

Project ID- 10502302209



# 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 :-         | Gurua |
| NAME OF ROAD :-                                              | L117-L037 To DAULATPUR (VR86) |                  |       |
| TOTAL LENGTH OF ROAD.                                        | =                             | 1.380 Km         |       |
| TOTAL CONSTRUCTION LENGTH OF ROAD                            | =                             | 1.380 Km         |       |
| TOTAL COST OF CONSTRUCTION.                                  | =                             | Rs. 82.629 Lacs  |       |
| COST OF ROAD CONSTRUCTION PER KM                             | =                             | Rs. 59.876 Lacs  |       |
| TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).           | =                             | Rs. 13.729 Lacs  |       |
| (EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%) | =                             | Rs. 17.585 Lacs  |       |
| TOTAL PROJECT COST                                           | =                             | Rs. 113.943 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:- Gurua के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L117-L037  
to DAULATPUR (VR86)

के नवीनीकरण/उन्नयन/पुनर्निर्माण 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 ।

संबंधित पदाधिकारी का नाम :- 

पदनाम:- AE

पदस्थापन स्थल:-

## प्रमाण- पत्र

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किया गया है ।

  
संबंधित पदाधिकारी का नाम :-  
पदनाम:- Executive Engineer.  
पदस्थापन स्थल:-

**GENERAL ABSTRACT OF COST**

Block:-- Gurua

District:- Gaya.

Construction Length Of Road:- 1.380 KM

Name Of Road:-- L117-L037 To DAULATPUR (VR86)

| SL. No.  | Item of Work                                                                    | Amount              |
|----------|---------------------------------------------------------------------------------|---------------------|
| 1        | INITIAL RECTIFICATION WORKS .                                                   | 52.125 Lacs         |
| 2        | 5TH YEAR PERIODIC RENEWAL COST .                                                | 16.326 Lacs         |
|          | <b>TOTAL ESTIMATED COST (1+2)</b>                                               | <b>68.451 Lacs</b>  |
|          | Labour Cess @1%                                                                 | 0.685 Lacs          |
|          | Add Seigniorage Fee @10%                                                        | 0.889 Lacs          |
|          | <b>Sub Total</b>                                                                | <b>70.025 Lacs</b>  |
|          | GST @18%                                                                        | 12.604 Lacs         |
| <b>A</b> | <b>TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"</b>               | <b>82.629 Lacs</b>  |
| 3        | SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION . | 11.406 Lacs         |
|          | Labour Cess @1%                                                                 | 0.114 Lacs          |
|          | Add Seigniorage Fee @10% .                                                      | 0.114 Lacs          |
|          | <b>Sub Total</b>                                                                | <b>11.634 Lacs</b>  |
|          | GST @18%                                                                        | 2.094 Lacs          |
| <b>B</b> | <b>TOTAL OPERATION &amp; MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"</b> | <b>13.729 Lacs</b>  |
| <b>C</b> | <b>SUB TOTAL COST (A+B)</b>                                                     | <b>96.358 Lacs</b>  |
| <b>D</b> | <b>EMERGENT &amp; PRICE ADJUSTMENT COST @ 15% OF "C"</b>                        | <b>14.454 Lacs</b>  |
| <b>E</b> | <b>Contingency @ 1% OF "C"</b>                                                  | <b>0.964 Lacs</b>   |
| <b>F</b> | <b>Administrative Cost @ 2.25% OF "C"</b>                                       | <b>2.168 Lacs</b>   |
| <b>G</b> | <b>TOTAL PROJECT COST (C+D+E+F)</b>                                             | <b>113.943 Lacs</b> |

Junior Engineer

Asstt. Engineer

Executive Engineer

Supervising Engineer  
Rural Works Department  
Works Circle, Gaya

Total Construction Cost: →  
 Minor Improvement  
 Initial Rectification  
 5th Year Periodic Renewal  
 Total Maintenance Cost →  
 (1st, 2nd, 3rd, 4th, 6th & 7th):  
 Other Cost:  
 Emergent Cost →  
 Contingency Cost →  
 Administrative Cost →  
 Total---

113.943 lacs.

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

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

Technically Approved for Rs. 113.943 lacs

(Rupees. One crore Thirteen lacs  
 ninety four thousands Three hundred  
 Only)

for construction work & 5 Years Maintenance

*[Signature]*  
 A.E. 18/11/25

*[Signature]*  
 E.A. 18/11/25

Tec. Secy.

*[Signature]*  
 A.E. 20/12/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

| Road Name : L117-L037 To DAULATPUR (VR86) |             |                             |                      |                  |           |                           |                |           |               | Road No : 1          |                |              |            |            |  |  |  |  |  |               |
|-------------------------------------------|-------------|-----------------------------|----------------------|------------------|-----------|---------------------------|----------------|-----------|---------------|----------------------|----------------|--------------|------------|------------|--|--|--|--|--|---------------|
| Section From :                            |             | Up                          | ↑                    | L117-L037        | To        | L117-L037                 | Station No : 1 |           |               |                      |                |              |            |            |  |  |  |  |  |               |
|                                           |             | Down                        | ↓                    | DAULATPUR (VR86) | To        | DAULATPUR (VR86)          |                |           |               |                      |                |              |            |            |  |  |  |  |  |               |
| Location Km :                             |             | 1.380 Km                    |                      |                  |           | 3 - 12 - 2024<br>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                        | 4           | 0                           | 3                    | 0                | 0         | 2                         | 7              | 6         | 4             | 3                    | 4              | 0            | 0          | 70         |  |  |  |  |  |               |
| 12.00 PM - 6.00 PM                        | 3           | 1                           | 2                    | 0                | 0         | 2                         | 5              | 2         | 7             | 3                    | 3              | 0            | 0          | 66         |  |  |  |  |  |               |
| 6.00 PM - 6.00 AM                         | 2           | 0                           | 0                    | 0                | 0         | 2                         | 4              | 6         | 1             | 2                    | 3              | 0            | 0          | 43         |  |  |  |  |  |               |
|                                           |             |                             |                      |                  |           |                           |                |           |               |                      |                |              |            |            |  |  |  |  |  |               |
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