

## QUARTERLY PROGRESS REPORT

*For Quarter ending March 2021*

### Safety Sign Boards Night Reflection at Bangra Bangri Village



## Project Management Consultant Report

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Glossary			
AADT	Average Annual Daily Traffic	M&E	Monitoring & Evaluation
ADGP	Additional Director General Police	MDR	Major District Roads
AMS	Asset Management System	MIS	Management Information System
CAAA	Controller of Aid, Accounts and Audit	MoRTH	Ministry of Road Transport & Highways
CAG	Comptroller and Auditor General	MSME	Micro Small & Medium Enterprise
CE	Chief Engineer	MTR	Mid-Term Review
CERC	Contingent Emergency Response Component	NCW	National Commission for Women
CPF	Country Partnership Framework	NGO	Non-Governmental Organization
CRN	Core Road Network	NH	National Highways
DDO	Drawing and Disbursement Officer	NIC	National Informatics Centre
DGS&D	Director General of Supplies and Disposal	NHAI	National Highways Authority of India
DPR	Detailed Project Report	NLTA	Non-Lending Technical Assistance
DSP	Deputy Superintendent Police	NPV	Net Present Value
DTI	Driver Training Institute	ODR	Other District Roads
EA	Environmental Assessment	OP	Operational Policy
EAP	Externally Aided Projects	OPRC	Output and Performance Based Road Contracts
EDFC	Eastern Dedicated Freight Corridor	ORAF	Operational Risk Assessment Framework
EE	Executive Engineer	PAD	Project Appraisal Document
EIA	Environmental Impact Assessment	PAP	Project Affected Person
EIRR	Economic Internal Rate of Return	PCI	Per Capita Income
EMP	Environmental Management Plan	PDO	Project Development Objective
EoP	End of Project	PGB	Project Governing Board
EPC	Engineering Procurement Construction	PIP	Project Implementation Plan
ESDRC	Environment, Social Development and Resettlement Cell	PIU	Project Implementation Unit
ESMF	Environment and Social Management Framework	PMC	Project Management Consultant
ESMP	Environment and Social Management Policy	PMGSY	Pradhan Mantri Grameen Sadak Yojana
SDO	Social Development Officer	PMIS	Project Management Information System
FM	Financial Management	PPP	Public-Private Partnership
GADF	Gender Assessment and Development Framework	PPSD	Project Procurement Strategy for Development
GDP	Gross Domestic Product	PRAMS	Procurement Risk Assessment and Management System
GeM	Government e-Marketplace	PWD	Public Works Department
GIS	Geographic Information System	QM	Quality Management
GoI	Government of India	RADMS	Road Accident Data Management System
GoUP	Government of Uttar Pradesh	RAMS	Road Asset Management System
GPS	Global Positioning System	RAP	Resettlement Action Plan
GRC	Grievance Redress Cell	R&R	Resettlement and Rehabilitation
GRM	Grievance Redress Mechanism	RFQ	Request for Quotations
GRS	Grievance Redress Service	RPF	Resettlement Policy Framework
GSDP	Gross Domestic Product	RSC	Road Safety Cell (at Transport Department)
GST	Goods & Services Tax	RSSAT	Road Safety Screening and Appraisal Tool

HC	Head Constable	RFCTLAR R Act,2013	Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013
HDM	Highway Development and Management Model	SAMI	Stress Absorbing Membrane Interface
HLRSC	High-Level Road Safety Committee	SE	Superintending Engineer
HQ	Headquarter	SH	State Highways
HR	Human Resource	SI	Sub-Inspector
IBRD	International Bank for Reconstruction and Development	SIA	Social Impact Assessment
ICB	International Competitive Bidding	SOP	Status of Project
ICC	Internal Complaints Committee	SP	Superintendent Police
ICR	Implementation Completion and Results report	SRSF	State Road Safety Fund
IDS	Institutional Development and Strengthening	STEP	Systematic Tracking of Exchanges in Procurement
IE	Independent Engineer	TPAC	Third Party Audit Consulting firm
IEC	Information, Education and Communications	TOR	Terms of Reference
IEG	Independent Evaluation Group	UNDB	United Nations Development Business
IFR	Interim Financial Report	UP	Uttar Pradesh
IGRM	Integrated Grievance Redress Mechanism	UPCRNDP	Uttar Pradesh Core Road Network Development Program
INR	Indian Rupee	UPHP	Uttar Pradesh Highway Police
IPF	Investment Project Financing	UPSRP	Uttar Pradesh State Roads Project
IPO	Independent Procurement Observer	UPSRTC	Uttar Pradesh State Transport Corporation
IPPF	Indigenous People Policy Framework	UPRSC	Uttar Pradesh Road Safety Council
IRAP	International Road Assessment Program	UPCDAS	Uttar Pradesh Crash Data Analysis System
ISDP	Institutional Development and Strengthening Plan	VR	Village Roads
ISP	Implementation Support Plan	WB	World Bank
IWT	Inland Water Transport	WHO	World Health Organization
LA	Land Acquisition		

## 1. Executive Summary

### 1.1. Introduction

The Government of Uttar Pradesh has obtained a loan from the World Bank through the Government of India to assist in the improvement of the Core Road Network (CRN) of the State. The WB loan agreement was signed on 10<sup>th</sup> October 2019 and the Project ID is P147864 while Loan/ Credit No. is 8940-IN. The effectiveness date of the Loan is 07<sup>th</sup> January 2020 and the expected closing date is 30<sup>th</sup> June 2025.

The Uttar Pradesh Core Road Network Development Project (UPCRNDP) has following four components:-

**A. Component 1: Network Improvement** (Total Cost: US\$476 million, including IBRD US\$350.2 million).

It includes the Upgrading/ Reconstruction/ Widening of about 500 Kms high priority SH corridors as well as Rehabilitation of selected roads from the Core Road Network (CRN).

**B. Component 2: Institutional Strengthening of PWD** (Total cost US\$3.00 million, including IBRD financing of US\$2.1 million).

This component is likely to include a program to strengthen PWD asset management of SHs, MDRs, and ODRs, Vulnerability assessment of roads from a climate change perspective, strengthen Quality management system and control, Gender assessment on roads to identify gender gaps, safety and scrutiny and capacity building of PWD staff.

**C. Component 3: Road Safety** (Total cost US\$90.00 million, including IBRD financing of US\$46.7 million).

A comprehensive and coordinated package of following road safety sub-components to be delivered by the Transport Department, Home Department and Public Works Department.

- a. **Subcomponent 3A:** Road Safety Initiative by Home/Police (Total cost US\$41.00 million).
- b. **Subcomponent 3B:** Road Safety Initiative by Transport Department (Total cost US\$14.00 million).
- c. **Subcomponent 3C:** Road Safety Initiative by PWD (Total cost US\$35.00 million).

**D. Component 4: Contingent Emergency Response Component (CERC)** (Total cost US\$0.00 million).

### 1.2. Project Cost

The total estimated project cost is US\$ 570 million out of which the GoUP share is US\$ 170 million and the IBRD/WB share is US\$ 400 million.

### 1.3. Project Implementation Status

#### 1.3.1. Component 1 – Network Improvement

**(i) Phase-I Roads :**

Five roads selected were, viz., SH-42, SH-93, SH-9, SH-29 and SH-51 of total length 419 km. Cost of Civil Works sanctioned was INR 30,000 million (USD 400 million). State highway SH-42 was split into three contract packages for ease of execution and supervision; of which two, viz., UPG-01 & UPG-02, are under execution and the DPR of Missing link road section in-between these two packages (costing about INR 1593.00 million) has been submitted.

Two Core Road Network roads have been upgraded to NH Roads viz., SH-9 (Utraula-Faizabad Road) and SH-29 (Lipulekh-Bhind Road), and hence have been dropped from the scope of the project.

*Roads Planned under Phase I:*

- Total Roads - 5 Nos (SH-42, SH-93, SH-9, SH-29 & SH-51)
- Total Project Length - 419 km
- Cost of Civil Works Sanctioned - INR 30000 million (USD 400 million)

*Roads Awarded under Phase I:*

- Total Roads - 3 Nos (SH-42, SH-93 & SH--51)
- Total Project Length - 258.59 km (62%)
- Cost of Civil Works Awarded - INR 11433 million (USD 152.44 million)

**(ii) Phase-I Present Status :**

About 196.65 km of Road length with Bituminous/ PQC layer has been completed. Total expenditure incurred so far is INR 9049.4 million (USD 126.92 million), which is approx 79.45 % of total anticipated expenditure.

Name of Road/ Work	Length (km)	Cost in Cr (INR)	Project Cost as per CA (Cr)	Maint Cost as per CA (Cr)	Certified Amount(Cr.)	Physical Progress	Financial Progress
Hamirpur-Rath (UPG-01)	72.785	262.40	262.40	9.84	260.48	99.30%	99.27%
Garautha-Chirgaon (UPG-02)	49.145	185.77	185.77	4.22	183.86	100.00%	98.97%
Gola-Shahjahanpur (UPG-03)	57.535	356.90	356.90	13.38	212.52	63.82%	59.55%
Badaun-Bilsa-Bijnaur (UPG-04)	79.125	334.08	334.08	12.53	248.08	75.03%	74.26%
<b>Total</b>	<b>258.59</b>	<b>1139.15</b>	<b>1139.15</b>	<b>39.97</b>	<b>904.94</b>	<b>84.54%</b>	<b>79.44%</b>

**Note:**

1. In UPG-02, maintenance cost of the project is fixed (4.22 Cr). In UPG-01,03 & 04, final maintenance cost will depend upon final construction cost.
2. In UPG-02, GST payable on project is INR 8.98 Cr on final construction cost (excl maintenance cost.)

**(iii) Phase-II Roads:**

U.P.Government has shortlisted five (5) CRN roads for implementation under Phase 2. These roads are considered important since they provide connectivity to the proposed Buddhist Circuit Road. The Detailed Project Report (DPR) submission plan by PMC has been prioritised as under:

**Priority 1:** DPR of two roads (SH-30 and SH-88) and of Missing link road section (costing about INR 1593 million and originally planned for construction under Phase I) between UPG-01 and UPG-02 of Phase-I road are submitted. Bid documents of these three roads also submitted.

**Priority 2:** DPR of balance three roads and preparation of Bid documents after these are approved.

**(iv) Phase 2 Roads Status**

The following roads have been included in Phase 2 of project as per details indicated in the Table below:

S. No.	Road	Proposed Length (km)	Est Cost (INR million)
<b>Priority 1</b>			
1	Bahraich - Gonda- Faizabad (SH-30)	59.237	3364
2	Bansi-Mehdawal-Khalilabad (SH-88)	28.870	1865
3	Rath Garautha - Missing Link (SH-42)	35.882	1593
		<b>123.989</b>	<b>6822</b>
<b>Priority 2</b>			
1	Moradabad-Haridwar-Dehradun (SH-49)	36.170	3145
2	Garh- Syana-Bulandshahar (SH-65)	49.674	4897
3	Hamidpur- Khuchwsar (SH-100)	19.109	1063
		<b>104.953</b>	<b>9105</b>

DPR of Missing Link, SH-42 (originally planned for construction under Phase I), all volumes except the bidding volume, was re-submitted on 04 Dec 2020 and DPRs for SH-30 and SH-88 were submitted on 20.11.2020 and 07.11.2020 respectively. However, various design revisions and compliances for SIA and EIA were submitted to the client as per World Bank Comments and bidding documents also submitted for all three roads.

DPRs of SH-49 and SH-65 have been submitted to the WB and DPR of SH-100 is in progress

#### 1.4. Project Achievements During Reported Quarter

##### 1.4.1. Component 1: Network Improvement

**Civil Works (Phase 1):** Physical and Financial Progress (percentage) achievement of awarded Civil Works packages in reported Quarter is as follows:

Name of Road/work	Physical Progress upto Qtr End		Financial Progress upto Qtr End	
	Planned	Actual	Forecast	Actual
Hamirpur-Rath Road (UPG-01)	94.12%	99.30%	94.12%	99.27%
Garautha-Chirgaon Road (UPG-02)	100.00%	100.00%	100.00%	98.97%
Gola-Shahjahanpur Road (UPG-03)	69.44%	63.82%	69.44%	59.55%
Badaun-Bilsi-Bijnour Road (UPG-04)	91.05%	75.03%	91.05%	74.26%
Cumulative Average Progress	<b>88.65%</b>	<b>84.54%</b>	<b>88.65%</b>	<b>79.44%</b>

#### 1.5. Targets for Next Quarter

S. No.	Package	Target Reported Quarter (Cr)	Achieved Reported Quarter (Cr)	Target Next Quarter- June 2021 (Cr)	Total Achieved up to Reported Quarter (Cr)	Remark
1	Hamirpur-Rath Road (UPG-01)	41.78	55.6	1.915	260.48	To complete project work by 23.6.2021 (Scheduled Completion)
2	Garautha-Chirgaon Road (UPG-02)	0	0	0	183.86	Project work Completed. Now under maintenance period
3	Gola-Shahjahanpur Road (UPG-03)	79.5	72.55	74.28	212.52	Progress of work lagging. Contractor submitted program upto 19-01-2022



4	Badaun-Bilsi-Bijnaour Road (UPG-04)	82.2	81.43	61.05	248.08	Work in Progress and will complete in scheduled time
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## 1.6. Social and Environmental Safeguards

### 1.6.1. R & R Disbursement Status (Squatters and Encroachers)

Package	Approved (INR)	Disbursed (INR)	Balance (INR)	Progress %
Hamirpur-Rath Road	20,398,948	20,006,619	392,329	98
Garautha-Chirgaon Road	17,766,443	16,121,741	1,644,702	90.74
Gola-Shahjahanpur Road	1,274,153	1,256,116	18,037	99
Badaun – Bilsi - Bijnaour Road	2,904,000	2,215,000	689,000	76
<b>Total</b>	<b>42,343,544</b>	<b>39,599,476</b>	<b>13,793,602</b>	<b>93.52%</b>

### 1.6.2. R & R Disbursement Status (Kiosks)

Package	Approved (INR)	Disbursed (INR)	Balance (INR)	Progress %
Hamirpur-Rath Road	920,000	825,000	95,000	90
Garautha-Chirgaon Road	185,000	175,000	10,000	95
Gola-Shahjahanpur Road	640,000	575,000	65,000	90
Badaun – Bilsi - Bijnaour Road	85,000	45,000	40,000	53
<b>Total</b>	<b>1,830,000</b>	<b>1,620,000</b>	<b>210,000</b>	<b>89%</b>

