



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

## BIHAR RURAL ROADS PROJECT

Bihar Rural Development Agency (BRRDA)

PLAN HEAD :- F.D.R. 2245

A.A. COPY

YEAR (2021-22)

State :- BIHAR

District :- Darbhanga

Block :- MANIGACHHI

**Makranda Se Baneshwarii Bhagwati Sthan**

|                               |    |                        |
|-------------------------------|----|------------------------|
| Actual Length of Road         | =  | 4.000 Km               |
| Flood affected Length of Road | =  | 0.363 Km               |
| TOTAL COST OF PAVEMENT        | Rs | 1,444,330.00 816591.00 |
| TOTAL PROJECT COST            | Rs | 1,444,330.00 816591.00 |

Submitted By:  
Executive Engineer  
RWD (W) Division, Darbhanga-2

Prepared By:  
Executive Engineer  
RWD (W) Division, Darbhanga-2

# Inspection Report for Flood Damage Work

Date :- 30.11.21

Name of PIU :- Executive Engineer, RWD, Works Division, ~~Mandla~~ Dambhanga-2

Name of Block :- Manigaehhi, R.W.D. Works Divn. Dambhanga-2

Name of Road :- Makanda le Baneshwari Bhagnati Sthan.

(A) For Road :-

1. Damage Location/Chainage :- CH 100M, 700, 800, 1000, 1200, 1500, 1600, 1700, 1800, 1850, 2150, 2200M. 2250, 2400, 3100, 3200M.

2. Damage Length :- 334.00M

3. Nature of Damage :- Road Breach and Erosion of Shoulder

4. Details of Restoration Work :-

(i) Material being used in Restoration Works :- Brick Bats.

(ii) Equipment's/Tools being used in Restoration works :- Tractor, Rammer etc.

(iii) Procedure taken up in Restoration Works :- Manual Laying and Compacting of Brick Bats.

(iv) Restored Length :- 334.00 M

(B) For Bridge :-

1. Damage Location/Chainage :-

2. Damage Length :-

3. Nature of Damage :-

4. Details of Restoration Work :-

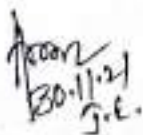
(i) Material being used in Restoration Works :-

(ii) Equipment's/Tools being used in Restoration works :-

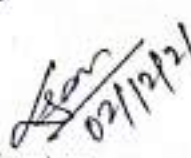
(iii) Procedure taken up in Restoration Works :-

(iv) Restored Length :-

work found Satisfactory

  
30.11.21  
J.E.  
Signature of JE/AE/EE

  
30.11.21  
AE

  
02/12/21  
Signature

(Name of Inspecting Officer)



# SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :- Makranda Se Baneshwaril Bhagwati Sthan  
 DISTRICT :- Darbhanga  
 BLOCK :- MANIGACHHI  
 Actual Length of Road :- 4.000 Km  
 Flood Affected Length of Road :- 0.363 Km

|                                              |                                                                                                        | Lead in Km | 7 | + | 1                                    |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------|------------|---|---|--------------------------------------|
| Sr. No.                                      | Description                                                                                            |            |   |   | Amount (In Rs.)                      |
| 1                                            | Brick bats                      Total Qty. = <del>609.73</del> 344.728                      @ 2,004.96 |            |   |   | <del>1,222,483.00</del><br>691165.00 |
| 2                                            | Add GST @ 12% =                                                                                        |            |   |   | <del>146,698.00</del><br>82935.00    |
| 3                                            | Add Labour Cess @ 1% =                                                                                 |            |   |   | <del>12,225.00</del><br>6911.00      |
| 4                                            | S.F. @10% on material(Brick Bats)=                                                                     |            |   |   | <del>62,924.00</del><br>35576.00     |
| TOTAL RESTORATION COST OF THE PROJECT IN Rs. |                                                                                                        |            |   |   | <del>1,444,330.00</del><br>816591.00 |

Post facto T/B for Rs 816591/- (Rs Eight Lacs Sixteen Thousand Five hundred ninety one only.)

Superintending Engr.,  
 RWD Works Circle, Darbhanga

*[Signature]*  
 Junior Engineer

RWD (W) Division, Darbhanga-2

*[Signature]*  
 Assistant Engineer

RWD (W) Division, Darbhanga-2

*[Signature]*  
 Executive Engineer

RWD (W) Division, Darbhanga-2

# Estimate for Temporary Restoration of Flood affected Road

Name of Road:- Makranda Se Baneshwari Bhagwati Sthan

BLOCK :- MANIGACHHI

District:- Darbhanga

## SUB HEAD : BRICK BATS

Laying & Distribution of Brick bats on affected Road portion as per specification to meet the required slope and proper light Ramming from a specified lead as per direction of E/L.

