



**PUBLIC WORK DEPARTMENT, GOVERNMENT OF U.P.**



**PRESENTATION TO PRINCIPAL SECRETARY,  
UPPWD FOR UTTAR PRADESH CORE ROAD  
NETWORK DEVELOPMENT PROJECT  
(UPCRNDP)**

**CHIEF ENGINEER, EXTERNALLY AIDED PROJECTS, UP-PWD**

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- **SELECTION OF ROADS FOR WORLD BANK LOAN**
- **MONITORING/ APPROVAL STRUCTURE OF WORLD BANK**

# **OVERVIEW OF UPCRNDP PROJECT**

# MAP LOCATION FOR PHASE-1 & PHASE-2 ROADS UNDER UPCRNDP :

Uttar Pradesh Core Road Network Development Project  
Roads under Phase-I and Phase-II



0 25 50 100  
Kilometers

### Phase-I Roads

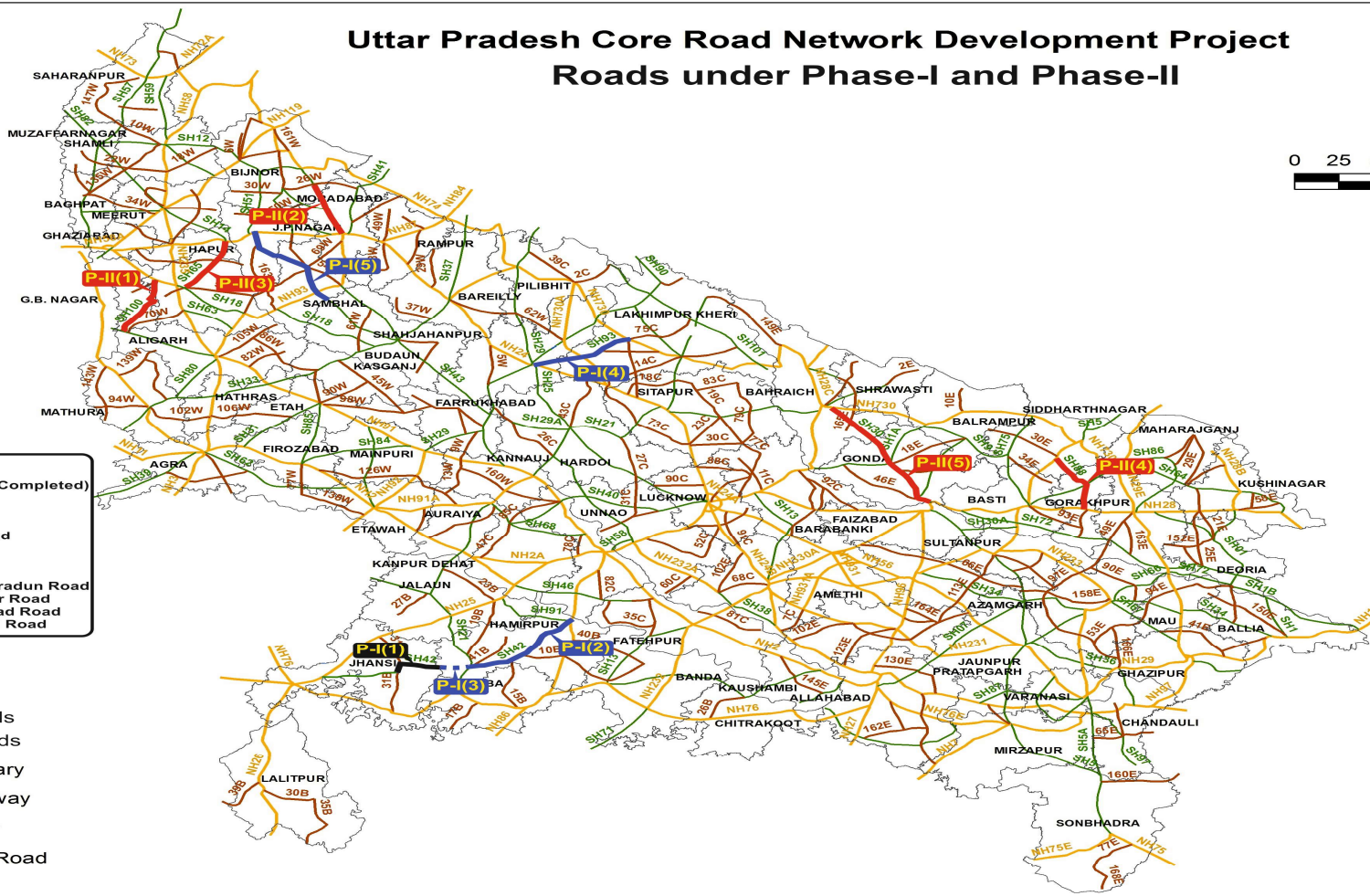
- P-I (1): Garautha-Chirgaon Road (Completed)
- P-I (2): Hamirpur - Rath Road
- P-I (3): Rath-Garautha Road
- P-I (4): Gola - Shahjahanpur Road
- P-I (5): Badaun-Bilsi-Bijnour Road