### 1.6.3. CPR Relocation Status

Package	CPRs to be Relocated	Relocation sites finalized	Relocated
Hamirpur-Rath Road	13	13	6
Garautha-Chirgaon Road	2	2	2
Gola-Shahjahanpur Road	17	17	4
Badaun – Bilsi - Bijnaour Road	11	11	0
<b>Total</b>	<b>43</b>	<b>43</b>	<b>12</b>

**1.6.4. Grievance Status**

Package	Grievances Received	Closed within deadline	Escalated	Under Hearing	Pending in Court
UPG- 1	11	11	0	0	0
UPG -2	9	9	0	0	0
UPG-3	6	6	0	0	0
UPG-4	6	6	0	0	0
Total	<b>32</b>	<b>32</b>	0	0	0

**1.7. World Bank's First Implementation Support Review: Progress on Agreed Actions**

S. No.	Agreed Actions	Responsibility	Due Date	Current Status
<b>Component 1 – Network Improvement</b>				
1	Resolve all encumbrances, including tree cutting, shifting of utilities (water lines, electric poles etc.)	PWD	Urgent	No encumbrance in any Contract package.
2	Establish process and timelines to efficiently address deficiencies and process/timelines in future road safety audits	PWD & PMC	Urgent	Complied
3	Phase 2 Roads – Discuss and resolve alignment options for all 5 roads	PWD & PMC	Immediate	All the issues are resolved.
4	Phase 2 Roads – Develop a realistic schedule for according alignment decisions, completion of feasibility studies, DPRs, and procurement process, including contract signing	PWD & PMC	Immediate	DPRs & realistic Schedule Plan Prepared; Contract Document & Procurement is under process.
5	Ensure that road safety considerations are fully incorporated into all elements of feasibility studies, DPRs, and construction	PMC & PWD	Immediate	Being complied
<b>Social Safeguard Management</b>				
17	Amendment of PMC contract to include NGOs pending RAP activities for Phase 1 roads	PWD & PMC	Immediate	Complied
18	Complete disbursement of R&R assistance for non-title holders	PMC/ PWD	Aug 20, 2020	Squatter & Encroacher: 64%, Kiosk: 89%
19	Complete relocation of Community Property Resources (CPR) of UPG 01, 02 and 03	PMC / PWD	Oct 31, 2020	UPG 2 Completed and rest under progress
20	Complete relocation of CPRs of UPG 04	PMC/PWD	Dec 31, 2020	In progress
21	GRC at district level to be made functional	PWD	Aug 5, 2020	Complied
22	Completion of land purchase in UPG 03 and 04	PWD	Oct 31, 2020	Under progress
<b>Environmental Safeguard Management</b>				
23	Ensure mobilization of required	Contractor, PMC,	Aug 31,	Complied

	environmental professional staff in each Phase 1 contract	PWD	2020	
24	Confirm disclosure of C-ESMP for 3 EPC contracts on UPPWD website	PWD	July 25, 2020	Complied
25	Ensure due consideration of Environmental aspects in Phase 2 Roads, including timely mobilization of Independent Environmental Review consultants	PWD, PMC	Continuous	On Going
26	Compile and share with the Bank status of environmental grievances – numbers received, processed/addressed, resolved, and pending	PMC/ PWD	July 31, 2020	Complied
27	Confirm the numbers for tree-cutting and coordinate with Forest Department on the same	PWD	Aug 31, 2020	Complied

### 1.8. World Bank's Second Implementation Support Review: Progress on Agreed Actions

S. No.	Agreed Actions	Responsibility	Due Date	Current Status
1	Convene a meeting of the Project Governing Board (PGB) and High Level Road Safety Committee (HLRSC) to resolve project bottleneck issues	PWD	Immediate	
<b>Component 1 – Network Improvement</b>				
2	Ensure all construction work zones fully comply with IRC and MoRTH approved guidelines and standards at all times	Contractors, heavily enforced by PMC and PWD	Immediate, ongoing	Being complied
3	Phase 1 Roads: Establish revised construction program reflecting schedule for completion	Civil contractors/ approved by PMC	Urgent	Construction Program received. Under scrutiny of PMC
4	Phase 2 Roads: Develop a realistic schedule for completion of DPRs, procurement process, and contract signing.	PMC	Immediate	Complied and being followed
5	Phase 2 Roads: Commence land acquisition, removal of encumbrances, so that 90% encumbrance free land is handed to contractors at contract signing.	PMS, PWD	by civil works contract signing.	Yet to commence
<b>Social Safeguard Management</b>				
16	Implement gender actions	Transport Department	Dec 2021	
17	Complete private land acquisition for Phase 1 Roads	PWD	April 30, 2021	Under progress
18	Complete relocation of CPRs	PWD/ Contractors	May 31, 2021	Under progress
19	Complete RAP implementation, including Income Restoration measures	PWD/ NGO	June 30, 2021	RAP under implementation. Income Restoration measures yet to start
20	Conduct awareness generation camps for labourers and other staff on SEA/SH	Contractor / NGO	April 30, 2021	Being Conducted
21	Orientation workshop for PWD and PMC staff on SEA/SH	Social Specialist of PMC and PWD	April 15, 2021	Being organised
<b>Environmental Safeguard Management</b>				

22	Share plan for plantation in rainy season	PWD/ Contractors	QPR ending March 31, 2021	In UPG-01, UPG-03- Plantation stretches are finalized to take-up in coming monsoon; UPG-04 partially sections are identified (Refer Annexure)
23	Confirm completion of follow-up actions for severe accident	PWD/ UPG-01 Contractor	March 31, 2021	Final Closure Report shared with PWD; However if any updated report received from Contractor will be further updated to Client.
24	Incorporate Bank comments on Phase 2 EIA, including inputs from Independent Environmental Review consultants	PWD/ PMC	before sharing for Bank Review	Being complied

## 2. Introduction

### 2.1. Project Background

Uttar Pradesh has a road network of 299,604 km, out of which 174,451 km is under Uttar Pradesh Public Works Department (PWD).

The roads under PWD comprise 7,550 km of National Highways (NHs), 7,530 km of State Highways (SHs), 5,761 km of Major District Roads (MDRs), 3,254 km of Other District Roads (ODRs) and 138,702 km of Village Roads (VRs). Only about 60% of SHs are two-lane (7 m). In the entire state 62% of MDRs and 83% of ODRs have widths less than 7 m with a view to improve the transport network system, UP PWD has identified 24,095 km of Core Road Network (CRN) for the development. The Core road development works will consist of raising the formation level, widening to a full two lanes from the existing single and intermediate lane widths, and/or pavement rehabilitation/ strengthening. Road sections with high volumes of non-motorized traffic will be widened to 10m with 1.5m full paved shoulders.

### 2.2. Project Datasheet

The Project data is as given in table below:-

Project Data (UPCRNDP) - Uttar Pradesh Core Road Network Development Project				
Project No.	P147864	World Bank Funded	Credit No.	Loan.-8940-IN
Responsible Agency :- Public Works Department Government of Uttar Pradesh				
Contact	Mr. P.K. Saxena	Title	Chief Engineer (EAP),UPPWD	
Contact No.	+91-9451089512 +91-7017635666 +91-522-2236496 +91-522-2236435	E-Mail	<a href="mailto:ceeapuppwd@gmail.com">ceeapuppwd@gmail.com</a> <a href="mailto:ceeapcampuppwd@gmail.com">ceeapcampuppwd@gmail.com</a> ,	
Key Project Dates				
Project Agreement Signing Date		10/10/2019		
Start Date		10/10/2019	Expected End Date	30/06/2025
Effectiveness Date		07/01/2020	Expected Closing Date	30/06/2025
Project Development Objectives				
a. Network Improvement b. Institutional strengthening of PWD c. Road Safety d. Project Cost and funding.				
TOTAL PROJECT COST		570 (US\$ Million)		

### 2.3. Project Components

The project comprises four components which, in addition to PWD, will be implemented by the Police and Transport Departments. The details of components which pertain to Component 1 & 2 along with current status are given below.

S. No.	Project Components (As in PAD)	Status till end of Qtr
<b>Component 1: Network Improvement</b>		
1	Pavement strengthening, upgrading (widening and strengthening), and maintenance of about 500 kms high priority SH corridors, as a part of the defined Core Road Network (CRN).	<p><b>Phase 1 Roads:</b>  Hamirpur-Rath Road (SH-42) – 72.785 km (under progress)  Garautha-Chirgaon Road (SH-42) – 49.145 km – (Completed, O&amp;M period started)  Gola-Shahjahanpur Road (SH-93) – 57.535 km (under progress)  Badaun-Bilsa-Bijnaur Road (SH-51) – 79.125 km (under progress)  Missing link (Rath-Garautha) (SH -42) - 35.882 km</p> <p><b>Phase 2 Roads:</b>  Currently there are 5 roads under finalization as below;  Moradabad-Haridwar-Dehradun (SH-49) - 36.170 km  Garh-Syana-Bulandshahar (SH-65) - 49.674 km  Bahraich-Gonda-Faizabad (SH-30) - 59.237 km  Hamidpur-Kuchesar (SH-100) - 19.109 km  Bansi-Mehdawal-Khalilabad (SH-88) - 28.870 km</p>
2	Independent quality audit	Independent quality audit shall be carried out after appointment of auditor.
3	Road Safety Audit	Under Progress
4	Implementation of an IT-Based Project Management Information System (PMIS)	IT-Based Project Management Information System (PMIS) has been implemented
5	The project will strive to increase employment opportunities for women.	There is contract provision to hire females (at least 30 percent) for the routine maintenance works in each EPC contract.
<b>Component 2: Institutional Strengthening of PWD</b>		
6	Asset Management.	RAMS is operational and used for annual maintenance planning and budgeting.
7	Vulnerability Assessment	ToR under preparation by World Bank
8	Quality Management (QM)	QMS draft manual prepared.
9	Gender Assessment	GAC on selected roads has been completed by M/s ECORYS India Pvt. Ltd and report received by PMC for incorporating the recommendation in Phase I and II roads design
10	Capacity building of PWD staff	Under Process

## 2.4. Project Development Objectives

The status of Project Development Indicators pertaining to component 1 is given as under. The Intermediate Project Indicators and their status given in the succeeding paragraph.

S. No.	Project Development Objective Indicators		Baseline Status	Current Status	Target
1	Reduction of average travel time for cars on civil works corridors	Status	SH42 -133 SH42 - 68 SH51-116 SH93 - 94	SH42 -133 SH42 - 48.78 SH51-116 SH93 - 94	SH42 - 59 SH42 - 39 SH51-66 SH93-47
		Date	November 6, 2018	March 31, 2021	June 30, 2025
		Remarks	Time given in mins	Time given in mins	Time given in mins
2	Improved Road Users	Status	NA	Procurement of	To be decided

	Perception (RUSS) Index on civil works corridors			consultant underway	
		Date	March 20, 2019	March 31, 2021	June 30, 2025
		Remarks			

## 2.5. Intermediate Result Indicators

	Intermediate Results Indicators by Component		Baseline Status	Current Status	Target
	<b>Network Improvement</b>				
1	Roads rehabilitated, Non-rural (Kilometers)	Status	0	49.145	500
		Date	November 13, 2018	March 31, 2021	June 30, 2025
		Remarks			
2	Satisfactory post-construction road safety audit	Status	No	Partially	Yes
		Date	November 13, 2018	March 31, 2021	June 30, 2025
		Remarks		For length 49.145 km	
3	Women employed for routine maintenance under EPC contracts	Status	0	0	30 percent
		Date	November 13, 2018	March 31, 2021	June 30, 2025
		Remarks			
4	Assessment of gender actions conducted	Status	No	Yes	Yes
		Date	November 13, 2018	March 31, 2021	June 30, 2022
		Remarks			

### 3. Procurement Status

#### 3.1. Procurement for Phase II Roads

S. No.	Description	Method of Selection	Present Status	Name Of Consultant / Firm
1	Upgradation & Maintenance of Rath-Garautha Section of SH-42(Missing Link)(under Phase-I)	<b>National Competitive Bidding (NCB)</b>	NOC received on DPR from the World Bank. Submitted to administration.	<b>M/s EGIS India Consulting Engineers Pvt. Ltd. preparing DPR</b>
2	Engineering Procurement and Construction Contract [EPCC] for Upgradation and Maintenance of Bansi-Mehdawal-Khalilabad Road (SH-88)	<b>National Competitive Bidding (NCB)</b>	NOC received on DPR from the World Bank. Submitted to administration.	
3	Engineering Procurement and Construction Contract [EPCC] for Upgradation and Maintenance of Bahraich-Gonda-Faizabad Road (SH-30)	<b>International Competitive Bidding (ICB)</b>	NOC received on DPR from the World Bank. Submitted to administration.	
4	Engineering Procurement and Construction Contract [EPCC] for Upgradation and Maintenance of Hamidpur-Kuchesar Road (SH-100)	<b>International Competitive Bidding (ICB)</b>	DPR under preparation.	
5	Engineering Procurement and Construction Contract [EPCC] for Upgradation and Maintenance of Garh-Syana-Bulandshehar Road (SH-65)	<b>International Competitive Bidding (ICB)</b>	DPR under preparation.	
6	Engineering Procurement and Construction Contract [EPCC] for Upgradation and Maintenance of Moradabad-Haridwar-Dehradun Road (SH-49)	<b>International Competitive Bidding (ICB)</b>	NOC received on DPR from the World Bank.	



