



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



## Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)



### DETAILED PROJECT REPORT

|                                                              |                               |                  |       |
|--------------------------------------------------------------|-------------------------------|------------------|-------|
| STATE :-                                                     | Bihar                         | DISTRICT :-      | Gaya. |
| DIVISION :-                                                  | Sherghati                     | BLOCK :-         | Amas  |
| NAME OF ROAD :-                                              | L047 - T01 To PAHARPUR (VR27) |                  |       |
| TOTAL LENGTH OF ROAD.                                        | =                             | 2.400 Km         |       |
| TOTAL CONSTRUCTION LENGTH OF ROAD                            | =                             | 2.400 Km         |       |
| TOTAL COST OF CONSTRUCTION.                                  | =                             | Rs. 95.842 Lacs  |       |
| COST OF ROAD CONSTRUCTION PER KM                             | =                             | Rs. 39.934 Lacs  |       |
| TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).           | =                             | Rs. 22.848 Lacs  |       |
| (EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) | =                             | Rs. 21.661 Lacs  |       |
| TOTAL PROJECT COST                                           | =                             | Rs. 140.352 Lacs |       |

YEAR (2024 - 2025)

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

Prepared By:  
A.K. ENGINEERING SERVICES  
Darna Road, Mahunwan  
Hamzapur, Sherghati-824211  
MOB: +91 7739181616  
E-MAIL: [akengineering120@gmail.com](mailto:akengineering120@gmail.com)

## प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Amas के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L047 - T01

to PAHARPUR (VR27)

के नवीनीकरण/उन्नयन/पुननिर्माण किये जाने हेतु तैयार किये गये  
प्राक्कलन में कृत प्रावधान स्थल के अनुरूप है जिसमें 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 ।

A. (यस्य)  
04/01/25  
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संबंधित पदाधिकारी का नाम :-

पदनाम:- AE

पदस्थापन स्थल:-

04/01/25

कमल

## प्रमाण- पत्र

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किया गया है ।

A. K. Singh  
04/01/25  
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संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

श्री (दादी)

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

**GENERAL ABSTRACT OF COST**

Block:-- Amas

District:- Gaya.

Construction Length Of Road:- 2.400 KM

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

| Sl. No. | Item of Work                                                                    | Amount         |
|---------|---------------------------------------------------------------------------------|----------------|
| 1       | INITIAL RECTIFICATION WORKS .                                                   | : 52.278 Lacs  |
| 2       | 5TH YEAR PERIODIC RENEWAL COST .                                                | : 27.416 Lacs  |
|         | TOTAL ESTIMATED COST (1+2)                                                      | : 79.694 Lacs  |
|         | Labour Cess @1%                                                                 | : 0.797 Lacs   |
|         | Add Seigniorage Fee @10%                                                        | : 0.731 Lacs   |
|         | Sub Total                                                                       | : 81.222 Lacs  |
|         | GST @18%                                                                        | : 14.620 Lacs  |
| A       | TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"                      | : 95.842 Lacs  |
| 3       | SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION . | : 18.982 Lacs  |
|         | Labour Cess @1%                                                                 | : 0.190 Lacs   |
|         | Add Seigniorage Fee @10% .                                                      | : 0.191 Lacs   |
|         | Sub Total                                                                       | : 19.363 Lacs  |
|         | GST @18%                                                                        | : 3.485 Lacs   |
| B       | TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"            | : 22.848 Lacs  |
| C       | SUB TOTAL COST (A+B)                                                            | : 118.691 Lacs |
| D       | EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"                                   | : 17.804 Lacs  |
| E       | Contingency @ 1% OF "C"                                                         | : 1.187 Lacs   |
| F       | Administrative Cost @ 2.25% OF "C"                                              | : 2.671 Lacs   |
| G       | TOTAL PROJECT COST (C+D+E+F)                                                    | : 140.352 Lacs |

*A. Jeyan*  
04/01/25  
Junior Engineer

*C. J. 04/01/25*  
Asstt. Engineer

*Depe*  
04.01.25  
Executive Engineer

*04.01.25*  
Superintending Engineer  
Rural Roads Department  
Works Circle, Gaya

otal Construction Cost: → 95.842 Lacs

Minor Improvement  
Initial Rectification  
5th Year Periodic Renewal

Total Maintenance Cost → 22.848 Lacs  
(1st, 2nd, 3rd, 4th, 6th & 7th):

Other Cost:  
Emergent Cost → 17.804 Lacs  
Contingency Cost → 1.187 Lacs  
Administrative Cost → 2.871 Lacs

Total → 140.552 Lacs

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

Ref. SE letter no. .... dt. ....

Technically Approved for Rs. 140.352 Lacs.

(Rupees One crore forty Lacs thirty  
five thousands two hundred) Only

for construction work & 5 Years Maintenance

*Q. S. S.*  
9/11/25

*V. S. S.*  
E. S. S. 9/11/25  
Tec. Secy.

*Q. S. S.*  
9/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

| Road Name : L047 - T01 To PAHARPUR (VR27) |             |                             |                      |                 |           |                 |                |           |               | Road No : 1          |                |              |            |            |  |               |  |  |  |
|-------------------------------------------|-------------|-----------------------------|----------------------|-----------------|-----------|-----------------|----------------|-----------|---------------|----------------------|----------------|--------------|------------|------------|--|---------------|--|--|--|
| Section From :                            |             | Up                          | ↑                    | L047 - T01      | To        | L047 - T01      | Station No : 1 |           |               |                      |                |              |            |            |  |               |  |  |  |
|                                           |             | Down                        | ↓                    | PAHARPUR (VR27) | To        | PAHARPUR (VR27) |                |           |               |                      |                |              |            |            |  |               |  |  |  |
| Location Km :                             |             | 2.400 Km                    |                      |                 |           | 25 - 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                        | 25          | 0                           | 8                    | 1               | 0         | 12              | 1              | 2         | 15            | 15                   | 1              | 1            | 0          | 163        |  |               |  |  |  |
| 12.00 PM - 6.00 PM                        | 32          | 0                           | 6                    | 1               | 0         | 10              | 1              | 2         | 21            | 21                   | 1              | 0            | 1          | 199        |  |               |  |  |  |
| 6.00 PM - 6.00 AM                         | 21          | 1                           | 9                    | 0               | 0         | 9               | 5              | 5         | 14            | 11                   | 1              | 2            | 0          | 170        |  |               |  |  |  |
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