P163328)

SOUTH ASIA | India | Transport Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2020 | Seq No: 5 | ARCHIVED on 20-Oct-2022 | ISR52723 |

Implementing Agencies: Himachal Pradesh Road & Other Infrastructure Development Corporation, India

**Key Dates****Key Project Dates**

Bank Approval Date: 27-Mar-2020

Effectiveness Date: 05-Oct-2020

Planned Mid Term Review Date: 20-Feb-2023

Actual Mid-Term Review Date:

Original Closing Date: 30-Jun-2026

Revised Closing Date: 30-Jun-2026

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The proposed PDO is to enhance the efficiency of the transportation and road safety institutions and improve selected roads in Himachal Pradesh.

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

No

**Components Table**

Name

Building HP's Transport Institutions and Resilience:(Cost \$42.00 M)

Improving select roads stimulating HP's horticultural and overall economic growth:(Cost \$50.00 M)

Enhancing Road Safety:(Cost \$20.00 M)

**Overall Ratings**

| Name                                 | Previous Rating                                    | Current Rating                                     |
|--------------------------------------|--|--|
| Progress towards achievement of PDO  | <input type="checkbox"/> Moderately Unsatisfactory | <input type="checkbox"/> Moderately Unsatisfactory |
| Overall Implementation Progress (IP) | <input type="checkbox"/> Moderately Unsatisfactory | <input type="checkbox"/> Moderately Unsatisfactory |
| Overall Risk Rating                  | <input type="checkbox"/> Substantial               | <input type="checkbox"/> Substantial               |

**Implementation Status and Key Decisions**

The component-wise progress until January 31, 2022, is given below:

**Component 1: Building HP's Transport Institutions and Resilience:** The institutional reorganization has been approved by the State Cabinet in January 2022. Implementation of reforms to follow shortly including assignment of the core management staff of the four reorganized entities –HP Public Works Department (HPPWD) direct labor wing, HP Road and other Infrastructure Development Corporation Ltd. (HPRIDCL), Directorate of Transport & HP Motor Vehicle Administration (HPMVA). Several priority studies have been awarded and the remaining are in preparatory/ procurement phase.

**Component 2: Improving select roads stimulating HP's horticultural and overall economic growth:** Under Phase I three civil works contracts totaling 49.37 km is underway (Package 1. Badi Sai Ramshahar road (Lot 1) from Km 11/600 to Km 26/400, Package 2. Badi Sai Ramshahar road (Lot 2) from Km 26/400 to Km 44/700, Package 3. Dadhol - Ladrou road from km 0/00 to km 13/500). After a delayed start mainly due to the pandemic restrictions works progress is picking up with overall progress being at 40-45 percent. Under Phase II, out of three contracts, one contract totaling 2.7 km is underway (Package 4. Raghunathpura-Mandi-Harpura-Bharari from km 0.000 to km 2.700) and remaining two contracts totaling



27.854 km are awarded and works expected to commence in September 2022 (Package 5. Mandi- Rewalsar-Kalkhar road (Lot1) from Km 0.000 to Km 12.000 (12 km), Package 6. Mandi- Rewalsar-Kalkhar road (Lot2) from Km 12.000 to Km 29.000 (16.7 km). Preparation for maintenance contracts is underway.

**Component 3: Enhancing Road Safety:** The Road Safety advisory consultant has completed the survey of the three pilot districts and one highway with high traffic accident record. The needs assessment for surveillance equipment and emergency response equipment. has been completed. Road Safety Action Plan is under preparation. The implementation of the action plan on the pilot districts and demonstration corridor will help reduce road accident fatalities.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

| Building HP's Transport Institutions & Resilience                         |  |                   |                  |             |
|---|--|-------------------|------------------|-------------|
| ► Improved efficiency of transport institutions (Percentage, Custom, PBC) |  |                   |                  |             |
|   | Baseline   | Actual (Previous) | Actual (Current) | End Target  |
| Value   | 50.00  | 50.00             | 50.00            | 15.00       |
| Date  | 31-Mar-2020  | 31-Jan-2022       | 30-Jul-2022      | 30-Jun-2026 |
| Comments:   | Improved efficiency of HPRIDC (measured based on the implementation of the core consultancy services and works contract at the planned cost, time and quality, and reduction in motor vehicle administration services delivery time). Currently contract completion cost overrun is about 50 percent. This will be |                   |                  |             |