#### 4. Detailed Project Implementation- Civil Works (Phase-1)

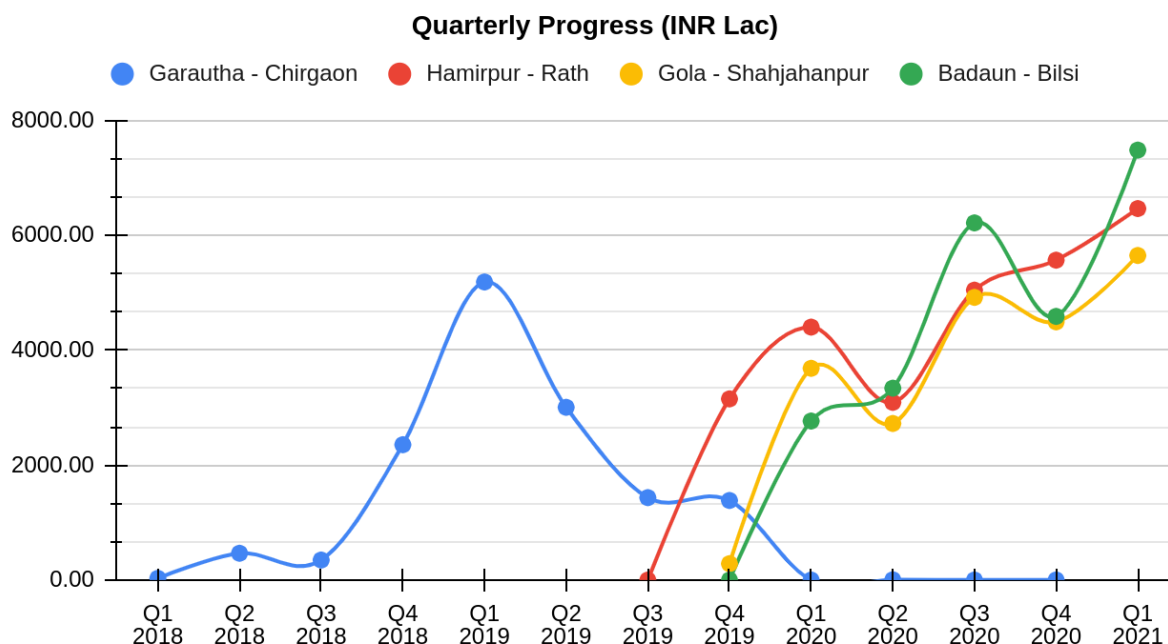
##### 4.1. Phase-I Roads Awarded

Civil Works (Phase-1) Contract Details are given below:

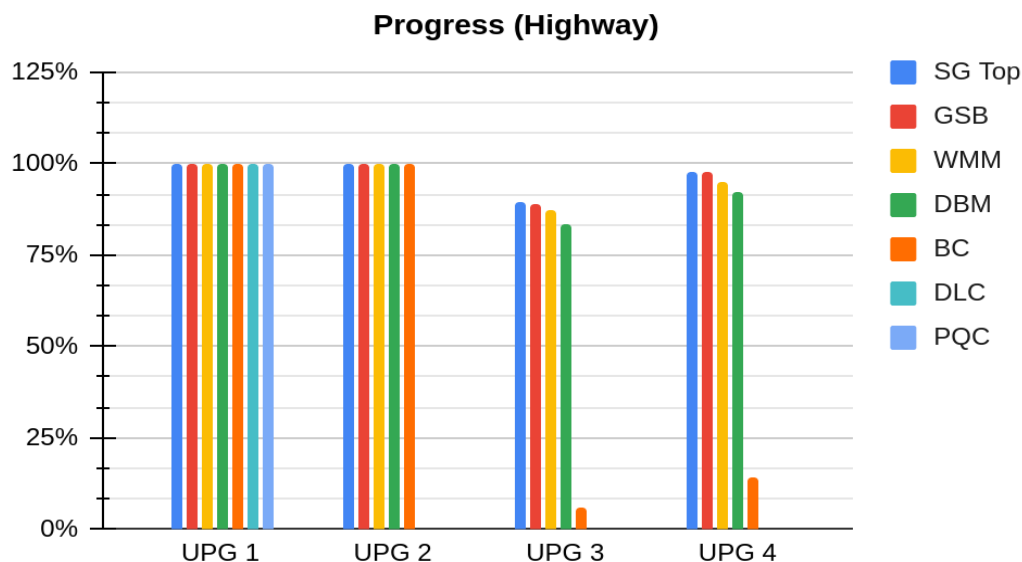
Package Name	Hamirpur-Rath	Garautha-Chirgaon	Gola-Shahjahanpur	Badaun-Bilsi
Contract Name	ICB No. UPCRNDP/UPG/ 01/2018	NCB No. UPCRNDP/UPG/02 /2014	ICB No. UPCRNDP/UPG/03 /2018	ICB No. UPCRNDP/UPG/04/ 2018
Contractor	M/s GHV (India) Pvt. Ltd.	M/s NKC Projects Pvt. Ltd.	M/s APCO Infratech Pvt. Ltd.	M/s GAWAR Construction Ltd.
Contract Amount (Cr.)	262.40	185.77	356.90	334.08
From	Hamirpur (Km2+065)	Garautha (Km. 118+600)	Gola (Km. 1+280)	Badaun (Km58+400)
To	Rath (Km 74+255)	Chirgaon (Km. 167+745)	Shahjahanpur (Km. 58+580)	Bijnaour (Km 137+820)
Length (km)	72.785	49.145	57.535	79.125
Date of Agreement	19/06/19	05/01/17	26/06/19	05/07/19
Appointed Date	25/06/19	15/01/18	11/11/19	04/11/19
Construction Period	730 days	24 Months	730 days	730 days
Maintenance Period	1826 days	5 Years	1826 days	1826 days
Category	SH-42	SH-42	SH-93	SH-51
Milestone 1	21/11/19	14/01/19	08/04/20	01/04/20
Milestone 2	19/05/20	14/01/19	05/10/20	28/09/20
Milestone 3	15/11/20	15/07/19	03/04/21	27/03/21
Scheduled Date of Completion	23/06/21	14/01/20	09/11/21	02/11/21
Actual Date of Completion		31/10/20		
Extended Date of Completion	02/09/21	31/10/20	19/01/22	10/01/22
Lapsed Contract Time (%)	88.4%	139.7%	69.3%	70.3%
Physical Progress	99.30%	100.00%	63.82%	75.03%

## 4.2. Quarterly Progress

Quarterly progress of works in terms of amount of work done for each package of Phase 1 is indicated in the figure below. The Calendar Year has been divided into four quarters starting from January, viz., Q1, Q2, Q3 and Q4 as shown.



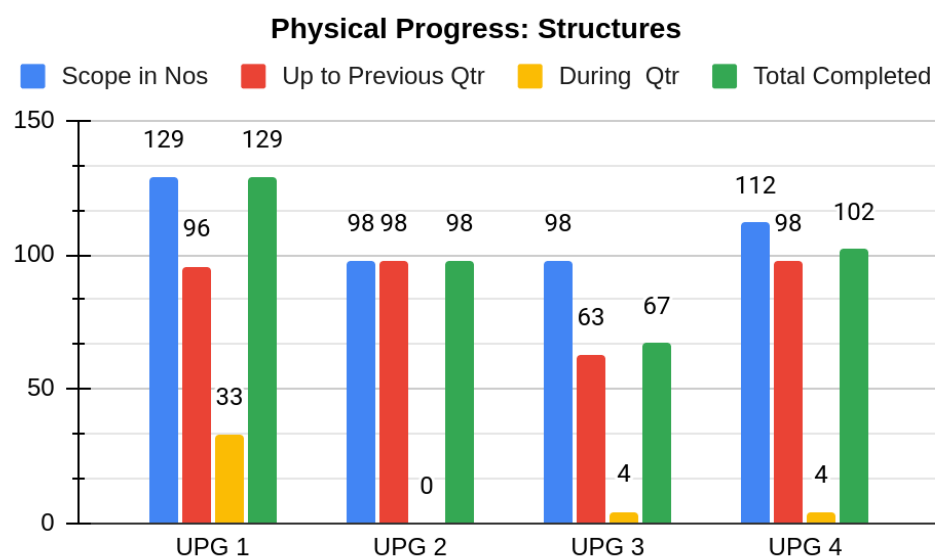
### 4.2.1. Progress Pavement Construction



Package	Scope (km)	SG Top	GSB	WMM	DBM	BC	DLC	PQC
UPG 1	72.785	100%	100%	100%	100%	100%	100%	100%
UPG 2	49.145	100%	100%	100%	100%	100%	0%	0%
UPG 3	57.535	89%	89%	87%	83%	6%	0%	0%
UPG 4	79.125	98%	98%	95%	92%	14%	0%	0%

Package	Scope	Period	Unit	SG Top	GSB	WMM	DBM	BC	DLC	PQC
UPG-1	72.785	Up to Prev Qtr	km	68.345	67.965	53.935	53.755	44.14	13.325	12.935
		This Quarter	km	4.44	4.82	1.92	2.10	11.71	3.61	4.00
		Cumulative	km	72.79	72.79	55.86	55.86	55.85	16.94	16.94
UPG-2	49.145	Up to Prev Qtr	km	49.15	49.15	49.15	49.15	49.15	0	0
		This Quarter	km	0.00	0.00	0.00	0.00	0.00	0	0
		Cumulative	km	49.15	49.15	49.15	49.15	49.15	0.00	0.00
UPG-3	57.535	Up to Prev Qtr	km	42.45	41.74	34.57	29.62	0.00	0	0
		This Quarter	km	8.94	9.51	15.63	18.37	3.25	0.00	0.00
		Cumulative	km	51.39	51.25	50.20	47.99	3.25	0.00	0.00
UPG-4	79.125	Up to Prev Qtr	km	58.21	57.21	52.57	51.37	0.00	0	0
		This Quarter	km	18.95	19.95	22.44	21.57	11.02	0.00	0.00
		Cumulative	km	77.16	77.16	75.01	72.94	11.02	0.00	0.00
Total	258.885	Up to Prev Qtr	km	218.15	216.06	190.22	183.89	93.29	13.33	12.94
			In %	84.36%	83.55%	78.72%	76.10%	38.60%	78.68%	76.38%
		This Quarter	km	32.330	34.280	39.990	42.040	25.980	3.610	4.000
			In %	12.50%	13.26%	16.55%	17.40%	10.75%	21.32%	23.62%
		Cumulative	km	250.48	250.34	230.21	225.93	119.27	16.94	16.94
			In %	96.86%	96.81%	95.26%	93.49%	49.35%	100.00%	100.00%

#### 4.2.2. Progress Structure



Package	DESCRIPTION	Scope in Nos	Up to Previous Qtr	During Qtr	Total Completed	Progress (%)
UPG/02	Minor Bridges (Reconstruction)	5	5	0	5	100.00%
	Box Culverts (New/Re-Construction)	46	46	0	46	100.00%
	HP Culverts (New/Re-Construction)	29	29	0	29	100.00%
	MNB (Widening+Repairing)	1	1	0	1	100.00%
	Culverts (Widening+Repairing)	13	13	0	13	100.00%
	Repair of Structures	4	4	0	4	100.00%
	<b>Total</b>	<b>98</b>	<b>98</b>	<b>0</b>	<b>98</b>	<b>100.00%</b>
UPG/01	Minor Bridges (Reconstruction)	4	3	1	4	100.00%
	Box Culverts (New/Re-Construction)	43	31	12	43	100.00%
	HP Culverts (New/Re-Construction)	36	35	1	36	100.00%
	MNB (Widening+Repairing)	0	0	0	0	0.00%
	Culverts (Widening+Repairing)	28	26	2	28	100.00%
	Repair of Structures	18	0.8	17.2	18	100.00%
	<b>Total</b>	<b>129</b>	<b>95.8</b>	<b>33.2</b>	<b>129</b>	<b>100.00%</b>
UPG/03	Major Bridge (Reconstruction)	1	0.3	0.2	0.5	50.00%
	Minor Bridges (Reconstruction)	4	0.95	0.05	1	25.00%
	Cattle Underpass	3	0	2	2	66.67%
	Box Culverts (New/Re-Construction)	19	17	1	18	94.74%
	HP Culverts (New/Re-Construction)	17	16	0	16	94.12%
	MNB (Widening+Repairing)	3	1	0	1	33.33%
	Culverts (Widening+Repairing)	36	27	1	28	77.78%
	Repair of Structures	15	0.4	0	0.4	2.67%
	<b>Total</b>	<b>98</b>	<b>62.65</b>	<b>4.25</b>	<b>66.9</b>	<b>68.27%</b>
UPG/04	Minor Bridges (Reconstruction)	2	0	0	0	0.00%
	Box Culverts (New/Re-Construction)	11	9	1	10	90.91%
	HP Culverts (New/Re-Construction)	69	69	0	69	100.00%
	Slab Culvert (Re-Construction)	6	4	1	5	83.33%
	MNB (Widening+Repairing)	1	0	1	1	100.00%
	Culverts (Widening+Repairing)	19	16	1	17	89.47%
	Repair of Structures	4	0	0	0	0.00%
	<b>Total</b>	<b>112</b>	<b>98</b>	<b>4</b>	<b>102</b>	<b>91.07%</b>

#### 4.3. Utilities shifting

The status of utilities is as given in sub paragraphs below:

**4.3.1. Removal of Trees**

S. No.	Package	No of Trees	Trees removed	Balance	Amount Demand (In lac)	Amount Released (In lac)	Remarks
1	UPG-1	54436	54147	Nil	803.06	750.44	Work Completed
2	UPG-3	6219	6219	Nil	712.35	712.35	Work Completed
3	UPG-4	11079	11079	Nil	710.90	710.90	Work Completed

**4.3.2. Shifting of Handpumps/ Water Pipeline**

S. No.	Package	Nos/ km	Shifted	Balance	Amount Demand (In lac)	Amount Released (In lac)	Remarks
1	UPG-1 (2+065 to 74+850)	36/18.475	36/13.000	0/5.475	688.55	679.95	Work Completed
2	UPG-2 (118+000 to 168+000)	0/8.256	0/8.256	0/0	182.59	182.59	Work Completed (Involves pipeline only)
3	UPG-3	64/2.65	64/2.65	0/0	32.12	32.12	Work Completed
4	UPG-4	50/10.085	50/7.335	0/2.75	182.18	182.18	Work Completed

**4.3.3. Shifting of Electric Poles/ Transformers**

S. No.	Package	No of poles/ Transformers	Shifted	Balance	Amount Demand (In lac)	Amount Released (In lac)	Remarks
1	UPG-1 (2+065 to 74+850)	401	401	0	873.31	873.31	Work Completed
2	UPG-2 (118+000 to 168+000)	305	305	0	119.55	119.55	Work Completed
3	UPG-3	639/18	580/14	59/4	252.40	252.40	Work in progress. Estimated time: approx 3 months
4	UPG-4	2487/96	2487/96	16/0	3817.39	3817.39	Work Completed

**4.3.4. Shifting Telephone Poles/ UG Cable**

S. No.	Package	No of poles/ Cable	Shifted	Amount Demand (In lac)	Amount Released (In lac)	Remarks
1	UPG-1 (2+065 to 74+850)	32/72.24	NOC	111.17	111.17	Work Completed
2	UPG-2 (118+000 to 168+000)	2/61.55	NOC	251.89	251.89	Work Completed
3	UPG-3	57.30/0.00	57.30/0.00	158.88	158.88	Work Completed
4	UPG-4	102/0.00	102/0.00	294.11	294.11	Work Completed

#### 4.4. Financial Progress

Package	Cost of Project (Cr)	Certified IPC Amount (Cr.)	Paid IPC Nos.	Remarks
Hamirpur-Rath Road (UPG-01)	262.40	260.48	IPC-17	Up to 31.3.2021
Garautha-Chirgaon Road (UPG-02)	185.77	183.86	IPC-24	Up to 31.3.2021
Gola-Shahjahanpur Road (UPG-03)	356.90	212.52	IPC-10	Up to 31.3.2021
Badaun-Bilsi-Bijnaour Road (UPG-04)	334.08	248.08	IPC-12	Up to 31.3.2021
Maintenance Cost Garautha-Chirgaon Road (UPG-02)	4.22			
<b>TOTAL (In Crores)</b>	<b>1139.15</b>	<b>904.94</b>		

#### 4.5. Overall Progress

Name of Road/work	Physical Progress upto Qtr End		Financial Progress upto Qtr End	
	Planned	Actual	Forecast	Actual
Hamirpur-Rath Road (UPG-01)	94.12%	99.30%	94.12%	99.27%
Garautha-Chirgaon Road (UPG-02)	100.00%	100.00%	100.00%	98.97%
Gola-Shahjahanpur Road (UPG-03)	69.44%	63.82%	69.44%	59.55%
Badaun-Bilsi-Bijnaour Road (UPG-04)	91.05%	75.03%	91.05%	74.26%
<b>Cumulative Average Progress</b>	<b>88.65%</b>	<b>84.54%</b>	<b>88.65%</b>	<b>79.44%</b>

#### 4.6. Reasons for Delay

There has been some delay in execution of works for reasons mentioned below. Actions taken to mitigate the effects to the extent possible are also mentioned.

