

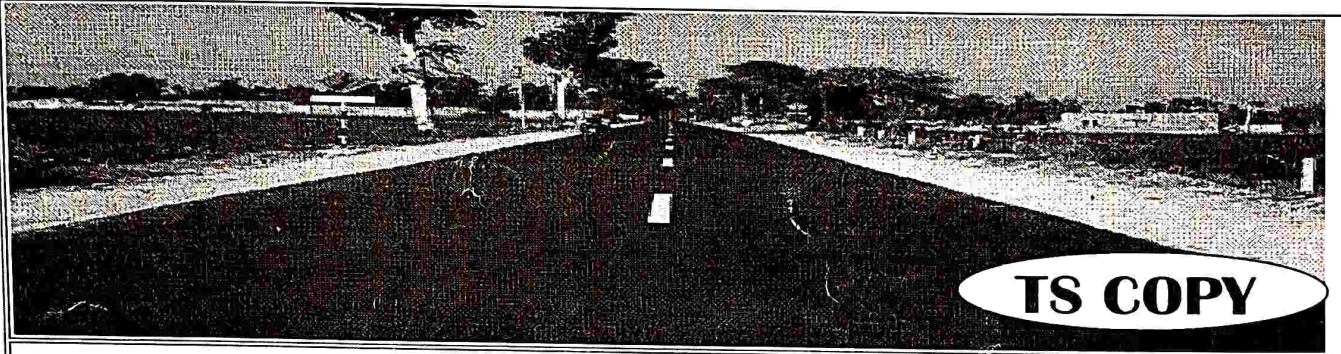


# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



## Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)



### DETAILED PROJECT REPORT

|                                                    |                                        |                 |             |
|----------------------------------------------------|----------------------------------------|-----------------|-------------|
| STATE :-                                           | Bihar                                  | DISTRICT :-     | Begusarai   |
| DIVISION :-                                        | Teghra                                 | BLOCK :-        | Bhagwanpur  |
| NAME OF ROAD :-                                    | Madhepura college To PWD Road chandaur |                 |             |
| TOTAL LENGTH OF ROAD                               | =                                      | 1.520 Km        |             |
| TOTAL CONSTRUCTION LENGTH OF ROAD                  | =                                      | 1.520 Km        |             |
| TOTAL COST OF CONSTRUCTION                         | =                                      | Rs. 63.439 Lacs |             |
| COST OF ROAD CONSTRUCTION PER KM                   | =                                      | Rs. 41.736 Lacs | 40.098 Lacs |
| TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M). | =                                      | Rs. 10.924 Lacs |             |
| (CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)     | =                                      | Rs. 2.417 Lacs  | 2.336 Lacs  |
| TOTAL PROJECT COST                                 | =                                      | Rs. 76.780 Lacs | 74.409 Lacs |
| YEAR (2024 - 2025)                                 |                                        |                 |             |