|   |  |                    |                    |                    |
|---|--|--------------------|--------------------|--------------------|
| reduced to a maximum of 15 percent cost overrun. Motor vehicle administration services delivery time will be reduced by 20 percent. |  |                    |                    |                    |
| ► Reduction in maintenance unit cost (Text, Custom, PBC)  |  |                    |                    |                    |
|   | Baseline   | Actual (Previous)  | Actual (Current)   | End Target         |
| Value   | US\$22,000/km/year   | US\$22,000/km/year | US\$22,000/km/year | US\$10,000/km/year |
| Date  | 31-Mar-2020  | 31-Jan-2022        | 30-Jul-2022        | 30-Jun-2026        |
| Comments:   | The maintenance expenditure for direct labor maintenance is higher by about 264 percent compared to performance based maintenance contracts carried out by private contractors. This expected to reduce to the market price (100 percent, i.e. equivalent to the market price) for maintenance contracts carried out by private contractors for works carried out by pilot service level agreement/internal performance-agreement by the direct level. |                    |                    |                    |

|   |   |                   |                  |             |
|---|---|-------------------|------------------|-------------|
| Improve Selected Roads to stimulate horticultural and overall economic growth of HP |   |                   |                  |             |
| ► Reduction in transport cost (Percentage, Custom, PBC)                             |   |                   |                  |             |
|   | Baseline  | Actual (Previous) | Actual (Current) | End Target  |
| Value   | 100.00  | 100.00            | 100.00           | 75.00       |
| Date  | 29-Mar-2019   | 31-Jan-2022       | 30-Jul-2022      | 30-Dec-2022 |
| Comments:   | Reduction in transport cost for transporting products from production clusters to SME/wholesale markets along the project roads. Transportation cost along the project roads is expected to reduce by 25 percent (from 100 percent to 75 percent) |                   |                  |             |

|   |   |                                     |                                     |                                     |
|---|---|-------------------------------------|-------------------------------------|-------------------------------------|
| Enhancing Road Safety                                     |   |                                     |                                     |                                     |
| ► Reduction in road accident fatality (Text, Custom, PBC) |   |                                     |                                     |                                     |
|   | Baseline  | Actual (Previous)                   | Actual (Current)                    | End Target                          |
| Value   | 18.17 people per 100,000 population                                       | 18.17 people per 100,000 population | 18.17 people per 100,000 population | 11.53 people per 100,000 population |
| Date  | 31-Oct-2019   | 31-Jan-2022                         | 30-Jul-2022                         | 30-Jun-2026                         |
| Comments:   | Fatality rate reduction to the national average level in pilot districts. |                                     |                                     |                                     |

### Intermediate Results Indicators by Components

|   |  |  |  |  |
|---|--|--|--|--|
| Building HP's Transport Institutions & Resilience   |  |  |  |  |
| ► HPRIDC, Direct Labor Wing of HPPWD, HPMVA and Directorate of Transportation of HPDOT reorganized and operational (Yes/No, Custom) |  |  |  |  |



