

## Index of Road

NAME OF ROAD :-

Puraini Dumrail Chowk to Makdampur.

DISTRICT :- Madhepura

BLOCK :- Puraini

Head :- F.D.R.

Year :- 2020-21

TOTAL COST OF PAVEMENT :-

| Sr. No. | Description                                 | Page No. |
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FDR RESTORATION WORK  
YEAR (2020-21)

GENERAL ABSTRACT OF COST

|                |                                    |            |           |
|----------------|------------------------------------|------------|-----------|
| BLOCK :-       | Puraini                            | DISTRICT:- | Madhepura |
| Name of Road:- | Puraini Dumrail chowk to Makdampur |            |           |

| S.No. | Description of Items      |     | Amounts          |
|-------|---------------------------|-----|------------------|
| A     | TOTAL COST OF RESTORATION | Rs. | 666643.24        |
| B     | Add @12% GST              | Rs. | 79997.19         |
| C     | Add @1% Labour Cess       | Rs. | 6666.43          |
|       | Total (A+B+C)             | Rs. | 753306.86        |
|       | Say                       | Rs. | <b>753307.00</b> |

*[Signature]*  
24/11/2020  
J.E.

RWD (W) Division, Udakishanganj

*[Signature]*  
24/11/2020  
A.E.

RWD (W)  
Division, Udakishanganj

*[Signature]*  
24/11/2020  
E.E.

RWD (W) Division, Udakishanganj

*Technically approved for Rs= 753306.86 (Seven lakh thirty three thousand three hundred only.)*