### Phase-II Roads

- P-II (1): Hamidpur-Kuchesar Road
- P-II (2): Moradabad-Haridwar-Dehradun Road
- P-II (3): Garh-Syana-Bulandshahar Road
- P-II (4): Bansi-Mehdawal-Khalilabad Road
- P-II (5): Bahraich-Gonda-Faizabad Road

### Legend

- Phase - I Roads
- Phase - II Roads
- District Boundary
- National Highway
- State Highway
- Major District Road



# OVERVIEW-UPCRNDP

**LOAN NEGOTIATION :- 27 FEBRUARY 2019**

**(IN PRESENCE OF REPRESENTATIVE OF PWD , TRANSPORT AND HOME (POLICE) DEPARTMENTS)**

**LOAN SIGNING :- OCTOBER, 2019**

**LOAN COMPLETION :- JUNE, 2025**

**PHASE-I PROJECT COMPLETION DATE :- 31.03.2022**

**PROJECT SIZE :- 500 MILLION US\$ (Original 570 MILLION US\$)**

**WB LOAN :- 330 MILLION US\$ (Original 400 MILLION US\$)**

**GOUP SHARE :- 170 MILLION US\$**

**RATE OF INTEREST :- 0.25% (VARIABLE SPREAD RATE, BASED ON LIBOR REFERENCE RATE) +  
0.90% (REFERECE RATE) = 1.15% (NET LENDING RATE)**

**LOAN FRONT END FEE :- 0.25 % OF LOAN AGREEMENT.**

**COMMITMENT CHARGE :- 0.25% ON THE UNWITHDRAWN LOAN BALANCE.**

# PHASE-II CRITICAL ACTIVITIES

| S.NO. | DETAILS OF WORK                                       | PRESENT STATUS   | TENTATIVE TARGET DATES    |
|-------|---|--|---------------------------|
| 1.    | RATH – GARAUTHA ROAD (MISSING LINK) (SH-42)           | # RFB Published on Date 16-April-2022,<br># Scheduled Bid Opening Date 31-May-2022.  | Agreement August, 2022    |
| 2.    | BANSI-MEHDawal-KHALILABAD (SH-88)                     | # RFB Published on Date 18-April-2022,<br># Scheduled Bid Opening Date 03-June-2022.   | Agreement August, 2022    |
| 3.    | BAHRAICH-GONDA-FAIZABAD (SH-30)                       | # The Government of Uttar Pradesh has given administrative and financial approval to the project.<br># Bid Documents are under approval from WB. | Agreement September, 2022 |
| 4.    | MORADABAD-HARIDWAR-DEHRADUN (SH-49)                   | # Estimate send to UP Government on dated 29.04.2022.<br># Under administrative and financial approval of Government of Uttar Pradesh.           | G.O. by June, 2022        |
| 5.    | GARH-SIYANA-BULANDSHAHR ROAD (SH-65)                  | # Estimate send to UP Government on dated 30.04.2022.<br># Under administrative and financial approval of Government of Uttar Pradesh.           | G.O. by June, 2022        |
| 6.    | HAMIDPUR-KUCHESAR ROAD (SH-100)                       | # Estimate send to UP Government on dated 22.04.2022.<br># Under administrative and financial approval of Government of Uttar Pradesh.           | G.O. by June, 2022        |
| 7.    | SELECTION OF AUTHORITY ENGINEER, PHASE-II             | #TEC Evaluation Done on 23-April-2022 now Bids are under PSC Approval.   | Agreement July, 2022      |
| 8.    | SELECTION OF PMC FOR ROAD SAFETY ACTIVITIES           | # RFP issued on Date 12-May-2022,<br># Scheduled Bid Opening Date 03-June-2022   | Agreement August, 2022    |
| 9.    | EXTERNAL EVALUATION CONSULTANT FOR RAP IMPLEMENTATION | # Technical Bid open on dated 04 May 2022.<br># Under TEC Evaluation   | Agreement August, 2022    |