Submitted By :-  
Executive Engineer  
RWD (w) Division, Teghra  
Begusarai

Prepared By:  
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|     |           |        |            |                                                                                                |       |         |        |        |       |         |
|-----|-----------|--------|------------|------------------------------------------------------------------------------------------------|-------|---------|--------|--------|-------|---------|
| 190 | Begusarai | Teghra | Teghra     | Rly Gurnti No-II To Matlupur                                                                   | 0.750 | 43.212  | 4.677  | 7.183  | 1.557 | 56.629  |
| 191 | Begusarai | Teghra | Teghra     | Nemant Chowk Teghra To Railway Gurnti No II                                                    | 0.810 | 29.638  | 4.947  | 5.188  | 1.124 | 40.897  |
| 192 | Begusarai | Teghra | Teghra     | Bajitpur Hanuman Mandir To Bagul Jha Ke Ghar Tak Via Durga Sthan Tak                           | 0.910 | 45.527  | 5.399  | 7.639  | 1.654 | 60.219  |
| 193 | Begusarai | Teghra | Teghra     | T01 PWD Road Baruni To Railway Line                                                            | 1.000 | 37.006  | 5.804  | 6.421  | 1.392 | 50.623  |
| 194 | Begusarai | Teghra | Teghra     | NH-28 Bijali Bord Ke Shamne se To Damodar Rai ke Ghar Tak                                      | 1.060 | 44.317  | 11.758 | 8.411  | 1.822 | 66.308  |
| 195 | Begusarai | Teghra | Teghra     | Railway 12 No Gurnti To House of Mahendra Singh                                                | 1.110 | 44.623  | 12.327 | 8.542  | 1.851 | 67.343  |
| 196 | Begusarai | Teghra | Teghra     | Matlupur To Sumarayan Sig Gate Via Teghra Post Office                                          | 1.500 | 63.168  | 8.059  | 10.684 | 2.315 | 84.226  |
| 197 | Begusarai | Teghra | Bhagwanpur | Madhepura College To PWD Road Chandaur                                                         | 1.520 | 61.822  | 13.554 | 11.306 | 2.450 | 89.132  |
| 198 | Begusarai | Teghra | Bhagwanpur | T02 Road Bari Begras To Digwar Asthan                                                          | 1.530 | 65.343  | 11.672 | 11.557 | 2.503 | 91.070  |
| 199 | Begusarai | Teghra | Bhagwanpur | Const. of Road From Mokthiyarpur Kabiya To Banauli Nakha Band Saraswati Asthan To Chuti Puliya | 2.560 | 183.643 | 19.552 | 30.479 | 6.604 | 240.278 |
| 200 | Begusarai | Teghra | Bhagwanpur | Patni Chowk RWD Road Chiriyatok To Harpat Via Makra Tola                                       | 1.410 | 53.521  | 8.352  | 9.281  | 2.011 | 73.165  |
| 201 | Begusarai | Teghra | Bhagwanpur | L035 Teghra Atarua PWD Road To Mananpur.                                                       | 2.210 | 179.198 | 21.252 | 30.067 | 6.514 | 237.032 |
| 202 | Begusarai | Teghra | Bachhwara  | PMGSY Road T04 Chamtha Kurmitol To PMGSY III                                                   | 0.780 | 135.195 | 5.110  | 21.046 | 4.560 | 165.910 |
| 203 | Begusarai | Teghra | Bhagwanpur | Mahadalit Tola Lakha Bandh To Jokia.                                                           | 1.500 | 73.380  | 8.125  | 12.226 | 2.649 | 96.380  |
| 204 | Begusarai | Teghra | Bhagwanpur | Teghra Mobarkpur PWD Road Near Teyai Thana To Atarua PWD Road.                                 | 1.970 | 167.553 | 20.707 | 28.239 | 6.119 | 222.618 |
| 205 | Begusarai | Teghra | Bachhwara  | T04 Fulchand Choxck (Sharvan Tola) To Margang Kari Chowk (Lishupur)                            | 2.450 | 103.323 | 12.554 | 17.381 | 3.766 | 137.024 |
| 206 | Begusarai | Teghra | Bachhwara  | Durga Asthan Kaidarbad Chowk To Rudhaulti Jahanpur.                                            | 1.020 | 54.087  | 5.875  | 8.994  | 1.949 | 70.906  |
| 207 | Begusarai | Teghra | Bachhwara  | L040 - NH-28 To Sibti Tola Old (VR40).                                                         | 1.800 | 95.616  | 14.333 | 16.492 | 3.573 | 130.014 |
| 208 | Begusarai | Teghra | Bhagwanpur | Manopur Ward No-03 Ramashia Sharma Ke Ghar To Hanuman Mandir PWD Road Tak.                     | 1.210 | 56.502  | 6.740  | 9.486  | 2.055 | 74.783  |
| 209 | Begusarai | Teghra | Bachhwara  | L021 (PMGSY Road Chiranjeepur) To Rashidpur Chakka.                                            | 1.410 | 62.173  | 7.627  | 10.470 | 2.268 | 82.538  |
| 210 | Begusarai | Teghra | Bachhwara  | Arba me Vijay Yadav Ke Ghar To Panchmukhi Mandir Tak                                           | 1.040 | 61.215  | 5.966  | 10.077 | 2.184 | 79.442  |
| 211 | Begusarai | Teghra | Bhagwanpur | Harichak To Kabiya                                                                             | 0.420 | 20.327  | 3.186  | 3.527  | 0.764 | 27.805  |

# Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

## GENERAL ABSTRACT OF COST

Block:-- Bhagwanpur

District:- Begusarai

Construction Length Of Road:- 1.520 KM

Name Of Road:-- Madhepura college To PWD Road chandaur

| SL. No. | Item of Work                                                                    | Amount               |
|---------|---------------------------------------------------------------------------------|----------------------|
| 1       | INITIAL RECTIFICATION WORKS .                                                   | : 35.797 37.887 Lacs |
| 2       | 5TH YEAR PERIODIC RENEWAL COST .                                                | : 14.868 Lacs        |
|         | TOTAL ESTIMATED COST (1+2)                                                      | : 50.665 52.755 Lacs |
|         | Labour Cess @1%                                                                 | : 0.507 0.528 Lacs   |
|         | Add Seigniorage Fee @10%                                                        | : 0.480 Lacs         |
|         | Sub Total                                                                       | : 51.652 53.762 Lacs |
|         | GST @18%                                                                        | : 9.297 9.677 Lacs   |
| A       | TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"                      | : 60.949 63.439 Lacs |
| 3       | SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION . | : 9.062 Lacs         |
|         | Labour Cess @1%                                                                 | : 0.091 Lacs         |
|         | Add Seigniorage Fee @10%                                                        | : 0.105 Lacs         |
|         | Sub Total                                                                       | : 9.257 Lacs         |
|         | GST @18%                                                                        | : 1.666 Lacs         |
| B       | TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"            | : 10.924 Lacs        |
| C       | SUB TOTAL COST (A+B)                                                            | : 71.873 Lacs        |
| D       | EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"                                   | : 0.000 Lacs         |
| E       | Contingency @ 1% OF "C"                                                         | : 0.719 Lacs         |
| F       | Administrative Cost @ 2.25% OF "C"                                              | : 1.617 Lacs         |
| G       | TOTAL PROJECT COST (C+D+E+F)                                                    | : 74.209 Lacs        |

*[Signature]*  
3-3-2025  
Junior Engineer

Asstt. Engineer

*[Signature]*  
Executive Engineer

*[Signature]*  
SUPERINTENDING ENGINEER  
RURAL WORKS DEPARTMENT  
WORKS CIRCLE-BEGUSARAI

A.A. length 1.52 km vide letter No 365 dte 14/2/25

Details of A.A. :-

Minor Improvement:

Initial Rectification:

5th Year periodic Renewal:

Total Construction Cost (A): — 61.822 L

Total Maintenance Cost (B): — 13.554 L

Other Cost:

Emergency Cost (C): — 2.450 L

Contingency Cost (D): — 77.826

Administrative Cost (E): —

Total (A to F) Cost:

Emergency — 11.306 L

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89.132 L

Details of T.S. :-

Minor Improvement:

Initial Rectification:

5th Year periodic Renewal:

Total Construction Cost (A): — 60.95 L

Total Maintenance Cost (B): — 10.92 L

Other Cost:

Emergency Cost (C): — 2.34 L

Contingency Cost (D): — 74.21 L

Administrative Cost (E): —

Total (A to F) Cost:

T.S. No. 76/24-25 dt. 06/03/25

Ref. SE Letter No. 154 dt. 05/03/25

Technical Sanction Accorded for Rs. 74.21 L

(Rupees. Seventy Four Lacs. Twenty One Paise) Only.

..... 0222 ..... the roads only

Technical Sanction does not mean sanction of rate. Instruction given in technical note should be followed strictly.

6-3-25 A.E.

06/03/25 E.E.

06/03/25 Tec. Secy.