|   | Baseline  | Actual (Previous) | Actual (Current) | End Target  |
|---|---|-------------------|------------------|-------------|
| Value   | No  | No                | No               | Yes         |
| Date  | 31-Mar-2020   | 31-Jan-2022       | 30-Jul-2022      | 30-Jun-2026 |
| Comments:   | Conduct a study to reorganize HPPWD's asset management (HPMVA and direct labor operation, as well as HP Department of Transport (HPDOT's) motor vehicle administration services and Directorate of Transportation. Issue reestablishment act and cabinet order. Operationalize by allocating adequate budget, engage technical/operational staff and process reengineering. |                   |                  |             |
| <b>► Pilot service level/performance agreement for direct labor operation implemented (Yes/No, Custom)</b>  |   |                   |                  |             |
|   | Baseline  | Actual (Previous) | Actual (Current) | End Target  |
| Value   | No  | No                | No               | Yes         |
| Date  | 31-Mar-2020   | 31-Jan-2022       | 30-Jul-2022      | 30-Jun-2026 |
| Comments:   | Preparation of pilot direct labor internal performance-based maintenance; benchmark performance-based maintenance; and women self-help group bio-engineering solutions preservation bidding and contracts documentation.  |                   |                  |             |
| <b>► Percentage of maintenance contracts awarded to women (Percentage, Custom)</b>  |   |                   |                  |             |
|   | Baseline  | Actual (Previous) | Actual (Current) | End Target  |
| Value   | 0.00  | 0.00              | 0.00             | 30.00       |
| Date  | 31-Mar-2020   | 31-Jan-2022       | 30-Jul-2022      | 30-Jun-2026 |
| Comments:   | Engage women's SHG to carry out bio-engineering solutions preservation and post construction non-mechanized maintenance at least on the project roads. .  |                   |                  |             |
| <b>► Maintenance of State Core Road Network carried out under private contractor performance based maintenance contracting (Kilometers, Custom)</b> |   |                   |                  |             |
|   | Baseline  | Actual (Previous) | Actual (Current) | End Target  |
| Value   | 0.00  | 0.00              | 0.00             | 1,000.00    |
| Date  | 20-Mar-2020   | 31-Jan-2022       | 30-Jul-2022      | 30-Jun-2026 |
| Comments:   | Maintenance contracted out to private contractors.  |                   |                  |             |
| <b>► Increase the number of women assigned as operational staff by HP Motor Vehicle Administration (Percentage, Custom)</b>                         |   |                   |                  |             |
|   | Baseline  | Actual (Previous) | Actual (Current) | End Target  |
| Value   | 0.00  | 0.00              | 0.00             | 50.00       |
| Date  | 20-Mar-2020   | 31-Jan-2022       | 30-Jul-2022      | 30-Jun-2026 |
| Comments:   | Increase the number of women operational/technical staff in HPMVA and HPRIDC by about 50 percent.   |                   |                  |             |



| ► Road users satisfied with improved road conditions on a scale of "1 - 5" (Number, Custom) |   |                   |                  |             |
|---|---|-------------------|------------------|-------------|
|   | Baseline  | Actual (Previous) | Actual (Current) | End Target  |
| Value   | 0.00  | 0.00              | 0.00             | 5.00        |
| Date  | 01-Jan-2020   | 31-Jan-2022       | 30-Jul-2022      | 15-Dec-2023 |
| Comments:   | Road users satisfied with improved road conditions. |                   |                  |             |

| Improving Selected Roads stimulating HP's horticulture and overall economic growth |  |                   |                  |             |
|--|--|-------------------|------------------|-------------|
| ► Roads constructed (Kilometers, Corporate)  |  |                   |                  |             |
|  | Baseline                                 | Actual (Previous) | Actual (Current) | End Target  |
| Value  | 0.00                                     | 0.00              | 0.00             | 80.00       |
| Date   | 31-Mar-2020                              | 31-Jan-2022       | 30-Jul-2022      | 30-Jun-2026 |
| Comments:  | Contracts for approx. 50 KM in progress. |                   |                  |             |
| □ Roads constructed - rural (Kilometers, Corporate Supplement)                     |  |                   |                  |             |
|  | Baseline                                 | Actual (Previous) | Actual (Current) | End Target  |
| Value  | 0.00                                     | 0.00              | 0.00             | 0.00        |
| □ Roads constructed - non-rural (Kilometers, Corporate Supplement)                 |  |                   |                  |             |
|  | Baseline                                 | Actual (Previous) | Actual (Current) | End Target  |
| Value  | 0.00                                     | 0.00              | 0.00             | 80.00       |

| Enhancing Road Safety  |  |                   |                  |             |
|--|--|-------------------|------------------|-------------|
| ► Patrol and emergency response equipment commissioned in the pilot districts and the pilot safe corridor (Yes/No, Custom) |  |                   |                  |             |
|  | Baseline   | Actual (Previous) | Actual (Current) | End Target  |
| Value  | No   | No                | No               | Yes         |
| Date   | 20-Mar-2020  | 31-Jan-2022       | 30-Jul-2022      | 30-Jun-2026 |
| Comments:  | Patrol and emergency response equipment commissioned in the pilot districts and the pilot safe corridor. |                   |                  |             |
| ► Police and community volunteers trained (Yes/No, Custom)   |  |                   |                  |             |
|  | Baseline   | Actual (Previous) | Actual (Current) | End Target  |



|           |   |             |             |             |
|-----------|---|-------------|-------------|-------------|
| Value     | No  | No          | No          | Yes         |
| Date      | 20-Mar-2020   | 31-Jan-2022 | 30-Jul-2022 | 30-Jun-2026 |
| Comments: | Police assigned for patrol and emergency response in the pilot districts and corridor, as well as community volunteers trained. |             |             |             |

