

Project ID:- N205023022002

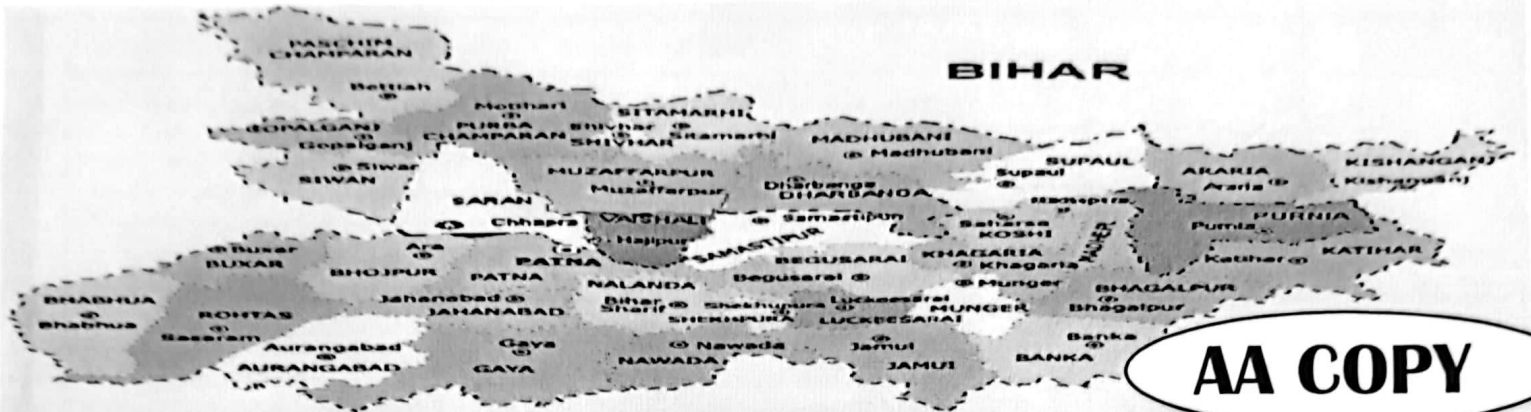


# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



## Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)



**AA COPY**

### DETAILED PROJECT REPORT

|                                                              |                      |                  |       |
|--------------------------------------------------------------|----------------------|------------------|-------|
| STATE :-                                                     | Bihar                | DISTRICT :-      | Gaya. |
| DIVISION :-                                                  | Sherghati            | BLOCK :-         | Dobhi |
| NAME OF ROAD :-                                              | GT Road To MAKHARPUR |                  |       |
| TOTAL LENGTH OF ROAD.                                        | =                    | 3.700 Km         |       |
| TOTAL CONSTRUCTION LENGTH OF ROAD                            | =                    | 3.700 Km         |       |
| TOTAL COST OF CONSTRUCTION.                                  | =                    | Rs. 204.306 Lacs |       |
| COST OF ROAD CONSTRUCTION PER KM                             | =                    | Rs. 55.218 Lacs  |       |
| TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).           | =                    | Rs. 28.465 Lacs  |       |
| (EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) | =                    | Rs. 42.481 Lacs  |       |
| TOTAL PROJECT COST                                           | =                    | Rs. 275.251 Lacs |       |

YEAR (2024 - 2025)

Submitted By :-

Executive Engineer

RWD (w) Division, Sherghati

Gaya.

Prepared By:

A.K. ENGINEERING SERVICES.

Darna Road, Mahunwan

Hamzapur, Sherghati-824211

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## प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Dobhi के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ GT Road  
to MAKHARPUR

के नवीनीकरण/उन्नयन/पुनर्निर्माण किये जाने हेतु तैयार किये गये

प्राक्कलन में कृत प्रावधान स्थल के अनुरूप है जिसमे विशेषतः सघन

आबादी एवं संकीर्ण क्षेत्र मे Cement Concrete Pavement(यदि लागू हो)

एवं Traffic की गणना के आधार पर BM ( यदि लागू हो) का प्रावधान

किया गया है ।

A. K. Ray  
04/01/25  
h

संबंधित पदाधिकारी का नाम :-

पदनाम:- AE

पदस्थापन स्थल:-

04/01/25

सीमा

## प्रमाण- पत्र

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किया गया है ।

A. Jayaraj  
04/01/25

संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:- Sherghati

**Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)**

**GENERAL ABSTRACT OF COST**

Block:-- Dobhi

District:- Gaya.