*[Signature]*  
13/11/2020

Superintending Engineer  
Rural Works Department  
Works Circle Madhepura

## Details of Measurement

| कार्य का ब्यौरा<br>Deatail of Work |                                                                                          | संख्या<br>No.                      | पैमाईस          |                 |       | मात्रा<br>Quantity |
|------------------------------------|------------------------------------------------------------------------------------------|------------------------------------|-----------------|-----------------|-------|--------------------|
|                                    |                                                                                          |                                    | लम्बाई<br>in m. | चौड़ाई<br>In m. | In m. |                    |
| NAME OF WORKS :-                   |                                                                                          | Puraini Dumrail chowk to Makdampur |                 |                 |       |                    |
| Item No. 1                         | Sand Filling in ditch & breach portion of road as per Drawing & Technical Specification. |                                    |                 |                 |       |                    |
|                                    |                                                                                          | 0                                  | 7               | 4.5             | 0.90  | 0.000              |
| Item No. 2 :                       | Laying Brick Bat....                                                                     | Total (in Cum)                     |                 |                 |       | 0.000              |
| Ch--in 1st Km.                     |                                                                                          | 1                                  | 10              | 2.50            | 0.45  | 11.250             |
|                                    |                                                                                          | 1                                  | 3               | 0.50            | 0.40  | 0.600              |
|                                    |                                                                                          | 1                                  | 5               | 3.75            | 0.35  | 6.563              |
|                                    |                                                                                          | 1                                  | 20              | 3.75            | 0.45  | 33.750             |
|                                    |                                                                                          | 1                                  | 3               | 1.00            | 0.50  | 1.500              |
|                                    |                                                                                          | 1                                  | 4               | 0.60            | 0.45  | 1.080              |
|                                    |                                                                                          | 1                                  | 6               | 1.50            | 0.50  | 4.500              |
|                                    |                                                                                          | 1                                  | 4               | 0.20            | 0.35  | 0.280              |
|                                    |                                                                                          | 1                                  | 8               | 1.50            | 0.35  | 4.200              |
|                                    |                                                                                          | 1                                  | 3               | 2.00            | 0.30  | 1.800              |
|                                    |                                                                                          | 1                                  | 4               | 3.75            | 0.40  | 6.000              |
|                                    |                                                                                          | 4                                  | 10              | 3.75            | 0.50  | 75.000             |
|                                    |                                                                                          | 1                                  | 11              | 1.25            | 0.45  | 6.188              |
|                                    |                                                                                          | 1                                  | 1               | 3.75            | 0.30  | 1.125              |
|                                    |                                                                                          | 1                                  | 5               | 0.60            | 0.30  | 0.900              |
|                                    |                                                                                          | 1                                  | 6               | 0.90            | 0.35  | 1.890              |
|                                    |                                                                                          | 1                                  | 3               | 1.00            | 0.45  | 1.350              |
|                                    |                                                                                          | 5                                  | 15              | 3.00            | 0.35  | 78.750             |
|                                    |                                                                                          | 1                                  | 11              | 1.50            | 0.40  | 6.600              |
|                                    |                                                                                          | 1                                  | 5               | 3.75            | 0.45  | 8.438              |
|                                    |                                                                                          | 1                                  | 8               | 2.00            | 0.30  | 4.800              |
|                                    |                                                                                          | 1                                  | 20              | 3.75            | 0.30  | 22.500             |
|                                    |                                                                                          | 1                                  | 2               | 0.50            | 0.35  | 0.350              |
|                                    |                                                                                          | 1                                  | 3               | 1.00            | 0.50  | 1.500              |
|                                    |                                                                                          | 1                                  | 4               | 2.50            | 0.40  | 4.000              |
|                                    |                                                                                          | 1                                  | 1.5             | 3.75            | 0.35  | 1.969              |
|                                    |                                                                                          | 1                                  | 1               | 3.00            | 0.40  | 1.200              |
|                                    |                                                                                          | 1                                  | 8               | 1.50            | 0.25  | 3.000              |
|                                    |                                                                                          | 1                                  | 6               | 1.50            | 0.35  | 3.150              |
|                                    |                                                                                          | 4                                  | 10              | 0.50            | 0.40  | 8.000              |
|                                    |                                                                                          | 1                                  | 1               | 1.25            | 0.35  | 0.438              |
|                                    |                                                                                          | 1                                  | 7               | 1.00            | 0.40  | 2.800              |
|                                    |                                                                                          | 1                                  | 5               | 2.50            | 0.35  | 4.375              |
| Ch--in 2nd Km.                     |                                                                                          | 1                                  | 1               | 0.50            | 0.35  | 0.175              |
|                                    |                                                                                          | 1                                  | 16              | 0.50            | 0.30  | 2.400              |
|                                    |                                                                                          | 1                                  | 3               | 0.75            | 0.35  | 0.788              |
|                                    |                                                                                          | 1                                  | 8               | 2.00            | 0.45  | 7.200              |
|                                    |                                                                                          | 1                                  | 15              | 1.25            | 0.30  | 5.625              |
|                                    |                                                                                          | 1                                  | 4               | 0.75            | 0.35  | 1.050              |
|                                    |                                                                                          | 1                                  | 6               | 0.50            | 0.40  | 1.200              |
|                                    |                                                                                          | 1                                  | 2               | 1.25            | 0.35  | 0.875              |
|                                    |                                                                                          | 1                                  | 4               | 2.50            | 0.45  | 4.500              |
|                                    |                                                                                          | 1                                  | 4               | 0.30            | 0.40  | 0.480              |
|                                    |                                                                                          | 1                                  | 3               | 0.50            | 0.30  | 0.450              |
|                                    |                                                                                          | 1                                  | 2               | 0.30            | 0.35  | 0.210              |
|                                    |                                                                                          | 1                                  | 3               | 0.60            | 0.30  | 0.540              |



|            |                                                                                                                                                                                                                                 |    |      |      |         |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|------|---------|
|            | 1                                                                                                                                                                                                                               | 3  | 0.50 | 0.35 | 0.525   |
|            | 1                                                                                                                                                                                                                               | 6  | 0.50 | 0.30 | 0.900   |
|            | 1                                                                                                                                                                                                                               | 15 | 0.60 | 0.40 | 3.600   |
|            | 1                                                                                                                                                                                                                               | 9  | 3.75 | 0.45 | 15.188  |
|            |                                                                                                                                                                                                                                 |    |      |      | 355.549 |
| Item No. 3 | Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I                                                                              |    |      |      |         |
|            | For Bamboo piling 1.25m                                                                                                                                                                                                         |    |      |      |         |
|            | Total (in m)                                                                                                                                                                                                                    |    |      |      | 0.000   |
|            | Total length of Bamboo piling( in m)=1.25m piling length/1.25x3                                                                                                                                                                 |    |      |      | 0.00    |
| Item No. 5 | Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 38 swg G.I. wire including cost of G.I wire or nails complete job as per specification and direction of E/I |    |      |      |         |
|            | Total (in m)                                                                                                                                                                                                                    |    |      |      | 0.00    |
| Item No. 6 | Supply of Bamboo at site.                                                                                                                                                                                                       |    |      |      |         |
|            | Total (in m)                                                                                                                                                                                                                    |    |      |      | 0.00    |
|            | 1Nos. Bamboo=6m.                                                                                                                                                                                                                |    |      |      |         |
|            | Total (in nos.)                                                                                                                                                                                                                 |    |      |      | 0.00    |
|            |                                                                                                                                                                                                                                 |    |      |      | 0.00    |
| Item No. 7 | Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I                             |    |      |      |         |
|            | Total (in nos.)                                                                                                                                                                                                                 |    |      |      | 0.00    |