**Performance-Based Conditions**

|   |          |                   |                  |      |
|---|----------|-------------------|------------------|------|
| <b>► PBC 1 Improved efficiency of transport institutions (Percentage, Output, 5,000,000.00, 18.52%)</b> |          |                   |                  |      |
|   | Baseline | Actual (Previous) | Actual (Current) | 2026 |
| Value   | 50.00    | 50.00             | 50.00            | --   |
| Date  | --       | 31-Jan-2022       | 30-Jul-2022      | --   |

|   |          |                   |                  |      |
|---|----------|-------------------|------------------|------|
| <b>► PBC 2 Improved efficiency of transport institutions (Percentage, Output, 2,000,000.00, 7.4%)</b> |          |                   |                  |      |
|   | Baseline | Actual (Previous) | Actual (Current) | 2026 |
| Value   | 50.00    | 50.00             | 50.00            | --   |
| Date  | --       | 31-Jan-2022       | 30-Jul-2022      | --   |

|   |                    |                    |                    |      |
|---|--------------------|--------------------|--------------------|------|
| <b>► PBC 3 Reduction in maintenance unit cost (Text, Output, 1,500,000.00, 5.55%)</b> |                    |                    |                    |      |
|   | Baseline           | Actual (Previous)  | Actual (Current)   | 2026 |
| Value   | US\$22,000/km/year | US\$22,000/km/year | US\$22,000/km/year | --   |
| Date  | --                 | 31-Jan-2022        | 30-Jul-2022        | --   |

|  |          |                   |                  |      |
|--|----------|-------------------|------------------|------|
| <b>► PBC 4 Improved efficiency of transport institutions (Percentage, Output, 1,500,000.00, 5.55%)</b> |          |                   |                  |      |
|  | Baseline | Actual (Previous) | Actual (Current) | 2026 |



|       |       |             |             |    |
|-------|-------|-------------|-------------|----|
| Value | 50.00 | 50.00       | 50.00       | -- |
| Date  | --    | 31-Jan-2022 | 30-Jul-2022 | -- |

► PBC 5 Improved efficiency of transport institutions (Percentage, Outcome, 1,000,000.00, 3.7%)

|       | Baseline | Actual (Previous) | Actual (Current) | 2026 |
|-------|----------|-------------------|------------------|------|
| Value | 50.00    | 50.00             | 50.00            | --   |
| Date  | --       | 31-Jan-2022       | 30-Jul-2022      | --   |

► PBC 6 Improved efficiency of transport institutions (Percentage, Outcome, 5,000,000.00, 18.52%)

|       | Baseline | Actual (Previous) | Actual (Current) | 2026 |
|-------|----------|-------------------|------------------|------|
| Value | 50.00    | 50.00             | 50.00            | --   |
| Date  | --       | 31-Jan-2022       | 30-Jul-2022      | --   |

► PBC 7 Reduction in transport cost (Percentage, Output, 1,000,000.00, 3.7%)

|       | Baseline | Actual (Previous) | Actual (Current) | 2026 |
|-------|----------|-------------------|------------------|------|
| Value | 100.00   | 100.00            | 100.00           | --   |
| Date  | --       | 31-Jan-2022       | 30-Jul-2022      | --   |

► PBC 8 Reduction in road accident fatality (Text, Output, 10,000,000.00, 37%)

|       | Baseline                            | Actual (Previous)                   | Actual (Current)                    | 2026 |
|-------|-------------------------------------|-------------------------------------|-------------------------------------|------|
| Value | 18.17 people per 100,000 population | 18.17 people per 100,000 population | 18.17 people per 100,000 population | --   |
| Date  | --                                  | 31-Jan-2022                         | 30-Jul-2022                         | --   |