# COMPONENTS

**COMPONENT 1 - NETWORK IMPROVEMENT –**  
**TOTAL COST :- US\$ 411 MILLION**

**COMPONENT 2 - INSTITUTIONAL STRENGTHENING OF UP PWD –**  
**TOTAL COST :- US\$ 3.00 MILLION**

**COMPONENT 3 - ROAD SAFETY –**  
**[PWD + TRANSPORT + POLICE (HOME)]**  
**TOTAL COST :- US\$ 85.00 MILLION**

**COMPONENT 4 - CONTINGENT EMERGENCY RESPONSE COMPONENT(CERC)-**  
**TOTAL COST :- US\$ 0.00 MILLION**  
**FRONT END FEES- TOTAL COST :- US\$ 1.00 MILLION**

## **COMPONENTS *Budget / Cost (US\$, millions):***

| <b>Component Name</b>                | <b>Total Cost<br/>(US\$, millions)</b> | <b>Financing by IBRD<br/>(US\$, millions)</b> | <b>By UP State Govt.<br/>(US\$, millions)</b> |
|--------------------------------------|--|---|---|
| <b>Network Improvement</b>           | <b>411.00</b>                          | <b>285.20</b>                                 | <b>125.80</b>                                 |
| <b>Institutional Strengthening</b>   | <b>3.00</b>                            | <b>2.10</b>                                   | <b>0.90</b>                                   |
| <b>Road Safety</b>                   | <b>85.00</b>                           | <b>41.70</b>                                  | <b>43.30</b>                                  |
| <b>Contingent Emergency Response</b> | <b>0.00</b>                            | <b>0.00</b>                                   | <b>0.00</b>                                   |
| <b>Front End Fee</b>                 | <b>1.00</b>                            | <b>1.00</b>                                   | <b>0.00</b>                                   |
| <b>Total Cost (US\$, millions)</b>   | <b>500.00</b>                          | <b>330.00</b>                                 | <b>170.00</b>                                 |

***ROAD SAFETY COMPONENT IS CO-ORDINATED TASK WHICH IS TO BE DELIVERED BY TRANSPORT DEPARTMENT, HOME DEPARTMENT AND PUBLIC WORKS DEPARTMENT:***

| <b>Subcomponent of Road Safety</b>                        | <b>Total Cost<br/>(US\$, millions)</b> | <b>Financing by IBRD<br/>(US\$, millions)</b> | <b>By UP State Govt.<br/>(US\$, millions)</b> |
|---|--|---|---|
| <b>3A: Road Safety Initiative by Home/Police</b>          | <b>41</b>                              | <b>4.60</b>                                   | <b>36.40</b>                                  |
| <b>3B: Road Safety Initiative by Transport Department</b> | <b>14</b>                              | <b>7.10</b>                                   | <b>6.90</b>                                   |
| <b>3C: Road Safety Initiative by PWD</b>                  | <b>30</b>                              | <b>30.00</b>                                  | <b>0.00</b>                                   |
| <b>Sub-component – Total Cost (US\$, millions)</b>        | <b>85</b>                              | <b>41.70</b>                                  | <b>43.30</b>                                  |



# **TASK UNDER UPCRNDP PROJECT**

## **1. NETWORK IMPROVEMENT :-**

### **PHASE-I ROADS**

**FOUR ROADS OF LENGTH 258.34 KM COMPLETED & UNDER 5 YEAR MAINTAINCE BY THE CONTRACTOR. PMC SHALL SUPERVISE THE MAINTENANCE WORKS.**

### **PHASE-II ROADS**

**SIX ROADS OF LENGTH 229.402 KM SELECTED FOR DEVELOPMENT**

### **ROAD SAFETY ENHANCEMENT:**

**PREPARATION OF THE DETAILED PROJECT REPORT (DPR) WITH GREATER EMPHASIS ON INCORPORATING ROAD SAFETY FEATURES IN THE ROAD DESIGNS, PARTICULARLY FOCUSING ON IMPROVING THE SAFETY OF VULNERABLE ROAD USERS.**