S.No.	Package	Reason	Action Taken
1	UPG-01	Effect of Covid-19; Delayed due to Lockdown	EOT recommended by the Engineer for 71 Days
2	UPG-02	Work Completed - O&M Period started	EOT was granted by the Client for 290 Days especially for widened width of C/W at vill-Gursarai and vill-Sultanpura
3	UPG-03	Effect of Covid-19; Delayed due to Lockdown	EOT recommended by the Engineer for 71 Days
4	UPG-04	Effect of Covid-19; Delayed due to Lockdown	EOT recommended by the Engineer for 69 Days

#### 4.7. Road Safety (Accidents Reported)

The details of accidents reported are given below:

FATAL ACCIDENT DATA- SUMMARY											
Month	Police Station	Date/ Time	Weat her	Location with Ch./ Km	No. of Victims			Cause of Accident	Type of Vehicle	Cat.	Remarks
					Minor Injury	Major Injury	Fatal				
UPG 1 Hamirpur-Rath (SH-42)											
1/21	Rath	24.01.2021 / 6.30PM	Fine	72+490	0	0	2	Negligence by LMV Victim	LMV	C	
2/21	Muskura	07.02.2021 / 5.30PM	Sunny	53+700	1	0	0	Due to Wild blue cow crossing	LMV	C	
3/21	Muskura	12.03.2021 / 7.30PM	Sunny	49+700	1	0	0	Negligence of LMV	LMV	C	
UPG 2 Garautha-Chirgaon (SH-42)											
1/21	--	--	--	--	0	0	0	--	--	--	Data not Received from Police
2/21	--	--	--	--	0	0	0	--	--	--	--do--
3/21	--	--	--	--	0	0	0	--	--	--	--do--
UPG 3 Gola-Shahjahanpur (SH-93)											
1/21	Hyderabad PS	14.01.21/ 2.30 PM	Clear	Km. 09+800	1	0	0		Swift Desire UP 6D 8487	C	
2/21	Hyderabad PS	05.02.21/ 04.30 PM	Clear	Km. 6+000 Mamri Vill	1	0	0	Hit by unknown vehicle	M/C No. UP 311BD 9359 & Unknown vehicle	C	
3/21	--	--	--	--	0	0	0	--	--	--	
UPG 4 Badaun-Bilsi-Bijnour (SH-51)											
1/21	--	--	--	--	0	0	0	--	--	--	
2/21	Nakasha PS				2	0	0	--	--	C	
3/21	--	--	--	--	0	0	0	--	--	--	Data not received from Police Due to Covid-19
TOTAL					6	0	2				
ACCIDENT CATEGORY:											
A. In construction zone involving project person/machinery											
B. In construction zone involving Public											
C. Outside construction zone involving Public											
AE's Note:											
The above fatal accident data is based on data submitted by the contractor to the Authority Engineer as on date.											
According to the contractor the accident data are collected from the police station within the respective project corridor.											
Category "A" accident has been investigated by Contractor and Review by AE. AE have no Authority to investigate public / road user's accident under category "B" or "C"											

#### 4.8. Phase 2 Roads

The brief status as on end of Quarter is as given below. For detailed status, please refer to annexure.

S.N	Name of Road/work	Category	Length (km)	Estimated Cost (Cr)	Status
1	Moradabad-Haridwar-Dehradun	SH-49	36.170	314.480	DPR Submitted. Submission of revised DPR pending
2	Garh- Syana-Bulandshahar	SH-65	49.674	489.690	DPR submitted.
3	Bahraich - Gonda- Faizabad	SH-30	59.237	336.380	DPR Submitted, Bid Document submitted
4	Hamidpur- Kuchesar	SH-100	19.109	106.300	DPR submitted.
5	Bansi-Mehdawal-Khalilabad	SH-88	28.870	186.480	DPR Submitted, Bid Document submitted
<b>Total</b>			<b>193.060</b>	<b>1433.330</b>	

#### 4.9. Summary of Major On-Going Issues Affecting Civil Works Progress :

##### 4.9.1. Contract Package UPG-01 (Hamirpur-Rath Road (SH-42)):-

1. Approach road to major bridge at CH 59+730 Contractor instructed to expedite these works.
2. Contractor has been advised to expedite road marking, road signs and table top for traffic in the major towns to prevent accidents and safety.
3. Change of Scope (COS) for additional retaining walls and structures was submitted and approved by AE.
4. 05 Nos CPR Structures to be completed ASAP.

##### 4.9.2. Contract Package UPG-02 (Garautha Chirgaon Road (SH-42)):-

1. Contractor has been advised to submit his full and final Payment Certificate/ IPC for Part- 1 works to the Supervision Consultant for checking .
2. Inspection and maintenance works (Part 2 works) started from 1st November 2020. During the quarter the contractor has replaced the damaged/ stolen road signs & road studs as notified by CSC.

##### 4.9.3. Contract Package UPG-03 (Gola- Shahjahanpur Road (SH-93)):-

1. Hindrance of underground HT cables in the town of Mohammadi has been resolved and Contractor started working on this section.
2. Change of Scope (COS) for 3 Nos CUPs as per forest department request to be submitted by the contractor for finalization of cost and approval from the client, However work in progress as design approved.
3. Major bridge RCC girders casting started in mid-February 2021
4. Remaining 05 no CPR Structures location to be finalised ASAP.

##### 4.9.4. Contract Package UPG-04 (Badaun-bilsi-bijnaur Road (SH-51)) :-

1. 11 Nos CPR Structures jointly identified with client for relocation. Contractor has been advised to prepare design/ drawings & cost estimates for CPR structures at the earliest.
2. COS proposal including design, drawing and cost estimation for additional RCC drains as instructed during last visit by CE is required from contractor



3. COS proposal, including cost estimation, with due justification for change of 02 minor bridges into Box bridges to be submitted by contractor to AE, at the earliest.

## 5. Social and Environmental Safeguard

### 5.1. Social Activities (R&R and Land Acquisition)

The current report is the Quarterly Social Safeguard Monitoring Report prepared to comply with the loan covenants covering the quarter. Out of Four Packages only one, namely UPG-3 requires land acquisition. All 4 packages UPG-1, UPG-2, UPG-3 & UPG-4 involve resettlement of Non-Title Holders. All the resettlement planning documents related to above projects were disclosed.

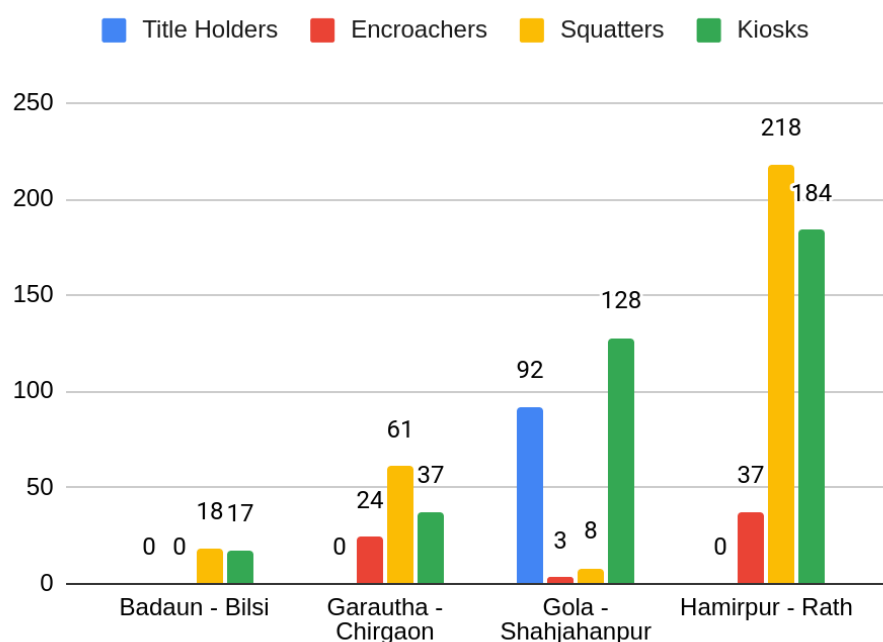
RAP Implementation Status: The overall disbursement status is 93.52%. UPG-02 & 04 packages are completed. Balance disbursement amount will not be paid due to minimization of social impact. Therefore, no disbursement is pending.

Land acquisition in UPG-3: Total 73 Title Holders out 92 have been compensated and the balance 19 have ownership dispute, mutation dispute & loan taken from the Bank.

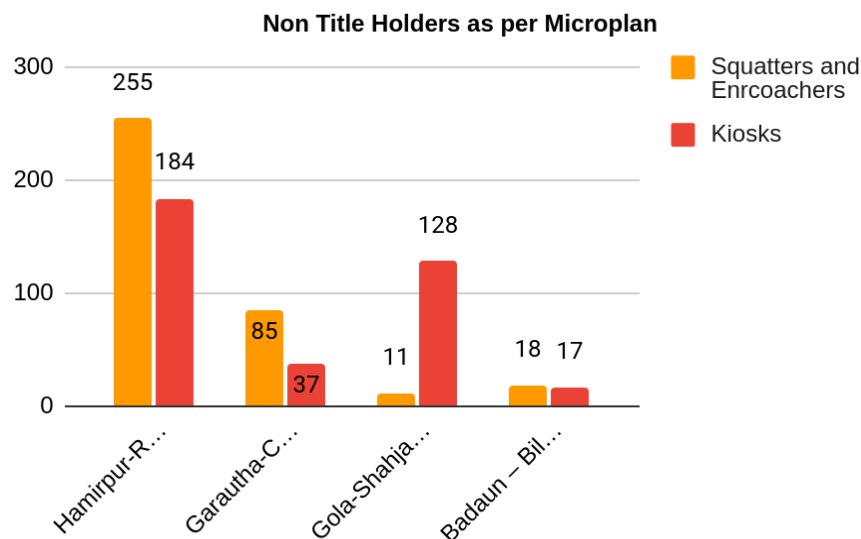
Implementation of gender action plan including GBV/HIV/ROAD SAFETY: A total of 27 number of awareness generation camps were organized by the NGO.

Implementation of livelihood restoration plan: The report has been finalized by the World Bank. Due to the pandemic situation, the implementation of the same is delayed and is expected to start from the month of July 21.

The following figure shows the distribution of Project Affected Householders:

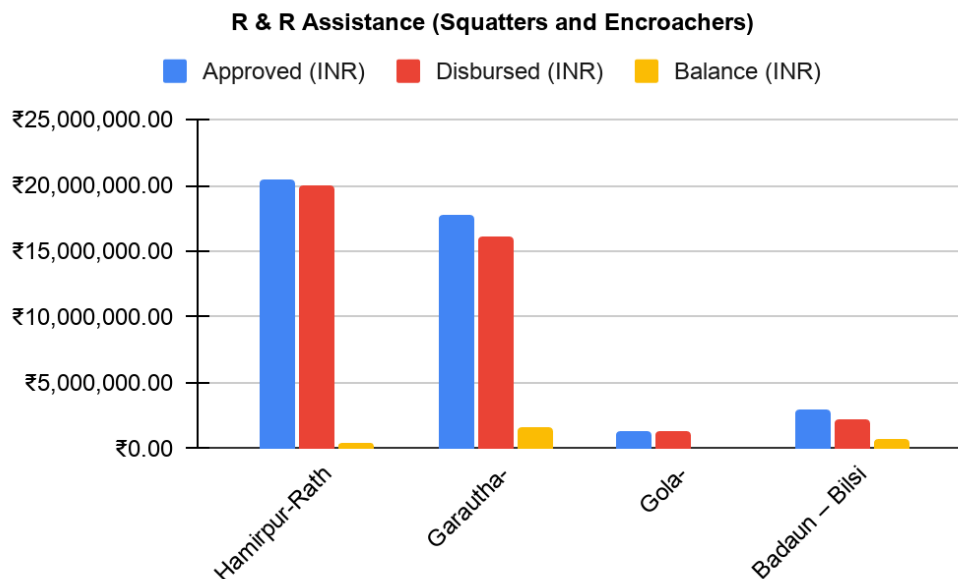


## 5.1.1. Status of Micro Plan of Non Title Holders



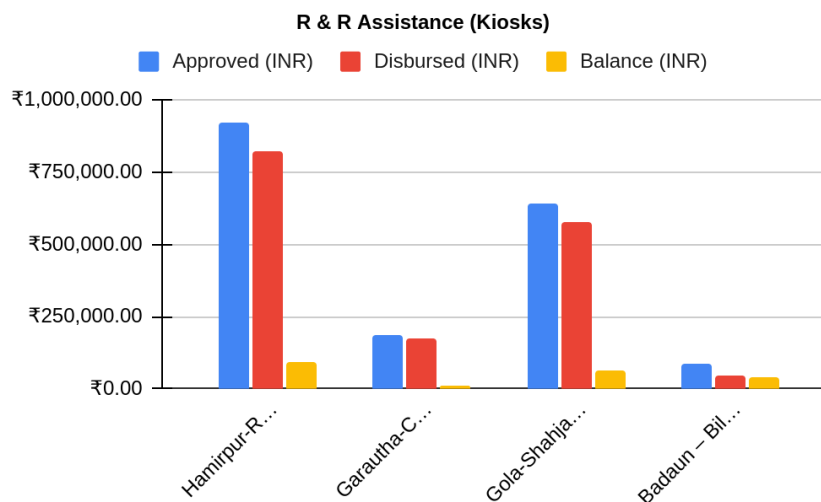
Status of Micro Plans (Squatters & Encroachers)					
Package	No. of PAH	Total Amount approved	Cumulative Amount	Date of submission	Date of Approval
Hamirpur-Rath Road	255	20,398,948	20,398,948	13.08.2019	11.09.2019
Garautha-Chirgaon Road	34	3,629,784	17,766,443	31.01.2019	15.03.2019
	51	14,136,659		19.06.2019 & 17.12.2019	04.07.2019 & 21.12.2019
Gola-Shahjahanpur Road	11	1,274,153	1,274,153	21.06.2019	09.07.2019
Badaun – Bilsa - Bijnaour Road	18	2,904,000	2,904,000	25.06.2019	17.10.2019
<b>Total</b>	<b>369</b>	<b>42,343,544</b>	<b>42,343,544</b>		
Status of Micro Plans (Kiosks)					
Package	No. of PAH	Total Amount approved	Cumulative Amount	Date of submission	Date of Approval
Hamirpur-Rath Road	184	920,000	920,000	29.09.2018	13.11.2018
Garautha-Chirgaon Road	37	1,85,000	1,85,000	29.09.2018	13.11.2018
Gola-Shahjahanpur Road	128	640,000	640,000	16.02.2019	12.04.2019
Badaun – Bilsa - Bijnaour Road	17	85,000	85,000	25.06.2019	17.10.2019
<b>Total</b>	<b>366</b>	<b>1,645,000</b>	<b>1,645,000</b>		
Note: - As pre R&R policy Kiosks entitled only Rs. 5000 one time grant					