Data on Financial Performance



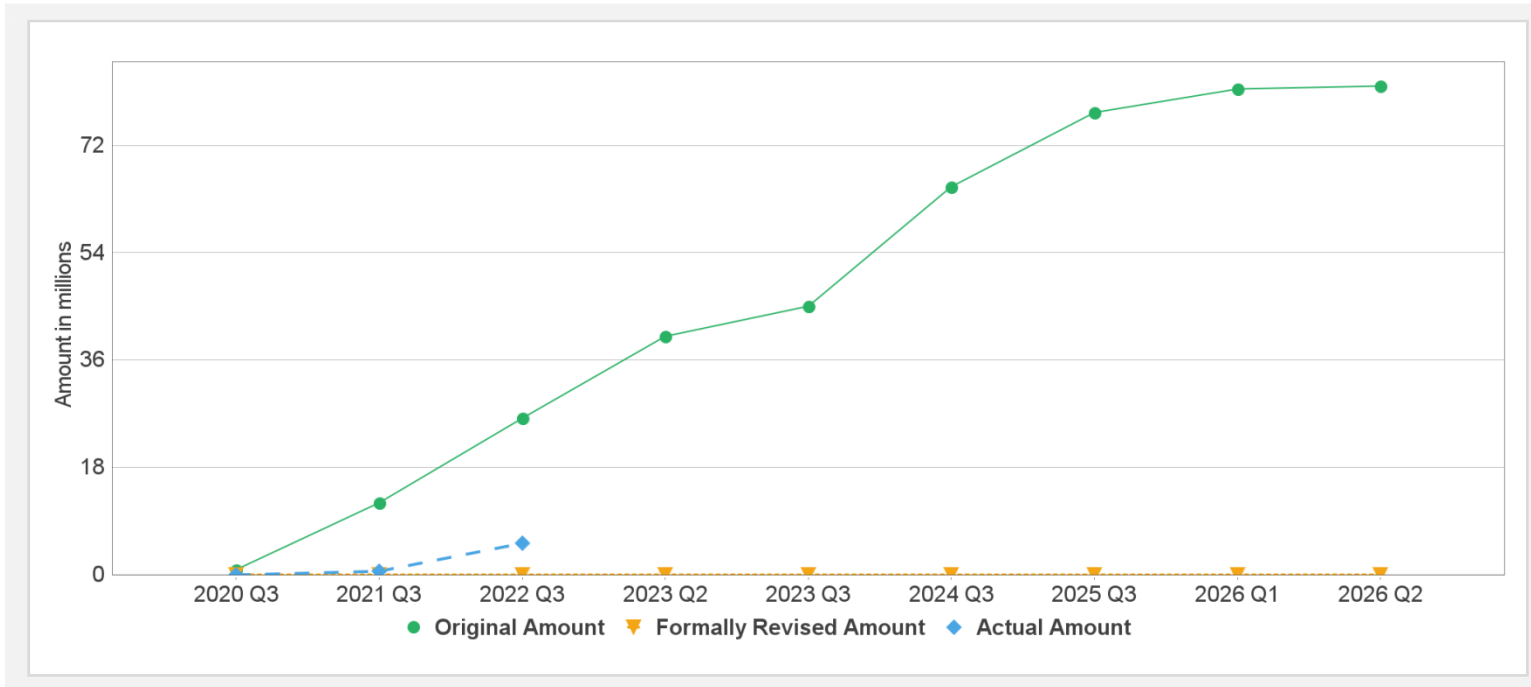
**Disbursements (by loan)**

| Project | Loan/Credit/TF | Status    | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | % Disbursed |
|---------|----------------|-----------|----------|----------|---------|-----------|-----------|-------------|-------------|
| P163328 | IBRD-90660     | Effective | USD      | 82.00    | 82.00   | 0.00      | 10.86     | 71.14       | 13%         |

**Key Dates (by loan)**

| Project | Loan/Credit/TF | Status    | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---------|----------------|-----------|---------------|--------------|--------------------|--------------------|-------------------|
| P163328 | IBRD-90660     | Effective | 27-Mar-2020   | 07-Sep-2020  | 05-Oct-2020        | 30-Jun-2026        | 30-Jun-2026       |

**Cumulative Disbursements**



**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**

There are no related projects.