| Sl No | Chainage |    | Unit | Nos. | Length (m)                         | Width (m)                       | Depth/Thickness (m)             | Quantity                                 | Rate (In Rs.) | Amount (In Rs.) |
|-------|----------|----|------|------|------------------------------------|---------------------------------|---------------------------------|------------------------------------------|---------------|-----------------|
|       | From     | To |      |      |                                    |                                 |                                 |                                          |               |                 |
| 1     | 100      |    | Cum  | 1.00 | 17.00<br><del>26.00</del><br>1.00  | 1.00<br><del>1.20</del><br>1.00 | 0.30                            | 5.100<br><del>5.000</del><br>5.100       | 2,004.96      | 18,045.0        |
| 2     | 700      |    | Cum  | 1.00 | 14.00                              | 1.50<br><del>1.60</del><br>1.50 | 0.35                            | 51.500<br><del>51.500</del><br>51.500    | 2,004.96      | 63,156.0        |
| 3     | 800      |    | Cum  | 1.00 | 15.00<br><del>20.00</del><br>15.00 | 5.00<br><del>5.25</del><br>5.00 | 1.00<br><del>1.50</del><br>1.00 | 140.825<br><del>140.825</del><br>140.825 | 2,004.96      | 2,81,948.00     |
| 4     | 1000     |    | Cum  | 1.00 | 10.00                              | 1.00                            | 0.35                            | 2.500<br><del>4.500</del><br>2.500       | 2,004.96      | 9,022.0         |
| 5     | 1200     |    | Cum  | 1.00 | 30.00                              | 2.20<br><del>3.00</del><br>2.20 | 0.30                            | 25.000<br><del>45.000</del><br>25.000    | 2,004.96      | 90,223.0        |
| 6     | 1500     |    | Cum  | 1.00 | 30.00                              | 3.75                            | 0.60                            | 67.500                                   | 2,004.96      | 1,35,335.00     |
| 7     | 1600     |    | Cum  | 1.00 | 5.00                               | 1.00                            | 0.30                            | 1.000<br><del>1.500</del><br>1.000       | 2,004.96      | 3,007.0         |
| 8     | 1700     |    | Cum  | 1.00 | 28.00                              | 3.75                            | 0.30<br><del>0.30</del><br>0.30 | 51.300<br><del>47.250</del><br>51.300    | 2,004.96      | 94,734.0        |
| 9     | 1800     |    | Cum  | 1.00 | 10.00                              | 1.00                            | 0.30                            | 3.000<br><del>3.000</del><br>3.000       | 2,004.96      | 6,015.0         |
| 10    | 1850     |    | Cum  | 1.00 | 5.00                               | 2.25<br><del>3.75</del><br>2.25 | 0.45                            | 7.125<br><del>8.438</del><br>7.125       | 2,004.96      | 16,917.0        |
| 11    | 2150     |    | Cum  | 1.00 | 17.00                              | 4.00<br><del>5.00</del><br>4.00 | 0.40                            | 24.630<br><del>51.000</del><br>24.630    | 2,004.96      | 1,02,253.00     |
| 12    | 2200     |    | Cum  | 1.00 | 25.00                              | 3.75                            | 0.30<br><del>0.45</del><br>0.30 | 26.175<br><del>42.188</del><br>26.175    | 2,004.96      | 1,12,779.00     |
|       |          |    |      |      |                                    |                                 |                                 |                                          |               | 84,584.0        |

60.303.232



| Sl No | Chainage |    | Unit | Nos. | Length (m) | Width (m)               | Depth/Thickness (m)            | Quantity                      | Rate (In Rs.) | Amount (In Rs.)                       |
|-------|----------|----|------|------|------------|-------------------------|--------------------------------|-------------------------------|---------------|---------------------------------------|
|       | From     | To |      |      |            |                         |                                |                               |               |                                       |
| 13    | 2250     |    | Cum  | 1.00 | 10.00      | 3.75                    | 0.25                           | 9.375<br><del>32.500</del>    | 2,004.96      | 45,112.0                              |
| 14    | 2400     |    | Cum  | 1.00 | 4.00       | 1.00                    | 0.20                           | 0.80<br><del>1.200</del>      | 2,004.96      | 2,406.0                               |
| 15    | 3100     |    | Cum  | 1.00 | 8.00       | 3.75                    | 0.15                           | 0.50<br><del>15.000</del>     | 2,004.96      | 30,073.0                              |
| 16    | 3200     |    | Cum  | 1.00 | 42.00      | $\frac{1.00 + 1.00}{2}$ | 0.00                           | 15.120<br><del>35.280</del>   | 2,004.96      | 70,735.0                              |
|       |          |    |      | 1.00 | 40.00      | $\frac{1.00 + 1.00}{2}$ | 0.15 + 0.50<br><del>0.50</del> | 11.70<br><del>28.000</del>    | 2,004.96      | 56,139.0                              |
|       |          |    |      |      | 363.000    |                         |                                | 344.738<br><del>409.738</del> | Total Amt.    | 69,1165.00<br><del>12,22,405.00</del> |

*Mani*  
Junior Engineer  
RWD (W) Division, Darbhanga-2

Assistant Engineer  
RWD (W) Division, Darbhanga-2

*Mani*  
Executive Engineer  
RWD (W) Division, Darbhanga-2

Verified and corrected as per site condition  
Qty of Brick Bat - 344.738 m<sup>3</sup>

from  
20.11.21  
J.E.

*Mani*  
20.11.21  
A.E.

*Mani*  
20.11.21  
E.E.