## 5.1.2. Status of R &amp; R Assistance Disbursement to Squatters &amp; Encroachers



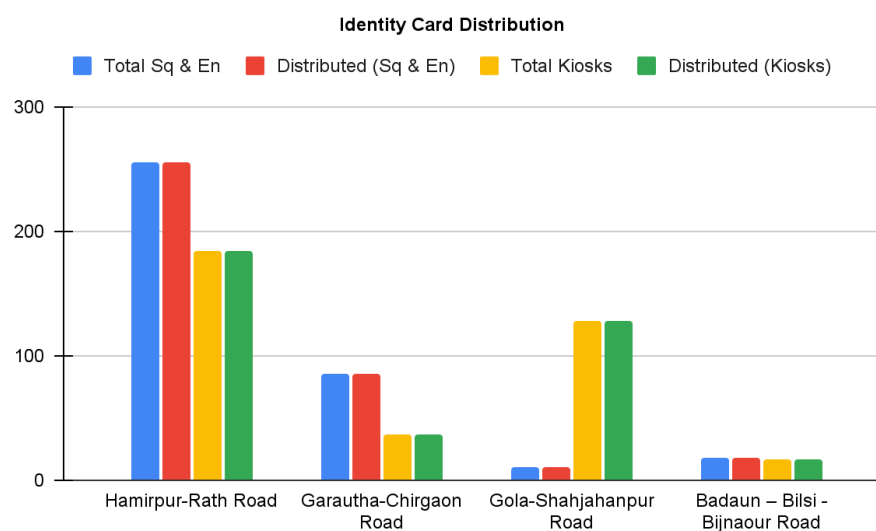
Package	Disbursement of structures Compensation and R&R Assistance (Non-Title Holders)								
	Total (SQ, EN)	Amount approved	Amount Disbursed				Amount disbursed	Balance amount	Progress %
			I - Instalment		II - Instalment				
			(SQ, EN)	Amount disbursed	(SQ, EN)	Amount disbursed			
Hamirpur-Rath Road	255	20,398,948	255	10166369	242	9840250	20006619	392,329	98
Garautha-Chirgaon Road	34	3,629,784	33	1451008	23	886876	2337884	1,291,900	64
	51	14,136,659	51	6656795	50	7127062	13783857	352,802	98
Gola-Shahjahanpur Road	11	1,274,153	10	637077	10	619039	1256116	18,037	99
Badaun – Bilsa - Bijnaour Road	18	2,904,000	16	1154000	15	1061000	2215000	689,000	76
Total	369	42,343,544	365	20065249	340	19534227	39599476	2,744,068	94

### 5.1.3. Status of R&R Assistance to Kiosks



Package	Disbursement Of Structures Compensation & R&R Assistance ( Kiosks)					
	Total Kiosks	Amount approved	Amount disbursed		Balance amount	Progress %
			Kiosks	Amount disbursed		
Hamirpur-Rath Road	184	920000	165	825000	95000	90
Garautha-Chirgaon Road	37	185000	35	175000	10000	95
Gola-Shahjahanpur Road	128	640000	115	575000	65000	90
Badaun – Bilsi - Bijnaour Road	17	85000	9	45000	40000	53
<b>Total</b>	<b>366</b>	<b>1830000</b>	<b>324</b>	<b>1620000</b>	<b>210000</b>	<b>89%</b>

### 5.1.4. Status of Identity Card Distribution



STATUS OF IDENTITY CARD FOR NON-TITLE HOLDER						
Package	Non-Title Holder (Squatters & Encroachers)			Non-Title Holder (Kiosks)		
	Total	Distributed	Progress %	Total	Distributed	Progress %
Hamirpur-Rath Road	255	255	100.0%	184	184	100.0%
Garautha-Chirgaon Road	85	85	100.0%	37	37	100.0%
Gola-Shahjahanpur Road	11	11	100.0%	128	128	100.0%
Badaun – Bilsa - Bijnaour Road	18	18	100.0%	17	17	100.0%
<b>Total</b>	<b>369</b>	<b>369</b>	<b>100.0%</b>	<b>366</b>	<b>366</b>	<b>100.0%</b>

## 5.2. Environmental Management Activities

### 5.2.1. Introduction

The Environmental Assessment (EA) for the project has been undertaken in line with Bank policies (OP 4.01, OP 4.04, OP 4.11, OP 4.36) and applicable environmental laws. As per EIA Notification (2006) dated 22 August, 2013 & subsequent amendments. Environmental Clearance is not required for the project. The ESIA and ESMP for the four roads and the ESMF have been disclosed in the country and in Infoshop during December 2014 and January 2015, which are integrated with the other project documents like works bidding/ contract documents.

### 5.2.2. C-ESMP

Approval of Contractor Environment and Social Management Plan (C-ESMP): To achieve the required environmental management standards, the Contractor Environment and Social Management Plan (C-ESMP) has been reviewed and approved by the Project Management Consultant (PMC) in accordance with the proposed mitigation measures recommended in Contract Agreement & ESMP. Approved C-ESMP is being implemented by the Contractors and monthly reporting is being done.

### 5.2.3. ESMP Cell

Institutional Arrangement for Implementation of ESMP: For the implementation of environmental aspects of the project, the primary responsibility rests with the UPPWD through the Chief Engineer, World Bank Division. The Chief Engineer is assisted by an ESDRC staffed by engineers from the department/ Individual Consultant-Environment/ Individual Consultant-Social. As per World Bank/ State Govt. Policy the Project Management Consultant team hired for the Contract Management, an Environmental Specialist provided as a key member of the team. The PMC's environmental specialist oversees the EIA preparation, and EMP implementation through the contractor. An independent review of the EIA and EMPs for all project roads is envisaged since some of the selected road falls under the Category A project and the same has been completed for Phase I road and being followed for Phase-II Roads.

### 5.2.4. Effect of Covid-19

Novel Corona Virus (COVID-19) Pandemic: For the UPCRNDP project works, a Specific Standard Operation Procedure (SOP) has been prepared and submitted vide letter reference number Egis

India/LKO/UPCRNDP/2020/839 dated 18<sup>th</sup> May 2020, approved by World Bank vide approval dated 12<sup>th</sup> June, 2020 and has been circulated to all Contractor's by the Authority Engineer for implementation. Implementation status report is being reported by the Contractors.

The Govt. of India has begun a vaccination program for Covid-19 from 16-Jan-2021 We encouraged our Contractors and Supervision team members to be vaccinated for safety of our UPCRNDP workforce.

### 5.2.5. Statutory Permits

Statutory Compliance Status of Required Permits: The statutory compliance status is given in Table.

S. No.	Key ESMP/Contract Agreement Requirements	NOC Required From	UPG-01	UPG-02	UPG-03	UPG-04
1	Forest Clearance	Forest Department	Obtained for Stage-I; Stage-II awaited	-	Obtained for Stage-I; Stage-II awaited	Obtained for Stage-I; Stage-II obtained on 10.1.2019
2	Tree Cutting Permission from concerned Division	State Forest Department	Permission obtained	Permission obtained	Permission obtained	Permission obtained
3	Approved Contractor Environmental & Social Management Plan (C-ESMP)	PMC	Approved and uploaded on PWD Website	Approved and uploaded on PWD Website	Approved and uploaded on PWD Website	Approved and uploaded on PWD Website.
4	Labour License	Labour Department	Available-Validity 03/09/2019 to 02/09/2021	Available-Validity 26/04/2018 to 26/04/2021	Available-Validity 02/01/2020 to 10/11/2021	Available-Validity 19/11/2019 to 17/11/2021
5	Workmen Compensation Policy	Any Insurance Company	Available-Validity till 19/04/2021	Available-Validity till 19/11/2021	Available-Validity till 03/04/2021	Available-Validity till 18/11/2021
6	Contractor All Risk Policy	Any Insurance Company	Available-Validity till 31/07/2021	Available-Validity till 01/08/2021	Available-Validity till 10/05/2026	Available-Validity till 03/11/2021
7	Hot Mix Plant -CTO (Air)	UPPCB	Available-Validity till 31/07/2022	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
8	Hot Mix Plant - CTO (water)	UPPCB	Available- Validity till 31/07/2022	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
9	Ready Mix Concrete- CTO (Air)	UPPCB	Available- Validity till 31/07/2022; For 2nd RMC 31/03/2021	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
10	Ready Mix Concrete - CTO (Water)	UPPCB	Available- Validity till 31/07/2022; For 2nd RMC 31/03/2021	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
11	Wet Mix Plant -CTO (Air)	UPPCB	Available- Validity till 31/03/2021	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
12	Wet Mix Plant - CTO (Water)	UPPCB	Available- Validity till 31/03/2021	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
13	DG Sets	UPPCB	Available- Validity till 31/07/2022	Demobilized	Available-Validity till 31/12/2021	Available-Validity till 31/07/2022
14	Ground Water Permission	Central Ground Water	3rd time Applied w.r.t SGWB new guidelines -	Demobilized	CGWA permission	3rd time Applied w.r.t SGWB new guidelines -

		Authority	Permission Awaited		available-Validity 04/05/2020 to 03/05/2022	Permission Awaited
15	Hazardous Waste Management Permission	UPPCB	M/s Kathooria Petro Products engaged for oil & grease.	M/s Kathooria Petro Products engaged for oil & grease.	Bharat Oil & Waste Management Ltd.	M/s RAMKY Waste Management Unit
16	HSD Storage-DC Permission/ IOCL	DC & PESO	DC permission is available. (Valid till Project Period)	Demobilized	PESO permission dated 02/03/2020 is available. (validity till 31/12/2022)	PESO permission dated 09/12/2019 is available. (validity till 31/12/2021)
17	PUC Certificates	State Transport Department	Available	Demobilized (Available for O&M equipments)	Available	Available
18	Borrow Area Permission	DC (Mining Department) and SEIAA	Farmers MOU & Mining permissions available for all borrow pits SEIAA permission now not required	Closed	Farmers MOU & Mining permissions available for all borrow pits SEIAA permission now not required	Farmers MOU & Mining permissions available for all borrow pits SEIAA permission now not required
19	Quarry/Crusher Permission (Entire Aggregate materials are being out sourced by all UPCRNDP Contractors )	Dept. of Mines & Geology and State PCB	Lease Document & CTO is available for out sourced materials	Closed	Lease Document & CTO is available for out sourced materials	Lease Document & CTO is available for out sourced materials
20	ISO 14001 and OHSAS 18001 certification (within one year from the award for contract)	Authorized ISO Certifying Agency	Obtained -ISO 14001 and ISO 45001 Valid till 07/11/2021	Not Applicable	Obtained -ISO 14001 Valid till -27/08/2023 and ISO 18001 Valid till 11/03/2021	Obtained -ISO 14001 and ISO 18001 Valid till 10/02/2024
21	Signing Code of Conduct	Contractor	Signed	Not Applicable	Signed	Signed

### 5.2.6. Borrow Area Management

All borrow areas have been/ being approved by PMC as per the norms and top soil is being restored for restoration of the borrow areas. As per Minutes of Meeting (MoM) of SEIAA and SEAC, U.P. dated 23/10/2019, after abolition of DEIAA by NGT, it was stipulated that all mining cases of minor minerals having 0 to 5 Ha., area will be appraised by UP-SEIAA for Environmental Clearance (EC). Currently SEIAA permission is not required as per MoEFCC Notification S.O.1224(E) dated 28th March 2020 which was further confirmed by the U.P. State Govt. G.O notification no.445/81-7-2020-39 (env)/ 2014 T.C-1 dated 01/05/2020. Brief status of Borrow areas is given in Table.



Package	Total No. of Borrow Areas Identified	No. of Borrow Areas approved w.r.t. EMP	No. of Borrow Areas				Rehabilitated	Balance for Rehab	DC's Permission Obtained/ Applied
			Exhausted	Ongoing	Yet to be started	Balance for use			
UPG-01	36	31	21	2	2	6	21	NIL	28
UPG-02	47	38	38	0	0	0	38	NIL	38
UPG-03	36	35	23	4	3	5	17	4	30
UPG-04	36	29	19	3	5	2	12	5	21
<b>Total</b>	<b>155</b>	<b>133</b>	<b>101</b>	<b>9</b>	<b>10</b>	<b>13</b>	<b>88</b>	<b>9</b>	<b>117</b>
<b>NOTE:</b>	UPG-02 (Garautha-Chirgaon) Package is completed on 31-10-2020; All Borrow Areas are rehabilitated and handed over to the respective land owners with receipt of satisfactorily NOC issued in favour of Contractor (NKC)/Client (PWD).								

