



# 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 :-                                              | L051 To Dumri |                 |       |
| TOTAL LENGTH OF ROAD                                         | =             | 0.600 Km        |       |
| TOTAL CONSTRUCTION LENGTH OF ROAD                            | =             | 0.600 Km        |       |
| TOTAL COST OF CONSTRUCTION.                                  | =             | Rs. 21.974 Lacs |       |
| COST OF ROAD CONSTRUCTION PER KM                             | =             | Rs. 36.624 Lacs |       |
| TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).           | =             | Rs. 5.610 Lacs  |       |
| (EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) | =             | Rs. 5.034 Lacs  |       |
| TOTAL PROJECT COST                                           | =             | Rs. 32.619 Lacs |       |

YEAR (2024 - 2025)

Submitted By :-  
Executive Engineer  
RWD (w) Division, Sherghati  
Gaya.

Prepared By:  
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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 L051 to  
Dumri

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 में Cement Concrete Pavement(यदि लागू हो)

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

संबंधित पदाधिकारी का नाम :-

पदनाम:- AE

पदस्थापन स्थल:-

A. Muray  
30/12/24  
R

30/12/24  
S. M.

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A-102382  
30/12/24  
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संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

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

**GENERAL ABSTRACT OF COST**

Block:--, Dobhi

District:- Gaya.

Construction Length Of Road:- 0.600 KM

Name Of Road:-- L051 To Dumri

| SL. No. | Item of Work                                                                    | Amount      |
|---------|---------------------------------------------------------------------------------|-------------|
| 1       | INITIAL RECTIFICATION WORKS .                                                   | 10.720 Lacs |
| 2       | 5TH YEAR PERIODIC RENEWAL COST .                                                | 7.622 Lacs  |
|         | TOTAL ESTIMATED COST (1+2)                                                      | 18.342 Lacs |
|         | Labour Cess @1%                                                                 | 0.183 Lacs  |
|         | Add Seigniorage Fee @10%                                                        | 0.097 Lacs  |
|         | Sub Total                                                                       | 18.622 Lacs |
|         | GST @18%                                                                        | 3.352 Lacs  |
| A       | TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"                      | 21.974 Lacs |
| 3       | SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION . | 4.656 Lacs  |
|         | Labour Cess @1%                                                                 | 0.047 Lacs  |
|         | Add Seigniorage Fee @10% .                                                      | 0.052 Lacs  |
|         | Sub Total                                                                       | 4.754 Lacs  |
|         | GST @18%                                                                        | 0.856 Lacs  |
| B       | TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"            | 5.610 Lacs  |
| C       | SUB TOTAL COST (A+B)                                                            | 27.585 Lacs |
| D       | EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"                                   | 4.138 Lacs  |
| E       | Contingency @ 1% OF "C"                                                         | 0.276 Lacs  |
| F       | Administrative Cost @ 2.25% OF "C"                                              | 0.621 Lacs  |
| G       | TOTAL PROJECT COST (C+D+E+F)                                                    | 32.619 Lacs |

A. K. Singh  
30/12/2024

Junior Engineer

Asstt. Engineer

Executive Engineer

Technically Approved for Rs. 32.619 Lacs.  
Thirty Two Lacs Sixty Nine Thousand Six Hundred and Ninety.

SE  
RWD  
30/12/2024

Superintending Engineer  
Rural Works Department

ENGINEERING SERVICES

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

| Road Name : L051 To Dumri |             | Road No : 1                 |                      |        |           |                |        |           |               |                 |                |              |            |            |  |                      |  |  |  |  |               |
|---------------------------|-------------|-----------------------------|----------------------|--------|-----------|----------------|--------|-----------|---------------|-----------------|----------------|--------------|------------|------------|--|----------------------|--|--|--|--|---------------|
| Section From :            | Up          | ↑                           | L051                 | To     | L051      | Station No : 1 |        |           |               |                 |                |              |            |            |  |                      |  |  |  |  |               |
|                           | Down        | ↓                           | Dumri                | To     | Dumri     |                |        |           |               |                 |                |              |            |            |  |                      |  |  |  |  |               |
| Location Km :             | 0.600 Km    |                             |                      |        |           | 23 - 12 - 2024 |        |           |               |                 |                |              |            |            |  |                      |  |  |  |  |               |
|                           |             |                             |                      |        |           | 24 Hours       |        |           |               |                 |                |              |            |            |  |                      |  |  |  |  |               |
| FAST MOVING VEHICLES      |             |                             |                      |        |           |                |        |           |               |                 |                |              |            |            |  | SLOW MOVING VEHICLES |  |  |  |  | Peak Hour PCU |
| TIME                      | Two Wheeler | Three Wheeler Auto Rickshaw | Car/Jeeep/ Van/ Taxi | Bus    |           | LCV            | TRUCK  |           | Agei. Tractor |                 | Cycle Rickshaw | Animal Drawn |            | Hourly PCU |  |                      |  |  |  |  |               |
|                           |             |                             |                      | Loaded | Un loaded |                | Loaded | Un loaded | With Trailer  | Without Trailer |                | Bullock Cart | Num. Tyred |            |  |                      |  |  |  |  |               |
| 6.00 AM - 12.00 PM        | 21          | 1                           | 12                   | 0      | 0         | 12             | 0      | 2         | 9             | 5               | 1              | 0            | 0          | 105        |  |                      |  |  |  |  |               |
| 12.00 PM - 6.00 PM        | 25          | 0                           | 10                   | 0      | 0         | 14             | 2      | 1         | 6             | 9               | 1              | 0            | 0          | 102        |  |                      |  |  |  |  |               |
| 6.00 PM - 6.00 AM         | 14          | 2                           | 14                   | 0      | 0         | 10             | 1      | 0         | 5             | 6               | 1              | 0            | 0          | 80         |  |                      |  |  |  |  |               |
|                           |             |                             |                      |        |           |                |        |           |               |                 |                |              |            |            |  |                      |  |  |  |  |               |
|                           |             |                             |                      |        |           |                |        |           |               |                 |                |              |            |            |  |                      |  |  |  |  |               |
|                           |             |                             |                      |        |           |                |        |           |               |                 |                |              |            |            |  |                      |  |  |  |  |               |
|                           |             |                             |                      |        |           |                |        |           |               |                 |                |              |            |            |  |                      |  |  |  |  |               |
|                           |             |                             |                      |        |           |                |        |           |               |                 |                |              |            |            |  |                      |  |  |  |  |               |
| Total                     | 60          | 3                           | 36                   | 0      | 0         | 36             | 3      | 3         | 20            | 20              | 3              |              |            |            |  |                      |  |  |  |  |               |
| PCU FACTOR                | 0.5         | 1                           | 1                    | 3      | 3         | 1.5            | 3      | 3         | 4.5           | 1.5             | 2              | 4            | 4          | 287        |  |                      |  |  |  |  |               |
| Total PCU                 | 30          | 3                           | 36                   | 0      | 0         | 54             | 9      | 9         | 90            | 30              | 6              | 0            | 0          |            |  |                      |  |  |  |  |               |