Construction Length Of Road:- 3.700 KM

Name Of Road:-- GT Road To MAKHARPUR

| SL. No. | Item of Work                                                                    | Amount         |
|---------|---------------------------------------------------------------------------------|----------------|
| 1       | INITIAL RECTIFICATION WORKS .                                                   | : 137.996 Lacs |
| 2       | 5TH YEAR PERIODIC RENEWAL COST .                                                | : 31.741 Lacs  |
|         | TOTAL ESTIMATED COST (1+2)                                                      | : 169.737 Lacs |
|         | Labour Cess @1%                                                                 | : 1.697 Lacs   |
|         | Add Seigniorage Fee @10%                                                        | : 1.706 Lacs   |
|         | Sub Total                                                                       | : 173.140 Lacs |
|         | GST @18%                                                                        | : 31.165 Lacs  |
| A       | TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"                      | : 204.306 Lacs |
| 3       | SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION . | : 23.638 Lacs  |
|         | Labour Cess @1%                                                                 | : 0.236 Lacs   |
|         | Add Seigniorage Fee @10% .                                                      | : 0.248 Lacs   |
|         | Sub Total                                                                       | : 24.123 Lacs  |
|         | GST @18%                                                                        | : 4.342 Lacs   |
| B       | TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"            | : 28.465 Lacs  |
| C       | SUB TOTAL COST (A+B)                                                            | : 232.770 Lacs |
| D       | EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"                                   | : 34.916 Lacs  |
| E       | Contingency @ 1% OF "C"                                                         | : 2.328 Lacs   |
| F       | Administrative Cost @ 2.25% OF "C"                                              | : 5.237 Lacs   |
| G       | TOTAL PROJECT COST* (C+D+E+F)                                                   | : 275.251 Lacs |

*A. K. Singh*  
04/01/25  
Junior Engineer

*C. P. Singh*  
04/01/25  
Asstt. Engineer

*Repe*  
04.01.25  
Executive Engineer

SE  
Superior Engineering  
Rural Works Department  
Works Circle, Gaya  
*24.01.2025*

Total Construction Cost: → 204,306 Lcs

Minor Improvement  
Initial Rectification  
5th Year Periodic Renewal

Total Maintenance Cost → 28,465 Lcs  
(1st, 2nd, 3rd, 4th, 6th & 7th):

Other Cost:  
Emergent Cost → 34,916 Lcs

Contingency Cost → 2,328 Lcs

Administrative Cost → 5,237 Lcs

Total → 275,251 Lcs

T.A. No. .... dt. ....

Ref. SE letter No. .... dt. ....

Technically Approved for Rs. 275,251 Lcs

(Rupees. Two crore seventy five lakh twenty  
five Thousands one hundred) Only

for construction work & 5 Years Maintenance

  
9/11/25

  
E.E. 9/11/25

Tec. Secy.

  
E.E. 9/11/25

# CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

|                                  |             |                             |                      |           |                |                      |        |           |               |                 |       |              |               |                |              |
|----------------------------------|-------------|-----------------------------|----------------------|-----------|----------------|----------------------|--------|-----------|---------------|-----------------|-------|--------------|---------------|----------------|--------------|
| Road Name : GT Road To MAKHARPUR |             |                             | Road No : 1          |           |                |                      |        |           |               |                 |       |              |               |                |              |
| Section From :                   | Up          | GT Road                     | To                   | GT Road   | Station No : 1 |                      |        |           |               |                 |       |              |               |                |              |
|                                  | Down        | MAKHARPUR                   | To                   | MAKHARPUR |                |                      |        |           |               |                 |       |              |               |                |              |
| Location Km :                    | 3.700 Km    |                             | 25 - 12 - 2024       |           |                |                      |        |           |               |                 |       |              |               |                |              |
|                                  |             |                             | 24 Hours             |           |                |                      |        |           |               |                 |       |              |               |                |              |
| FAST MOVING VEHICLES             |             |                             |                      |           |                | SLOW MOVING VEHICLES |        |           |               |                 |       | Hourly PCU   | Peak Hour PCU |                |              |
| TIME                             | Two Wheeler | Three Wheeler Auto Rickshaw | Car/Jeeep/ Van/ Taxi | Bus       |                | LCV                  | TRUCK  |           | Agei. Tractor |                 | Cycle |              |               | Cycle Rickshaw | Animal Drawn |
|                                  |             |                             |                      | Loaded    | Un loaded      |                      | Loaded | Un loaded | With Trailer  | Without Trailer |       | Bullock Cart | Num. Tyred    |                |              |
| 6,00 AM - 12,00 PM               | 32          | 5                           | 21                   | 1         | 0              | 12                   | 1      | 2         | 15            | 15              | 35    | 1            | 1             | 1              | 190          |
| 12,00 PM - 6,00 PM               | 36          | 6                           | 11                   | 0         | 0              | 25                   | 0      | 2         | 21            | 21              | 36    | 0            | 1             | 1              | 227          |
| 6,00 PM - 6,00 AM                | 35          | 5                           | 14                   | 0         | 2              | 25                   | 1      | 4         | 11            | 21              | 26    | 1            | 1             | 0              | 195          |
|                                  |             |                             |                      |           |                |                      |        |           |               |                 |       |              |               |                |              |
|                                  |             |                             |                      |           |                |                      |        |           |               |                 |       |              |               |                |              |
|                                  |             |                             |                      |           |                |                      |        |           |               |                 |       |              |               |                |              |
| Total                            | 103         | 16                          | 46                   | 1         | 2              | 62                   | 2      | 8         | 47            | 57              | 97    | 2            |               |                |              |
| PCU FACTOR                       | 0.5         | 1                           | 1                    | 3         | 3              | 1.5                  | 3      | 3         | 4.5           | 1.5             | 0.5   | 2            | 4             | 4              | 595          |
| Total PCU                        | 51.5        | 16                          | 46                   | 3         | 6              | 93                   | 6      | 24        | 211.5         | 85.5            | 48.5  | 4            | 0             | 0              |              |