### 5.2.7. Workshops/Trainings/Health Check-ups/Awareness Camps:

HIV/AIDS Awareness Campaign details (last quarter) are given in Table. The objectives of this Awareness Campaign were:

- Discuss the vulnerability of workers engaged in the construction site to STI/ HIV and AIDS.
- Discuss strategic HIV/ AIDS policy and programmatic interventions for construction workers and the role of various stakeholders

Package	Details
UPG-01	HIV/AIDS awareness program has been organized on Hamirpur-Rath Road (SH-42) on 08th October 2020 at M/s GHV (India) Pvt. Ltd. Camp Office at Ch.57+000 LHS, Village-Bihuni. The consultation was organized by the Contractor with support from PMC and local Health Department
UPG-02	Project Completed; .
UPG-03	HIV/AIDS awareness program has been organized on Gola-Shahjahanpur Road (SH-93) on 12th October 2020 by M/S APCO Infratech Pvt. Ltd. at Camp office Ch.39+600 LHS, Village-Kheriyajat. The consultation was organized by the Contractor , with support from PMC and local Health Department .
UPG-04	HIV/AIDS on the Construction site on Badaun-Bilsa-Bijnour Road (SH-51) held in November 2020 by M/S GAWAR through the local Health Department at Base Camp office at Ch.102+200 RHS.

Note: Due to the second wave of Covid-19, the campaign could not be organised. However, HIV/ AIDS awareness messages have been displayed at numerous locations at Contractor/ Camp/ Work sites.

### 5.2.8. Environmental Pollution Monitoring

Environmental monitoring is being done in accordance with ESMP and summary is given in Table attached. Test results are normally well within permissible limits for air, ground water & noise. Surface water & Soil testing is also being done.

### 5.2.9. Grievances Redressal Committee

GRC Committee has been formed in all PIUs. No written complaint specifically for environmental issues have been received so far. Some complaints pertaining to waterlogging/ drainage were received and were promptly settled. Some verbal complaints concerning dust were received and were resolved promptly.

**5.2.10. ESHS Incidents**

No accident/ fatalities have been reported so far except one fatal incident from UPG-01 reported on 24<sup>th</sup> May, 2020 . The related issues have been settled.

Data of road accidents is being also collected from concerned Police Stations and an Accident Register is maintained by all Contractors.

**5.2.11. Enhancement Measures**

Compliance status of enhancement measures is given as under:

Package	Number of Sites	Location Details			Required Enhancement			Wall/ Ceiling/ Chabutra	Compliance Status
		Chainage (Km)	Side	Existing Structure	Tree Plantation with Guard	Bench	Bathing Ghat		
UPG-01	3	5+300	LHS	Primary School at KalauliTeer Village School	10	0	0	0	Initiated
		5+800	RHS	Pond	15	0	0	0	Initiated
		7+700	RHS	Pond	25	4	0	0	Initiated
UPG-02	2	123+200	LHS	Temple at Shila Village	4	3	0	0	Completed
		166+000	LHS	Temple at Siya Village	4	4	0	0	Completed
UPG-03	3	9+300	RHS	Primary School at Bagchan Village	16	0	0	0	To be done
		28+000	LHS	Pond at Mohammadi Village	0	4	1	0	Initiated
		52+000	LHS	Primary School at Pipariya Village	15	0	0	0	To be done
UPG-04	2	61+500	LHS	Pond at Wahpurpatti Village	0	4	1	0	Initiated
		103+300	LHS	Temple at DehpaVillage	0	0	0	2	Initiated
<b>TOTAL</b>	<b>10</b>	-	-	<b>10</b>	<b>89</b>	<b>19</b>	<b>2</b>	<b>2</b>	-

**5.2.12. ESHS Corrective Action**

Following ESHS issues are still pending and being followed up;

- Following up for pending permits/ NOCs (CGWA Permission for GW; ; UPG-03: DC's Permission for Borrow Area ; UPG-04: CGWA Permission for GW, )
- Following up for Environmental & Social Training's as per ESMP, however this is affected due to Covid-19.

**5.2.13. WB Second Implementation Review: EMP Implementation Points and Progress**

The mission had detailed discussions on environmental safeguard aspects of the project with PWD, PMC and Contractors' representatives. The major points brought out and their status are as under:

S. No.	Implementation Points	Current Status
1	Statutory clearance: Expedite permission for Ground Water abstraction and permission from the District Authorities (not Environmental Clearance) for borrow areas.	Being follow-up with Contractors for timely acquiring the necessary permissions; Updated status included in QPR under section 5.2.5 Statutory Permits.; UPG-01:GW permission applied for and permission from District Authorities available for 28 BAs out of 31 BAs (rest in process) UPG-03:GW permission obtained and permission from District Authorities available for 30 BAs out of 35 BAs (rest in process) UPG-04:GW permission applied for and permission from District Authorities available for 21 BAs out of 29 BAs (rest in process) (Details are Presented in QPR under Section 5.2.6 Borrow Area)
2	Roadside Trees: The mission advised for planning and undertaking pre-plantation activities .	Summary of Plantation plan attached in Annexure
3	Borrow Area and Waste Management: The mission urged PWD to ensure that the Contractor submits full closure report to the satisfaction of the PMC for all the borrow areas used in the project, once their use is over and they are returned to the respective owners.	Being complied . Status given in the report.
4	Reuse of Material: The PMC needs to document the good practices PWD should share a consolidated report on the same with the Bank as part of the QPR for the period ending March 31, 2021.	Detailed report given in Annexure
5	Use of Fly Ash	Status given in Annexure
6	Community health and safety: The mission suggested PMC to identify all sites with potential risk to community health and safety due to flooding/erosion and maintain such sites	The majority of such risk is being closed during the currently executing civil works; However, all sites of potential risk (if any balance) shall be investigated before onset of monsoon.
7	Rainwater harvesting structure: In UPG-02, 25 rainwater harvesting structures have been constructed. Now is the time for connecting these structures to drain and cleaning of, so that their performance can inform remaining road contracts.	Being complied – Locations of RWH for all EPC Packages are finalized. Summary is attached as Annexure
8	Enhancement Measures	Detailed report included under Enhancement Measures section
9	Restoration plan for UPG-02: The Bank team reiterated the need to coordinate with the contractor and to ensure that EMP activities are reflected in the contractor's Operation and Maintenance Manual as approved by the Authority Engineer.	Being followed, monitored by PMC/AE & recorded
10	To streamline the EMP implementation monitoring and documentation, the PMC agreed to use the Environmental Management Information System already developed for the PWD.	Necessary steps taken by PMC/AE for timely updating the Environmental Management Information System (PMIS) as developed for PWD.

## 6. Grievance Redress Mechanism (GRM)

As agreed in the Project Appraisal Document (PAD) of World Bank and ESMF, an Integrated Grievance Redress Mechanism (IGRM) has been established under UPCRNDP with the aim to resolve as many disputes as possible through consultations and to avoid litigation.

The community / beneficiaries / project affected persons also have the option to lodge the grievance at the Hon'ble Chief Minister's Jansunwai-Samadhan services at [www.jansunwai.up.nic.in](http://www.jansunwai.up.nic.in).

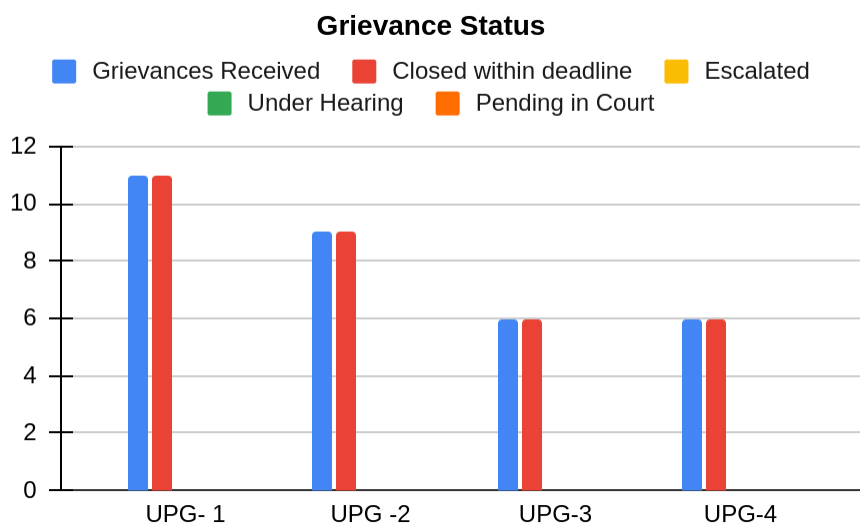
### 6.1. Grievance Redress Cell Setup under ESDC

As a part of IGRM (Integrated GRM), a Grievance Redress Cell (GRC) has been set up at the district level. The members of GRC are Social & Environment Experts of PMU, Social and Environment Officer of PIU. Assistant Engineers of PIU's have been designated Social and Environment Officer under the project, to look after the social and environment components of their respective jurisdiction. Two representatives of community/ beneficiary/ affected person, Contractor's representative and a representative of NGO are also included. The Executive Engineer of the respective road section is the Chairperson of the Cell.

Social Expert of PMU is the Nodal Officer and is responsible for activities required for successful functioning of Grievance Redress Mechanism under UPCRNDP. The website of UPCRNDP ([www.upcrndp.gov.in](http://www.upcrndp.gov.in)) has the name and contact details of Social Expert (PN ROY, Mobile No. 9779117558); a toll free number (18001215707) and also the details of hearings held under GRM.

### 6.2. Grievance status

The status of grievances as on the end of this quarter is given as below Details of grievances are attached separately as Annexure to this document:



Package	Grievances Received	Closed within deadline	Escalated	Under Hearing	Pending in Court
UPG- 1	11	11	0	0	0
UPG -2	9	9	0	0	0
UPG-3	6	6	0	0	0
UPG-4	6	6	0	0	0
Total	32	32	0	0	0

## 7. Activities of PMC Consultants

### 7.1. Project Management Consultant (PMC)

The Public Works Department (PWD), on behalf of the Government of Uttar Pradesh, engaged M/s Egis India Consulting Engineers Pvt. Ltd. to provide PMC services for Uttar Pradesh Core Road Network Development Project.

The Project Management Consultancy services will be undertaken in three Parts.

PART A: Project Preparation including Detailed Engineering Design and Contract Documentation (Lump Sum) for 24 months from commencement of services.

PART B: Construction Supervision of Phase I Civil Works (Time Based) until completion of Civil Works of Phase-I roads including DLP & Maintenance (24-30 months + 60 months Maintenance period including DLP).

PART C: Project Management Services (Time Based) initially for 5 years and further extension based on Consultants performance.

The present consultancy assignment broadly includes project preparation (Detailed Engineering Design and Contract Document), Construction Supervision of Phase-I Civil Works and Project Management Services (includes development and implementation of PMIS) and road safety enhancement work on about 2000 Km of CRN Roads in Phase-II.

### 7.2. Financial Progress of Consultant

The Consultant has submitted his Invoices for Services up to the end of quarter and Financial Progress of UPCRNDP - (Part A+B+C) - Up to end Quarter under consideration as below:

#### **PART - B: Up to March 2021 (INR) - (Claimed Amount)**

Sl No.	Description	Contract Amount (INR)	Variation (INR)	Cumulative up to Current Invoice (INR)	Balance (INR)
1	Remuneration for Key Professionals	8,22,86,700	9,03,54,046	3,90,37,023	5,13,17,023
2	Remuneration for Non- Key Professionals	18,79,38,800	14,74,53,510	6,26,72,960	8,47,80,550
3	Reimbursable Expenses	4,46,07,516	4,83,63,117	2,18,37,953	2,65,25,164
4	Escalation			2,54,82,828	
<b>Total</b>		<b>31,48,33,016</b>	<b>28,61,70,672</b>	<b>14,90,30,764</b>	<b>16,26,22,737</b>

#### **PART - C: Up to March 2021 (USD) - Claimed Amount**

Sl No.	Description	Contract Amount	Variation	Cumulative up to Current Invoice	Balance
1	Remuneration for TL	\$11,24,640	\$12,25,501	\$7,21,532	\$5,03,969
<b>Gross Amount (Foreign Component)</b>		<b>\$11,24,640</b>	<b>\$12,25,501</b>	<b>\$7,21,532</b>	<b>\$5,03,969</b>

**PART - C: Up to March 2021 (INR) - Claimed Amount**

Sl No.	Description	Contract Amount (INR)	Variation (INR)	Cumulative up to Current Invoice (INR)	Balance (INR)
1	Remuneration for Key Professionals	5,20,34,400	4,32,39,000	10551990	3,26,87,010
2	Reimbursable Expenses	1,85,52,152	3,08,96,321	17519367	1,33,76,954
3	Escalation			2983477	
<b>Total</b>		<b>7,05,86,552</b>	<b>7,41,35,321</b>	<b>3,10,54,834</b>	<b>4,60,63,964</b>

**7.3. PMC Mobilization**

The Table below indicates existing key staff vacancies of PMC with reasons thereof:

Position	Duration (months)	Vacant Since	Remarks
<b>TEAM LEADER'S OFFICE</b>			
Dy. Team Leader (Const. Mgmt. Specialist)	36	-	Joined on 18.3.2021. Part B Services
Contract Administration Specialist	36	TBA	Part-C Services
<b>CONTRACT PACKAGE- UPG-01 Hamirpur – Rath (Including Rath-Garautha Section)</b>			
Nil			
<b>CONTRACT PACKAGE - UPG-02 Garautha - Chirgaon</b>			
Nil			
<b>CONTRACT PACKAGE - UPG-03 Gola-Shahjahanpur</b>			
Nil			
<b>CONTRACT PACKAGE -UPG-04 Badaun– Bilsa- Bijnaour</b>			
Nil			

**7.4. Major PMC Tasks during the Quarter**

- The Independent Agency has been advised to carry out the Construction Stage 2nd Road Safety Audit (RSA) at UPG-01, UPG-03 and UPG-04, which is planned for next month. The 1st RSA compliance report which was prepared in Dec-2020 has been complied by UPG-01, UPG-03 and UPG-04 EPC Contractors.
- PMC has submitted all volumes of technical designs, EIA and SIA documents of DPR of phase-II roads including Missing link incorporating all comments of Independent Reviewer/Consultant of EIA, SIA.
- Monitored and supervised the progress on EPC Contracts to ensure scheduled achievement of milestone III for UPG-01, Milestone- II for UPG-03, and Milestone III for UPG-04 with quality standards in accordance with the contract agreement.
- UPG-02 O&M period commenced on 1st November 2020. Regular monitoring is being done to keep the road safe and secure for road users.
- PMC/ AE Participated in Safety Week awareness programme at all EPC Contract packages.