06/03/25 C.E.-3

# GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

LINK ROUTE No. -

NAME OF ROAD :

Madhepura college To PWD Road chandaur

DISTRICT

Begusarai

BLOCK

Bhagwanpur

DIVISION

Teghra

CONST. LENGTH OF ROAD (KM)

1.520

LENGTH OF BT PAVEMENT (M)

1000

LENGTH OF CC PAVEMENT (M)

520

CD STRUCTURES

HUME PIPE

0

RCC SLAB CULVERT

0

BOX CELL CULVERT

0

| Sl. No.         | DESCRIPTION                                                                                                 | AMOUNT (LAKHS)       |
|-----------------|-------------------------------------------------------------------------------------------------------------|----------------------|
| <b>PART-I</b>   | <b>INITIAL RECTIFICATION WORKS.</b>                                                                         |                      |
| 1               | PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING                                                             | 0.223                |
| 2               | EARTHWORK                                                                                                   | 1.758                |
| 3               | GSB GR-II                                                                                                   | 0.000                |
| 4               | WBM GRADE III                                                                                               | 0.000                |
| 5               | WMM GRADE III                                                                                               | 0.000                |
| 6               | PRIME COAT                                                                                                  | 0.000                |
| 7               | PATCH WORK USING MSS                                                                                        | 0.000                |
| 8               | TACK COAT                                                                                                   | 0.718                |
| 9               | BM                                                                                                          | 0.000                |
| 10              | SDBC                                                                                                        | 11.961               |
| 11              | Edging with 1st Class Bricks, Lald Dry Length wise.                                                         | 0.000                |
| 12              | Cement Concrete Pavement (PQC)                                                                              | 17.469               |
| 13              | Interlocking Concrete Block Pavement                                                                        | 0.000                |
| 14              | DRAIN                                                                                                       | 0.000                |
| 15              | PROTECTION WORK                                                                                             | 0.000                |
| 16              | ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, MAINTENANCE BOARD,ROAD SAFETY &PLANTATION OF TREES. | 3.293                |
| 17              | <b>CROSS DRAINAGE STRUCTURES</b>                                                                            |                      |
|                 | HUME PIPE                                                                                                   | 0.000                |
|                 | RCC                                                                                                         | 0.000                |
|                 | BOX                                                                                                         | 0.000                |
|                 | IRRIGATION PIPE (300 MM DIA)                                                                                | 0.230                |
|                 | DISMANTLING OF CD                                                                                           | 0.000                |
|                 | REPAIR OF CD WORK                                                                                           | 0.146                |
|                 | <b>SUB TOTAL OF INTIAL RECTIFICATION WORKS =</b>                                                            | <b>35.797 37.887</b> |
| <b>PART-II</b>  | <b>5TH YEAR PERIODIC RENEWAL COST .</b>                                                                     | <b>14.868</b>        |
|                 | <b>TOTAL ESTIMATED COST (PART-I+PART-II)</b>                                                                | <b>50.665 52.755</b> |
| <b>PART-III</b> | <b>SIX YEARS OPERATION &amp; MANAGEMENT (O&amp;M) COSTS AFTER COMPLETION OF CONSTRUCTION .</b>              |                      |
|                 | I st Year                                                                                                   | 1.520                |
|                 | II nd Year                                                                                                  | 1.622                |
|                 | III rd Year                                                                                                 | 2.013                |
|                 | IV th Year                                                                                                  | 1.761                |
|                 | VI th Year                                                                                                  | 1.020                |
|                 | VII th Year                                                                                                 | 1.126                |
|                 | <b>SUB TOTAL OF =SIX YEARS OPERATION &amp; MANAGEMENT (O&amp;M)</b>                                         | <b>9.062</b>         |
|                 | <b>TOTAL COST (without GST, LC and SF) (PART-I+PART-II+PART-III)(IN LACS) =</b>                             | <b>59.727 61.817</b> |

*2-3-2025*  
JE

AE  
RWD

*2-3-2025*  
EE  
RWD