**THE PROJECT WILL SUPPORT A PROGRAM OF TRAINING AND CAPACITY BUILDING FOR PWD STAFF ON, INTER ALIA, CONTRACT MANAGEMENT, SOCIAL AND ENVIRONMENTAL SAFEGUARDS, CLIMATE RESILIENT ROAD DESIGNS, ROAD SAFETY, INCLUDING ATTENDING INTERNATIONAL AND/ OR DOMESTIC TRAINING COURSE, WORKSHOPS, INTERNATIONAL EXPOSURE VISITS, AND KNOWLEDGE EXCHANGES.**

# TASK UNDER UPCRNDP PROJECT

## 2. INSTITUTIONAL STRENGTHENING OF PWD :-

### 1. ASSET MANAGEMENT

- a) ASSET MANAGEMENT CELL HAS BEEN CREATED IN UPPWD UNDER CHIEF ENGINEER, HQ-1.
- b) INDIVIDUAL CONSULTANT HAS BEEN HIRED AND DELIVERING SERVICES TO STUDY THE PRESENT ASSETS MANAGEMENT OF UPPWD & SHALL SUGGEST NEW PRACTICES FOR BETTER PLANNING AND PRIORITIZATION OF INVESTMENTS.
- c) OPERATIONALIZATION OF RAMS INTEGRATED WITH GIS DATABASE IS TO BE DONE.

### 2. VULNERABILITY ASSESSMENT

- a) CLIMATE VULNERABILITY CRITERIA TO BE USED WHEN PRIORITIZING INVESTMENTS VIA ROAD ASSET MANAGEMENT SYSTEM & BRIDGE MANAGEMENT SYSTEM TO INSURE ASSESSMENT OF THE VULNERABILITY OF THE CORE ROAD NETWORK IN UP TO CLIMATE CHANGE. TOR HAS TO BE SUBMITTED BY WB AND ACTION FOR PROCUREMENT OF CONSULTANT IS UNDER PIPELINE.

### 3. QUALITY MANAGEMENT (QM)

- a) ALREADY UPPWD IS TAKING THIS ASPECT IN ITS BUDGET PROPOSAL AS SUCH THIS COMPONENT IS NOT BEING ACTIVATED TILL NOW AND PROPOSED TO BE REQUESTED FROM WB TO RESTRUCTURE THIS COMPONENT FOR OTHER NECESSARY REQUIREMENT.

### 4. CAPACITY BUILDING OF PWD STAFF )

- a) ALREADY UPPWD IS TAKING THIS ASPECT IN ITS BUDGET PROPOSAL AS SUCH THIS COMPONENT IS NOT BEING ACTIVATED TILL NOW AND PROPOSED TO BE REQUESTED FROM WB TO RESTRUCTURE THIS COMPONENT FOR OTHER NECESSARY REQUIREMENT.

# TASK UNDER UPCRNDP PROJECT

## 3. ROAD SAFETY :-

### 3A: ROAD SAFETY INITIATIVE BY HOME/POLICE



1. ESTABLISHMENT OF UP HIGHWAY POLICE (UPHP)
2. SOCIAL MARKETING AND MEDIA CAMPAIGNS
3. MONITORING AND EVALUATION OF UPHP
4. CRASH DATA MANAGEMENT SYSTEM
5. CAPACITY BUILDING OF UPHP STAFF

### 3B: ROAD SAFETY INITIATIVE BY TRANSPORT DEPARTMENT



1. ROAD SAFETY CELL STRENGTHENING
2. MEDIA CAMPAIGNS
3. COMMERCIAL DRIVER TRAINING
4. VEHICLE INSPECTIONS
5. CAPACITY BUILDING OF TRANSPORT DEPARTMENT STAFF

### 3C: ROAD SAFETY INITIATIVE BY PWD



- a) ROAD INFRASTRUCTURE SAFETY IMPROVEMENT PROGRAMS
- b) RESEARCH
- c) CAPACITY BUILDING

# **SELECTION OF ROADS FOR WORLD BANK LOAN**

## **THE UP STRATEGIC CORE ROAD NETWORK MASTER PLAN**

➤ The Government of Uttar Pradesh (GoUP) has recognized to have an effective and efficient road network for economic growth. Accordingly, in 2013, the GoUP prepared a comprehensive 20-year transport Master plan and defined a Strategic Core Road Network (CRN) of 24,095 km.