- All the Contractors have carried out periodic pollution monitoring in accordance with the contract. Pollution Test Reports found within permissible limits.
- PMC/ AE visited all EPC Contract Packages and finalized the Tree Plantation stretches and locations for constructions of Rainwater Harvesting.
- CPRs structures relocation sites finalized for all three EPC Contracts and contractors started construction work for relocating.
- As part of obligations under Part C, following tasks have been carried out or are under implementation::
  - IRAP survey data has been incorporated in Phase-I DPR;
  - Independent RSA findings have been implemented in UPG-02;
  - ECORYS GAC recommendations have been incorporated in Phase-II design
  - Construction Stage Safety Audits: All three stages completed for UPG-2 Garautha-Chirgaon; One audit completed for each EPC ongoing Projects. Compliance report from the Contractors has been received and sent to the UPPWD.
  - Provided training at PWD, Jhansi from 18-March-2021 to 19- March-2021 and PWD, Sitapur on 26-March-2021
  - Quality Management Procedure Manual shared with PWD for Phase- I and for Phase -II is planned to be submitted by 31st July 2021
  - Project Launch Workshop was planned around mid March 2020 but due to Covid-19 it was cancelled; Mid-Term & other workshops will be implemented in consultation with PWD & WB.

## 8. Annexure 1: Status of Phase 2 Roads

S.No .	Name of Road	Moradabad-Ha ridwar-Dehrado n (Km 0.000- Km 36.000) - 4 Lane	Garh-Syana-Bu landshahar (Km 0.000- Km 49.500)	Bahraich-Gond a-Faizabad (Km 50.500 - Km 65.600)	Hamidpur-Kuc hesar Road Hamidpur via Badshahpur 2 Lane (0.000 to 47+500 m)	Bansi-Mehdawa l-Khalilabad (Km 0.000 - Km 32.000)
1	Road Category	SH-49	SH-65	SH-30	SH-100	SH-88
2	District	Moradabad	Bulandshahar	Bahraich-Gonda	Gautam Budh nagar	Sant Kabir nagar, Siddharthnagar
3	Proposed length (km)	36.170	49.674	59.237	19.109	28.870
4	Estimated block/indicative Cost (In Cr)	314.480	489.690	336.380	106.300	186.480
5	Inception Report	Submitted on 27th Nov-2019				
Status of the DPR Works						
1	Structure Inventory Survey	Completed	Completed	Completed	Completed	Completed
2	Road Inventory and Road Conditioning survey	Completed	Completed	Completed	Completed	Completed
2a	Road inventory and Pavement Condition Data Compilation and Report Preparation	Completed	Completed	Completed	Completed	Completed
3	Topographical Survey	Completed	Completed	Completed	Completed	Completed
4	Topo Survey Report	Submitted	Submitted	Submitted	Submitted	Submitted
5	Traffic and Axle Load Surveys	Completed	Completed	Completed	Completed	Completed
5a	Traffic Data Analysis	Completed	Completed	Completed	Completed	Completed
5b	Traffic Report	Completed	Completed	Completed	Completed	Completed
6	Pavement Material Investigations	Completed	Completed	Completed	Completed	Completed
7	Falling Weight Deflector meter Test	Completed	Completed	Completed	Completed	Completed
8	Pavement Design Report	Completed	Completed	Completed	Completed	Completed
9	Social Impact Analysis	Completed				
9a	Revenue Map Collection Concern Project	Collected	Collected	Collected	Collected	Collected
10	Environmental Surveys	Completed				
10a	Environmental Impact Assessment Parameter Collection	Completed	Completed	Completed	Completed	Completed
11	Environmental Impact Assessment	Being revised as per WB comments	Being revised	Under IER Consultant Review	To be Submitted	Under IER Consultant Review
13	Alignment Designs	Completed	Completed	Completed	Completed	Completed
14	Geotechnical Investigation	Completed	Completed	Completed	Completed	Completed
15	Structure Design	Submitted	Submitted	Submitted	Submitted	Submitted
16	Highway Design and Drawings preparation	Submitted	Submitted	Submitted	Submitted	Submitted
17	Rate analysis and Cost Estimation	Submitted	Submitted	Submitted	Submitted	Submitted
18	Detailed Design Report (DPR)	DPR Submitted	DPR submitted	DPR submitted	DPR submitted	DPR submitted
20	Revised SIA and EIA	To be submitted	To be submitted	Submitted	To be submitted	Submitted
21	Drawings and Bidding Documents	To be submitted	To be submitted	Submitted	To be submitted	Submitted



9.

## 10. Annexure 2: List of Grievances

Sl. No	Name and address of aggrieved party/ individual	Description of complaint	Date of registration of complaint	Date of completion of hearings by GRC	Description of decision of GRC	Remarks (If any)
<b>UPG 01</b>						
1	Abhishek Tiwari R/O Muskura Hamirpur	Demand for divider in urban area of Pauthiya, Chhani, Birar and Muskara.	07.12.2019	13.12.2019	Replied vide Chief Engineer Egis letter no. 636/2019. As per design there is no provision of divided carriageway due to unavailability of land on these urban areas	Closed
2	Uttam Singh R/o Gram Khdehikdhi	Demand for culvert	22.01.2020	06.02.2020	Already a hume pipe is available just 230 mtr of the demanding location. As per our Sr. Bridge Design Engineer inspection it is not required.	Closed
3	OM Narayan R/o Pauthiya	Change of center line of road in village Pauthiya	22.01.2020	06.02.2020	Mr. Om Narayan house is on LHS side of the existing road, i.e center line is deviating 0.350 m opposite side of his house. Hence, complaint is not found appropriate and genuine.	
4	Bhupendra Kumar R/o Bhihumi Khund	Convert at Ch. 57 + 500 km has been closed resulting water logging	22.01.2020	06.02.2020	As per our Sr. Bridge Engineer inspection the demand location of Ch. 577500 has been replaced by Ch. 577890 for widening of existing arch culvert for discharge the rain water to avoid flooding of near by habilitation and farms.	
5	Rajendra Singh Bhanauri Villages (ADM letter 744/2019)	Complaint for culverts by Dhanauri Villagers	01.02.2020	08.02.2020	Culvert constructed	Closed
6	Executive Engineer, WB division P.W.D Jhansi	Demand for Construction of drains in village Chilli	18.01.2020	13.02.2020	Repairing and rehabilitation of existing drain and hume pipe are sufficient to resolve the water logging issue (ref. Egis letter no. 210)	Closed
7	Executive Engineer, WB division P.W.D Jhansi letter no. 1018	Complaint by shri Arvind Kumar mob. 9695005307 Ram kishore pal - 9621277743 Ashis Kumar Gupta - 8175827517	15.02.2020	14.02.2020	Demand of culvert 13 + 900 is not found appropriate and genuine. Already a box culvert is available just 05 mtr ahead of the suggested	Closed

					location.	
8	Executive Engineers WB division letter no. 1104	Demand for utility pipe at ch. 18 + 800	03.08.20 20	04.03.20 20	Contractor instructed for laying utility duct at location 18+960.	Closed
9	Executive engineer WB Division Jhansi letter no. 1128	Complaint Shri Nirpal Singh mobile no. 7905429224	17.08.20 20	20.03.20 20	Demand of culvert 48+480 found genuine. Contractor instructed for laying utility duct.	Closed
10	Pankaj Shukla post chilli Thana Musker road	Demand for utility duct ch. 41+000	16.03.20 20	19.06.20 20	Replied to Executive Engineer. Culvert constructed at the location.	Closed
11	Executive Engineer WB Division Jhansi letter no. 53/A	Demand for culvert of village Swara Khurd by Shree Sarvesh Kumar Pune Pradhan.	06.07.20 20	08.07.20 20	Demand of culvert 19+380 found genuine. Contractor instructed for laying double row utility duct.	Closed

Sl. No	Name and address of aggrieved party/ individual	Description of complaint	Date of registration of complaint	Date of completion of hearings by GRC	Description of decision of GRC	Remarks (If any)
<b>UPG 02</b>						
1	Jwahr Lal Rajpoot, MLA	1. Construction of Culvert at Gursarai Town Zone and construction of Approach road will be 100 m high from ground level. Due to this, the way of villagers will be blocked and Rain water will stagnate in front of their house. Request to construct service lane for villagers go to their farm and also construct Pakka Drain for rain water drainage. 2. Construction of New Culvert at Existing Culvert for smoothly flow for rain water. 3. Construction of Four Lane with Divider at Gursarai and Garautha Urban Area for Smooth Traffic. 4. Construction of Road near Khillabari Village to avoid accident. 5. Widening and Improvement of Road at Sultanpura Village for Smooth Traffic and	27.05.20 19	04.06.20 19	Resolved. Road constructed at Sultanpura Village for Smooth Traffic and Safety.	Closed

		Safety.				
2	Mr. Subodh Kumar S/o Ramesh Kumar	Non Payment of Borrowed Soil by the Contractor	18.06.2019	02.07.2019	Resolved with the Contractor.	Closed
3	Mr. Subodh Kumar S/o Ramesh Kumar	Non Payment of Borrowed Soil by the Contractor	19.06.2019	12.07.2019	Resolved with the Contractor.	Closed
4	Mr. Sohan Lal	Demand for Construction of T-Junction for the Road going to Tehrauli from Bangra-Bangri	13.07.2019	29.07.2019	Provision incorporated	Closed
5	Mr. Pramod Kumar	Assess the Feasibility for Construction of Drain	13.08.2019	07.09.2019	Provision incorporated	Closed
6	Mr. Matadeen, Gram Pradhan	Request for Construction of Drainage in Village Rampura due to stagnant water near School and House	17.10.2019	24.10.2019	Provision incorporated. Yet to be constructed	Closed
7	Principal, St, Mary School, Gursarai	Demanded construction of Speed Breaker near St Mary School, Gurasrai, for Safety of Children.	13.12.2019	18.12.2019	Resolved. Speed Breaker constructed	Closed
8	Local Resident, Garautha	Arrangement of Shiv Temple, Construction of Junction, Construction of Drain for Water, Construction of Footpath with Road level Pedestrian crossing.	06.03.2020	07.03.2020	Resolved. Temple Constructed	Closed
9	Mr. Brajbhan R/o Adjar District	Demanded for Construction of Speed Breaker in Adjara Village Portion	01.06.2020	02.06.2020	Resolved. Speed Breaker constructed	Closed

Sl. No	Name and address of aggrieved party/ individual	Description of complaint	Date of registration of complaint	Date of completion of hearings by GRC	Description of decision of GRC	Remarks (If any)
UPG 03						
1	Shivam Rathore, Mohammadi	Pot holes	30.06.2020	01.07.2020	Rectified	Closed
2	Amanjeet, Reyaria	Earth filling on the connected village road	07.07.2020	08.07.2020	labeling done by the contractor	Closed
3	Shri Ajijullah Khan, village Maheshpur, through SDM (Tahseel Gola Gokarnath, District Lakhimpur-Kheri)	Requested to construct the Culvert because of heavy water flow at Km 11+280	11.06.2020	06.07.2020	Resolved. Report already conveyed by telephone to AE & EE on 06/08/2020. Provision incorporated in the design which is to be implemented soon	Closed

4	Sri Brijendra Kumar Patel, Village head-Pareri, through AE, Circle-3 (WB), PWD Sitapur,	Requested to construct the drainage on both side of the road in Bagchan situated in ch. 8 and 9	17.07.2020	29.07.2020	Resolved. After inspection of site AE reported to Authority, ref: Egis India/RE UPG-03/UPCRNDP/252/2020. Report already conveyed by telephone to AE & EE on 06/08/2020. Still to be constructed	Closed
5	Madanpal, Pramod, Resident of Sahibganj Grant, through SDM, Mohammadi- Kheeri	Requested for construction of culvert with raised height at km 14+450	11.06.2020	15.07.2020	After inspection of site AE reported to Authority, ref: Egis India/RE UPG/UPCRNDP/221/2020; after EE send to SDM, ref: 297/UPCRNDP/UPG-03/2018/2020. The request incorporated which is still to be implemented	Closed
6	Shri Suresh Khanna, Honorable Minister Finance, Parliamentary Affairs and Medical Education and village residents	Construction of Drain at village Panchayat Japnapur in Gola - Shahjahanpur Mohammadi Shahjahanpur (SH-93) on chainage km 50+240 to km 51+000.	23.09.2020	15.10.2020	Shri Suresh Khanna, Honorable Minister Finance, Parliamentary Affairs and Medical Education has requested ref. letter no. 368/UPCRNDP/UPG. After taking action by RE vide letter no. Egis India/RE UPG-03/UPCRNDP/274/2020 and accepted by Authority, CoS issued to the contractor by RE vide letter no. Egis India/RE UPG-03/UPCRNDP/277/2020. Still to be constructed	Closed

Sl. No	Name and address of aggrieved party/ individual	Description of complaint	Date of registration of complaint	Date of completion of hearings by GRC	Description of decision of GRC	Remarks (If any)
<b>UPG 04</b>						
1	Yogendra Singh/ Villagers of atrasi village	Construction of drain in atrasi village	06.03.2020	15.04.2020	Provision incorporated which has been constructed	Closed
2	Yogendra Singh/ DM Sambhal	Maintenance of road during construction	12.06.2020	30.07.2020	AE letter No Egis India/ LKO/ UPCRNDP/ 2020/ 872. Grievance submitted to EE by DM Sambhal. Traffic management done	Closed
3	Yogendra Singh/ DM Sambhal	Regarding height of drain	20.06.2020	05.07.2020	The Deputy Commissioner conveyed that it is not feasible to increase height of the drain due to technical reason	Closed

4	Yogendra Singh executive engineer/Umesh Mishra DM Aamroha	Raising of road in Hasanpur & Gajraula section	22.07.20 20	15.08.20 20	MOM send to GAWAR by letter no. Egis India/ RE/UPG-04/ UPCRNDP/ 186/ 2020 dated 30.07.2020. The raising on these two settlement is technically not feasible	Closed
5	Yogendra Singh executive engineer/Umesh Mishra DM Aamroha	Traffic safety & Potholes and patch repair	24.07.20 20	15.08.20 20	Maintenance of the road where construction is going on is being done by the contractor	Closed
6	Yogendra Singh executive engineer	Dust control measure and proper maintenance of road	11.08.20 20	07.09.20 20	The contractor has been directed to take necessary action to reduce dust generation and for proper maintenance of the road	Closed

