

Project ID:- 10502302120



# 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 :-         | Sherghati |
| NAME OF ROAD :-                                              | L047 - T01 To NAWADA (VR27) |                  |           |
| TOTAL LENGTH OF ROAD.                                        | =                           | 3.120 Km         |           |
| TOTAL CONSTRUCTION LENGTH OF ROAD                            | =                           | 3.120 Km         |           |
| TOTAL COST OF CONSTRUCTION.                                  | =                           | Rs. 180.253 Lacs |           |
| COST OF ROAD CONSTRUCTION PER KM                             | =                           | Rs. 57.773 Lacs  |           |
| TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).           | =                           | Rs. 28.648 Lacs  |           |
| (EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) | =                           | Rs. 38.125 Lacs  |           |
| TOTAL PROJECT COST                                           | =                           | Rs. 247.026 Lacs |           |
| YEAR (2024 - 2025)                                           |                             |                  |           |

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

**Prepared By:**  
A.K. ENGINEERING SERVICES.  
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Hamzapur, Sherghati-824211  
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## प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Sherghati के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L047 - T01

to NAWADA (VR27)

के नवीनीकरण/उन्नयन/पुननिर्माण 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

किया गया है ।

संबंधित पदाधिकारी का नाम :- V. K. Prabhakar

पदनाम:- AE

पदस्थापन स्थल:-

Sherghati 20/12/2024

## प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

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to NAWADA (VR27)

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

प्राक्कलन में कृत प्रावधान स्थल के अनुरूप है जिसमें विशेषतः सघन

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

किया गया है ।

संबंधित पदाधिकारी का नाम :-  30.12.24

पदनाम:- Executive Engineer.

पदस्थापन स्थल:- 

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

**GENERAL ABSTRACT OF COST**

Block:-- Sherghati

District:- Gaya.

Construction Length Of Road:- 3.120 KM

Name Of Road:-- L047 - T01 To NAWADA (VR27)

| SL. No. | Item of Work                                                                    | Amount         |
|---------|---------------------------------------------------------------------------------|----------------|
| 1       | INITIAL RECTIFICATION WORKS .                                                   | : 114.799 Lacs |
| 2       | 5TH YEAR PERIODIC RENEWAL COST .                                                | : 35.170 Lacs  |
|         | TOTAL ESTIMATED COST (1+2)                                                      | : 149.969 Lacs |
|         | Labour Cess @1%                                                                 | : 1.500 Lacs   |
|         | Add Seigniorage Fee @10%                                                        | : 1.288 Lacs   |
|         | Sub Total                                                                       | : 152.757 Lacs |
|         | GST @18%                                                                        | : 27.496 Lacs  |
| A       | TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"                      | : 180.253 Lacs |
| 3       | SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION . | : 23.791 Lacs  |
|         | Labour Cess @1%                                                                 | : 0.238 Lacs   |
|         | Add Seigniorage Fee @10% .                                                      | : 0.249 Lacs   |
|         | Sub Total                                                                       | : 24.278 Lacs  |
|         | GST @18%                                                                        | : 4.370 Lacs   |
| B       | TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"            | : 28.648 Lacs  |
| C       | SUB TOTAL COST (A+B)                                                            | : 208.902 Lacs |
| D       | EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"                                   | : 31.335 Lacs  |
| E       | Contingency @ 1% OF "C"                                                         | : 2.089 Lacs   |
| F       | Administrative Cost @ 2.25% OF "C"                                              | : 4.700 Lacs   |
| G       | TOTAL PROJECT COST (C+D+E+F)                                                    | : 247.026 Lacs |

  
Junior Engineer

  
Asstt. Engineer

Executive Engineer

  
SE  
RWD  
Superintending Engineer  
Rural Works Department

Total Construction Cost: → 180.253 Lacs

Minor Improvement  
Initial Rectification  
5th Year Periodic Renewal

Total Maintenance Cost → 28.698 Lacs  
(1st, 2nd, 3rd, 4th, 6th & 7th):

Other Cost:  
Emergent Cost → 31.335 Lacs  
Contingency Cost → 2.089 Lacs  
Administrative Cost → 4.700 Lacs

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Total → 247.026 Lacs

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

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

Technically Approved for Rs. 247.026 Lacs

(Rupees..Two...crore...forty...seven...lacs

Two.....thousands.....six hundred.....) Only

for construction work & 5 Years Maintenance

*Pray*  
9/11/25

*V. Kumar*  
E.E. 9/11/25

Tec. Secy.

*[Signature]*  
C.E. 12/5

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

|                                         |             |                             |                      |               |           |               |                |           |               |                      |                |               |            |                |               |          |  |  |  |  |  |
|-----------------------------------------|-------------|-----------------------------|----------------------|---------------|-----------|---------------|----------------|-----------|---------------|----------------------|----------------|---------------|------------|----------------|---------------|----------|--|--|--|--|--|
| Road Name : L047 - T01 To NAWADA (VR27) |             |                             |                      |               |           |               |                |           |               | Road No : 1          |                |               |            |                |               |          |  |  |  |  |  |
| Section From :                          |             | Up                          | ↑                    | L047 - T01    | To        | L047 - T01    | Station No : 1 |           |               | To                   |                | NAWADA (VR27) |            | 26 - 12 - 2024 |               | 24 Hours |  |  |  |  |  |
|                                         |             | Down                        | ↓                    | NAWADA (VR27) | To        | NAWADA (VR27) |                |           |               |                      |                |               |            |                |               |          |  |  |  |  |  |
| Location Km :                           |             | 3.120 Km                    |                      |               |           |               |                |           |               |                      |                |               |            |                |               |          |  |  |  |  |  |
| FAST MOVING VEHICLES                    |             |                             |                      |               |           |               |                |           |               | SLOW MOVING VEHICLES |                |               |            |                |               |          |  |  |  |  |  |
| TIME                                    | Two Wheeler | Three Wheeler Auto Rickshaw | Car/Jeeep/ Van/ Taxi | Bus           |           | LCV           | TRUCK          |           | Agei. Tractor |                      | Cycle Rickshaw | Animal Drawn  |            | Hourly PCU     | Peak Hour PCU |          |  |  |  |  |  |
|                                         |             |                             |                      | Loaded        | Un loaded |               | Loaded         | Un loaded | With Trailer  | Without Trailer      |                | Bullock Cart  | Num. Tyred |                |               |          |  |  |  |  |  |
| 6.00 AM - 12.00 PM                      | 36          | 0                           | 15                   | 1             | 1         | 15            | 5              | 5         | 12            | 11                   | 36             | 0             | 0          | 180            |               |          |  |  |  |  |  |
| 12.00 PM - 6.00 PM                      | 52          | 1                           | 24                   | 0             | 0         | 10            | 8              | 6         | 10            | 9                    | 35             | 0             | 0          | 184            |               |          |  |  |  |  |  |
| 6.00 PM - 6.00 AM                       | 36          | 0                           | 26                   | 0             | 0         | 11            | 6              | 8         | 9             | 14                   | 29             | 0             | 0          | 179            |               |          |  |  |  |  |  |
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