| <b>SR. NO.</b>      | <b>ROAD TYPE</b> | <b>LENGTH OF ROADS</b> |
|---------------------|------------------|------------------------|
| 1.                  | NHs              | 7,550 km               |
| 2.                  | SHs              | 7,530 km               |
| 3.                  | MDRs             | 5,761 km               |
| 4.                  | ODR              | 3,254 km               |
| <b>TOTAL LENGTH</b> |                  | <b>24,095 km</b>       |

- On dated 21.05.2014, ENC (Rural)-list of 7 Roads sent to UP Government for approval.
- On continuation of ENC letter dated 21.05.2014, UP-Government approve 7 Roads on dated 27.05.2014, of roads for 30 % civil works(G.O.- 774/23-12-14-1179/13(R)).
- On dated 11.09.2014, in place of LIPULEKH-BHIDH ROAD(SH-29), BALRAMPUR-UTRAULA ROAD (SH-26) (Length-22Km cost-66 Cr.) selected. (G.O.-1336/23-12-14-1179/13(R)).
- On dated 19.09.2014, Inspection report submitted by PMC(Egis India Pvt. Ltd.).
- On dated 28.01.2015, UP-Government approve 6 Roads for 70 % civil works approved (G.O.- 1858/23-12-2014-4(sa)/12).

- **On August, 2015, Feasibility Report submitted by PMC(Egis India Pvt. Ltd.).**
- **On dated 15.02.2019, out of 13 Roads, 4 Roads are selected and government added 3 more roads under UPCRNDP Project on EIRR basis. So total selected 7 Roads for Feasibility study (G.O.-9/2019/242/23-12-19-88/15(R)).**
- **On dated 19.08.2019, Feasibility Report submitted by PMC(Egis India Pvt. Ltd.).**
- **On 27.08.2019, Total 10 Roads selected and approved by UPPWD on basis Feasibility Report & send for UP Government approval. (Letter No-1959/1-02/UPCRNDP/CEWB/2017).**
- **Along with these road PWD department also recommended to select BANSI-MEHDAWAL-KHALILABAD ROAD (SH-88) due to Buddha tourism importance. (Letter No-1959/1-02/UPCRNDP/CEWB/2017).**

➤ **At that time, Phase-I UP Government approved roads works were following :-**

| <b>SR. NO.</b> | <b>NAME OF ROAD</b>                | <b>LENGTH ( Km)</b> | <b>COST (Cr.)</b> |
|----------------|------------------------------------|---------------------|-------------------|
| 1              | HAMIRPUR-RATH ROAD (SH-42)         | 75.65               | 349.47            |
| 2              | GARAUTHA-CHIRGAON ROAD (SH-42)     | 50.00               | 227.17            |
| 3              | GOLA-SHAHJAHANPUR ROAD (SH-93)     | 57.30               | 418.48            |
| 4              | BADAUN-BILSI-BIJNAOUR ROAD (SH-51) | 79.40               | 419.92            |

➤ **Subsequently government approved Phase-II roads on dated 09.10.2019 (G.O.-1480/23-12-2019-88/15(R)).**

| <b>SR. NO.</b> | <b>NAME OF ROAD</b>                         | <b>LENGTH ( Km)</b> | <b>COST (Cr.)</b> |
|----------------|---|---------------------|-------------------|
| 1              | RATH – GARAUTHA ROAD (MISSING LINK) (SH-42) | 35.00               | 250               |
| 2              | BAHRAICH-GONDA-FAIZABAD (SH-30)             | 60.10               | 365               |
| 3              | BANSI-MEHDawal-KHALILABAD ROAD (SH-88)      | 32.00               | 193.10            |
| 4              | GARH-SIYANA-BULANDSHAHR ROAD (SH-65)        | 49.50               | 499.20            |
| 5              | MORADABAD-HARIDWAR-DEHRADUN (SH-49)         | 36.00               | 356.40            |
| 6              | HAMIDPUR-KUCHESAR ROAD (SH-100)             | 47.50               | 289.20            |