**Annexure 3: Avenue Plantation Plan****UPG-01: Hamirpur-Rath road SH-42: Jointly Inspected on 10th & 11th March-2021**

S. No.	Design Chainage		Side	Length (m)	Plantation strategy - As per CA number of Plants @ 3m C/C		
	Start	End			No of Rows w.r.t Selected side	Available linear length (in Rm) for Plantation	Proposed No of Trees
1	4.175	5.275	BHS	1100	2	2200	733
2	6.025	7.7	BHS	1675	2	3350	1116
3	11.325	13.6	BHS	2275	2	4550	1515
4	14.2	16	LHS	1800	1	1800	599
5	23	25	BHS	2000	2	4000	1332
6	36	40.3	BHS	4300	2	8600	2864
7	42	46.4	BHS	4400	2	8800	2930
8	55.225	57.885	BHS	2660	2	5320	1772
9	64.9	65.944	BHS	1044	2	2088	695
10	68.8	73.9	BHS	5100	2	10200	3397
<b>Total Available Length &amp; proposed number of Trees for Plantation</b>				<b>26354</b>		<b>50908</b>	<b>16952</b>

**UPG-03: Gola-Shahjahanpur road SH-93: Jointly Inspected on 1st March-2021 to 5th March-2021**

S. No.	Design Chainage		Proposed Locations for Tree plantation				Plantation strategy - As per CA number of Plants @ 3m C/C (Number of Trees Planned for Sapling)		
	Start	End	Side	Length (m)	No. of sides	Available linear length (in Rm) for Plantation	Trees in 1st Row	Trees in 2nd Row	Total Trees
1	22.6	23.2	BHS	600	2	1200	400		400
2	24.3	24.75	BHS	450	2	900	300		300
3	36.2	37.5	BHS	1300	2	2600	866		866
4	37.88	41.5	LHS	3620	2	7240	2411		2411
5	41.5	41.7	BHS	200	2	400	133	133	266
6	41.7	43.4	BHS	1700	2	3400	1132		1132
7	46.45	46.75	BHS	300	2	600	200		200
8	47.9	49.15	BHS	1250	2	2500	833		833
9	51.35	52.05	BHS	700	2	1400	466	466	932
10	52.05	52.2	BHS	150	2	300	100		100
11	52.2	53	RHS	800	1	800	266		266
12	53	53.45	BHS	450	2	900	300		300
13	53.45	54.6	BHS	1150	2	2300	766	766	1532
14	55.3	55.75	BHS	450	2	900	300	300	599

15	56.15	57.15	LHS	1000	1	1000	333		333
16	56.75	57	RHS	250	1	250	83		83
<b>Total Available Length &amp; proposed number of Trees for Plantation</b>				<b>14370</b>		<b>26690</b>	<b>8888</b>		<b>10553</b>

**UPG-04: Badaun-Bilsa-Bijnour SH-51: Jointly Inspected on 10th & 11th March-2021**

Details are under re-verification and preparation by the Contractor's team as along the Project corridor at various locations Nursery and Orchids (especially for Mango) exist. Therefore, it is required to reexamine the proposed sites for better survival of proposed Avenue Plantation. The final list will be shared with Client ASAP.

**11. Annexure 4: Scarified Materials Re-utilization**

S. No.	Package	Project Road Chainage			Scarified Materials Quantity in Cum				
		Start Ch.	End Ch.	Proposed Length	Estimated Qty.	Reused Qty. as RAP	Reused Qty. as per CA-EMP	Stock Pile Qty	Qty. at Road Site
1	UPG-01 Hamirpur-Rath	2.065	74.255	72.785	18770	0	11262	7508	0
2	UPG-02 Garautha-Chirgaon	118.6	167.745	49.145	4235	0	4235	0	0
3	UPG-03 Gola-Shahjahanpur	1.28	58.58	57.535	16961	11269	200	5452	40
4	UPG-04 Badaun-Bilsi-Bijnour	58.4	137.82	79.125	28350	18848	135	8867	500
<b>Total</b>				<b>258.59</b>	<b>68316</b>	<b>30117</b>	<b>15832</b>	<b>21827</b>	<b>540</b>



**12. Annexure 5: Fly Ash Utilization Status**

Package	Estimated Qty.		Contractor's Progress Status	
	Qty. (Cum)	Identified Nearest Source	Used Qty. (Cum)	Remarks
UPG-01 Hamirpur-Rath	0	NA	NA	NA
UPG-02 Garautha-Chirgaon	19000	Panki-Kanpur Thermal Power Plant	17367	Project Completed; Optimally used
UPG-03 Gola-Shahjahanpur	24180	Reliance ROSA Thermal Power Plant	NA	NO Surplus Fly Ash available; Correspondences between Client/Thermal Power Plant/PMC & Contractor is documented.
UPG-04 Badaun-Bilsi-Bijnour	12860	NTPC-Dadari; UPRVUNL-Harduaganj;	0	Obsolete; Correspondences between Client/PMC & Contractor is documented
<b>Total</b>	<b>56040</b>		<b>17367</b>	<b>38673</b>
<b>NOTE:</b>	UPG-04: It was provided to use in realignment approaches of New Bridge Construction at Ch.120+468 & Ch.130+021; Now bridge construction has planned on existing alignment hence embankment filling is not required. The World Bank concern for proper documentation of correspondences is complied.			

**13. Annexure 6: Rain Water Harvesting**

Package	RWH As per Contract Provision		Contractor's Progress Status		Remarks
	Estimated nos.	Approved nos.	Drawing Approval	Completed	
UPG-01 Hamirpur-Rath	162	121	Approved	NIL	Joint Verification done on 10th & 11th March-2021.
UPG-02 Garautha-Chirgaon	25	25	Approved	25	Performance will be monitored during coming monsoon season
UPG-03 Gola-Shahjahanpur	137	114	Approved	NIL	Joint Verification done on 1st to 5th March-2021.
UPG-04 Badaun-Bilsi-Bijnour	144	122	Approved	NIL	Joint Verification done from 17-03-21 to 20-03-21
<b>Total</b>	<b>468</b>	<b>382</b>	<b>0</b>	<b>25</b>	

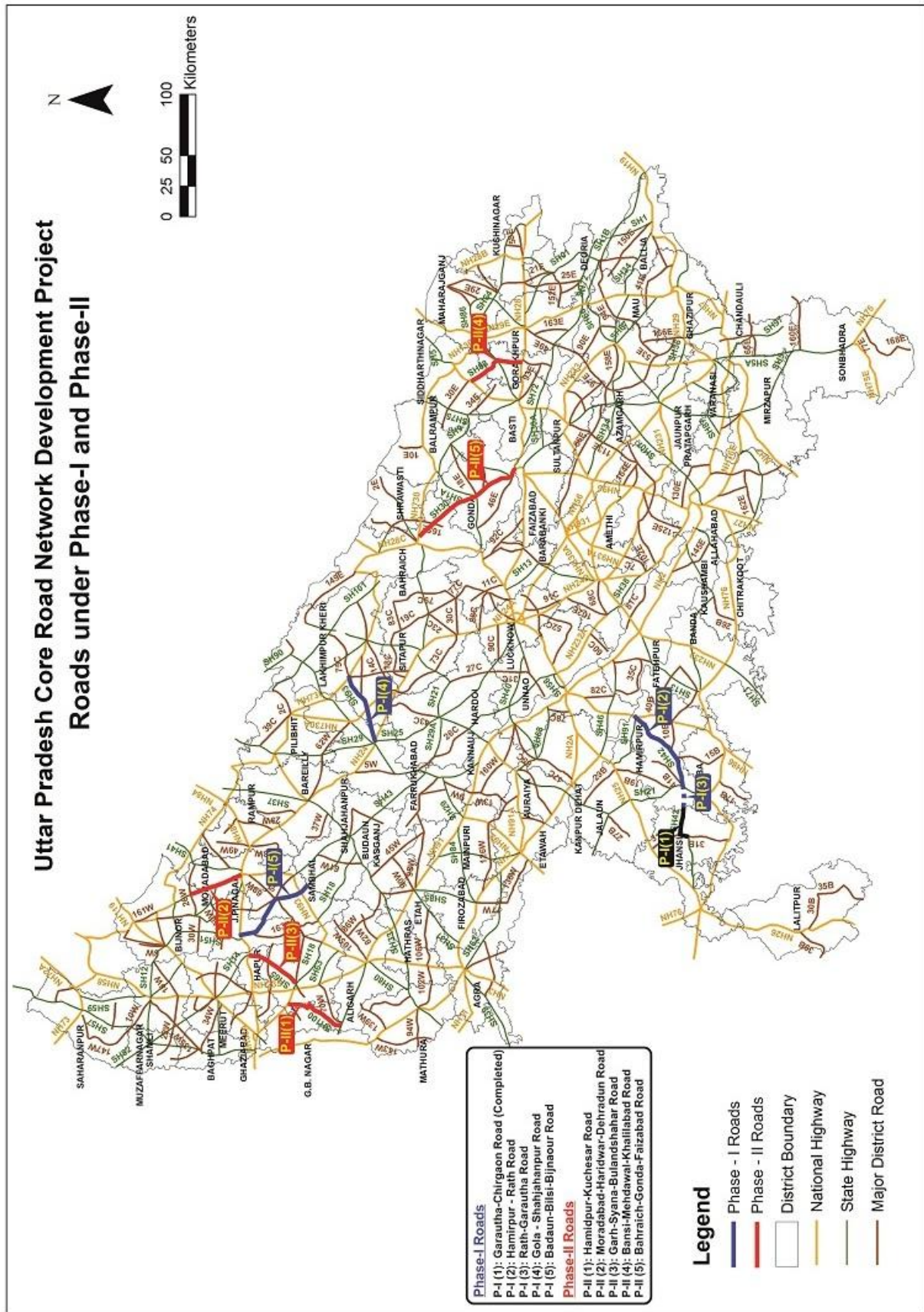
**14. Annexure 7: Grievance Redress Committee Members**

Nominated in GRC	Designation /Organization	Name	Contact No.	E-mail
<b>PIU – Jhansi, Package:- Hamirpur to Rath (UPG I)</b>				
Chairman	EE, Jhansi, UP PWD	A. K. Diwakar	8005018828	worldbankpwdjhansi@gmail.com
Member	Env Expert, ESDC/UPPWD	Dr. Seema Srivastav	8887896070	drseema.esdcpwd@gmail.com
Member	AE Jhansi, UP PWD	Vijay Singh	9415369039	worldbankpwdjhansi@gmail.com
Member	Resident Engineer, PMC	Jawahar Singh	8077987221	Jawahar.s@egis-india.com
Member	Project Manager,	Sajaudeen Khan	9116706786	sajaudeenkhan@gmail.com
Member	NGO			
<b>PIU – Jhansi, Package:- Garautha to Chirgaon (UPG II)</b>				
Chairman	EE, Jhansi, UP PWD	A. K. Diwakar	8005018828	worldbankpwdjhansi@gmail.com
Member	Env Expert, ESDC/UPPWD	Dr. Seema Srivastav	8887896070	drseema.esdcpwd@gmail.com
Member	JE, Jhansi, UP PWD	V. K. Tiwari	9415306392	worldbankpwdjhansi@gmail.com
Member	Resident Engineer, PMC	R.K. Srivastava	8178720628	rajeshkumar.s@egis-india.com
Member	Project Manager,	Raajiv Choudhary	9650155600	raajiv.choudhary@nkcproject.com
Member	NGO			
<b>PIU – Sitapur, Package:- Gola Sahjanpur (UPG III)</b>				
Chairman	EE, Sitapur, UP PWD	Sushil Kumar Gautam	9451413841	eewbsitapur@gmail.com
Member	Env Expert, ESDC/UPPWD	Dr. Seema Srivastav	8887896070	drseema.esdcpwd@gmail.com
Member	AE, Sitapur, UP PWD	Ajay Kumar	9415848196	eewbsitapur@gmail.com
Member	Resident Engineer, PMC	Anjani Kumar	7905422088	anjani.k@egis-india.com
Member	Project Manager,	Sant Lal Maurya	7897002115	slmaurya@apcoinfra.com
Member	NGO			
<b>PIU – Moradabad, Package:- Badaun to Bilsa (UPG IV)</b>				
Chairman	EE, Moradabad, UP PWD	Yogendra Singh	9452329327	eewbmbd@gmail.com
Member	Env Expert, ESDC/UPPWD	Dr. Seema Srivastav	8887896070	drseema.esdcpwd@gmail.com
Member	JE, Moradabad, UP PWD	Prinsi Tyagi	8588893873	eewbmbd@gmail.com
Member	Resident Engineer, PMC	Deepak Kumar	8210308285	deepak.k3@egis-india.com
Member	Project Manager,	Vivek Sharma	9897375150	gawargajraula@gmail.com
Member	NGO			

**15. Annexure 8: Important Meetings**

DATE	ATTENDED BY	DESCRIPTION
04.01.2021	Team Leader at PWD Office	Review Meeting regarding status of Phase- I & II Roads, with Principal Secretary, UPPWD.
03.02.2021	Team Leader at PWD Office	Presentation on Green Corridor – Proposal of Green Highway components for UPCRNDP Roads
05.02.2021	Meeting with UPG-03 RE, Project Manager of Gola- Shahjahanpur Road and PWD Staff.	Meeting regarding Shahjahanpur Road
22.02.21 to 25.02.21	2nd Support Mission by World bank – Virtual Progress Review Meeting: Team Leader and All Key Experts/UP PWD/Contractors.	Webex Meeting for Phase-I and Phase-II Road, Including Environment, Social, Safety, Quality and PMIS.
05.03.2021	Team Leader at PWD Office	Progress Review Meeting Chaired by Engineer-in-Chief (R&R)
08.03.2021	Team Leader and REs (UPG-01,03,04)	Discussion regarding COS with SE, PWD Lko at UPPWD office
17.03.2021	PWD Office Jhansi	Mr. Alok Kumar Sinha visited PWD office of Jhansi to provide training on Quality Management system
22.03.2021	PWD Office Sitapur	Mr. Alok Kumar Sinha visited PWD office of Sitapur to provide training on Quality Management system
23.03.2021	Team Leader, REs (UPG-01, 03,04), Social Expert and Environment Expert	Review Meeting of PMC progress, presented by all REs, social Expert and Environment expert.
25.03.2021	Team Leader, PWD Staff and Contractors	Virtual Road Safety training/Workshop by Road Safety Auditor of Egis, Mr. Bhushan Kumar Marigala.

## 16. Annexure 9: Core Road Network Map



## 17. Annexure 10: Project Organisation Chart