## **EVENTS SO FAR UNDER UPCRNDP-EAP**

|   |                   |
|---|-------------------|
| ➤ Approval in principle by Hon'ble Cabinet , GoUP for seeking Loan from World Bank  | <b>06.06.2013</b> |
| ➤ Approval by Screening Committee (DEA, GoI) for posing loan of 400 million US\$ to World Bank  | <b>13.09.2013</b> |
| ➤ GoUP approval of 6 roads and one major bridge on Sharda River identified against 30% civil works  | <b>27.07.2014</b> |
| ➤ Agreement with Project Management Consultant (PMC) signed for preparation of Detailed Project Reports(DPRs), Supervision of Phase-I roads and overall Project Management. | <b>08.08.2014</b> |
| ➤ GoUP approval of 06 roads identified against remaining civil works  | <b>28.01.2015</b> |
| ➤ Project appraisal by World Bank   | <b>Mar., 2015</b> |
| ➤ World Bank expected commitment from GoUP to run the project   | <b>May, 2017</b>  |



## **EVENTS SO FAR UNDER UPCRNDP-EAP**

|   |                     |
|---|---------------------|
| ➤ <b>GoUP Conveyed decision and Go-Ahead to run the project</b>   | <b>Nov, 2017</b>    |
| ➤ <b>TPRM Meeting between GoI, WB, GoUP held on</b>   | <b>08.12.2017</b>   |
| ➤ <b>Screening Committee, DEA, GoI re-approval</b>  | <b>19.12.2017</b>   |
| ➤ <b>Bank authorized team to proceed for project preparation</b>  | <b>15.01.2018</b>   |
| ➤ <b>ACS request letter to DEA for extension of date of loan negotiation up to 30<sup>th</sup> Sept.,2018</b>   | <b>22.05.2018</b>   |
| ➤ <b>87<sup>th</sup> Screening Committee, DEA for extension of date of loan negotiation up to 31<sup>st</sup> Dec.,2018</b>                                   | <b>18.9.2018</b>    |
| ➤ <b>CS request letter to DEA for extension of date of loan negotiation up to 20<sup>th</sup> Feb.,2019, matter already discussed in 91<sup>st</sup> SCM.</b> | <b>20.12.2018</b>   |
| ➤ <b>Loan approval by World Bank</b>  | <b>Feb., 2019</b>   |
| ➤ <b>Loan signing with World Bank</b>   | <b>April., 2019</b> |

# **MONITORING/ APPROVAL STRUCTURE OF WORLD BANK**

# **WORLD BANK MONITORING TEAM FOR UPCRNDP PROJECT**

**PRESIDENT: DAVID MALPASS**



**REGIONAL VICE PRESIDENT: HARTWIG SCHAFER**



**COUNTRY DIRECTOR: JUNAID KAMAL AHMAD**



**SENIOR GLOBAL PRACTICE DIRECTOR: GUANGZHE CHEN**



**PRACTICE MANAGER: SHOMIK RAJ MEHNDIRATTA**



**TASK TEAM LEADERS: ELENA Y. CHESHEVA**



**SR. TRANSPORT SPECIALIST AND TASK TEAM LEADER : JAMES ROBERT MARKLAND**



**SR. TRANSPORT SPECIALIST : DIPAN BOSE**



# **WORLD BANK MONITORING TEAM FOR UPCRNDP PROJECT**



## **WORLD BANK STAFF FOR UPCRNDP PROJECT**

- |           |  |
|-----------|--|
| <b>1.</b> | <b>SHIVENDRA KUMAR (SR. PROCUREMENT SPECIALIST),</b>                     |
| <b>2.</b> | <b>GAURAV JOSHI (SR. ENVIRONMENTAL SPECIALIST),</b>                      |
| <b>3.</b> | <b>PARTHAPRIYA GHOSH (SR. SOCIAL DEVELOPMENT SPECIALIST)</b>             |
| <b>4.</b> | <b>ARVIND PRASAD MANTHA (SR. FINANCIAL MANAGEMENT ANALYST)</b>           |
| <b>5.</b> | <b>KRISHNAN SRINIVASAN (CONSULTANT – ROAD SAFETY</b>                     |
| <b>6.</b> | <b>MICHAEL TESSITORE (CONSULTANT – HIGHWAY ENGINEERING &amp; SAFETY)</b> |
| <b>7.</b> | <b>AL STEWART (CONSULTANT - ROAD SAFETY EXPERT)</b>                      |
| <b>8.</b> | <b>DAMANJIT SINGH MINHAS (CONSULTANT – ENVIRONMENTAL SAFEGUARDS)</b>     |
| <b>9.</b> | <b>CARYLANN LOBO (CONSULTANT – TRANSPORT OPERATIONS),</b>                |



# Public Works Department

Government of Uttar Pradesh

Thank  
you