*Shree*  
24/11/2020

*AK*  
24/11/2020

*CS*  
24/11/2020

## Schedule of Quantity

NAME OF WORKS :-

Puraini Dumrail chowk to Makdampur

BLOCK Puraini

| S.No | SOR NO   | DESCRIPTION                                                                                                                                                                                                                                | QTY    | UNIT | RATE    | AMOUNT    |
|------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|---------|-----------|
| 1    | 12.3     | Sand Filling in Foundation Trenches as per Drawing & Technical Specification.                                                                                                                                                              | 0.00   | Cum  | 535.35  | 0.00      |
| 2    | A/R      | Providing & laying Brick Bat...                                                                                                                                                                                                            |        |      |         |           |
|      |          | Providing and laying of Brick bat obtained from chimney with machanical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge. | 355.55 | Cum  | 1874.97 | 666643.24 |
| 3    | 5.7.7    | Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I                                                                                         | 0.00   | m    | 41.91   | 0.00      |
| 4    | 5.7.8    | Labour for fitting and fixing Split bamboo woven chachari in position with 20 swg G.I wire or 75 mm to 100 mm long nails alternatively including cost of G.I. wire or nails complete job as per specification and direction of E/I         | 0.00   | sqm  | 626.41  | 0.00      |
| 5    | 5.7.9    | Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 38 swg G.I. wire including cost of G.I wire or nails complete job as per specification and direction of E/I            | 0.00   | m    | 5.06    | 0.00      |
| 6    |          | Supply of Bamboo at site.                                                                                                                                                                                                                  | 0.00   | nos. | 155.65  | 0.00      |
| 7    | 5.7.40.1 | Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I                                        | 0.00   | Each | 34.75   | 0.00      |
| 8    |          | Supply of Nylon Crate of size 1mx1mx1m at site.                                                                                                                                                                                            | 0.00   | Each | 42.20   | 0.00      |
|      |          | Total                                                                                                                                                                                                                                      |        |      | Rs.     | 666643.24 |

*Shree*  
24/11/2020  
JE

*AK*  
24/11/2021  
AE

*CE*  
24/11/21  
EE

# Analysis for Carriage by Road

Name of Road:- *Nyayim Dummuyi Chalk to Nyakhandumpan*  
 Block :- *Nyayim*  
 District:- *Madhepura*

| Sl No | Item       | Unit | Source | Carriage Cost & Lead in Km |   |       |   |                   |      |           |      |   |         |   |         | Loading & Unloading Cost | Carriage Cost by Rail Head | Total     |           |
|-------|------------|------|--------|----------------------------|---|-------|---|-------------------|------|-----------|------|---|---------|---|---------|--------------------------|----------------------------|-----------|-----------|
|       |            |      |        | Pucka / Surface            |   |       |   | Kuchcha / Surface |      |           |      |   |         |   |         |                          |                            |           |           |
| 1     | Brick Bats | Nos  | Local  | 3.60                       | x | 18.58 | x | 5.00 Km           | =    | Rs 148.64 | 3.60 | x | 29.03   | x | 2.00 Km | =                        | Rs 92.90                   | Rs 184.38 | Rs 425.92 |
|       |            |      |        | 2.25                       |   |       |   |                   | 2.25 |           |      |   |         |   |         |                          |                            |           |           |
| 2     | Local Sand | cum  | Local  | 3.60                       | x | 18.58 | x | 2.00 Km           | =    | Rs 59.46  | 3.60 | x | 29.03   | x | 1.00 Km | =                        | Rs 46.45                   | Rs 184.38 | Rs 290.29 |
|       |            |      |        | 2.25                       |   |       |   |                   | 2.25 |           |      |   |         |   |         |                          |                            |           |           |
| 3     | Bamboo     | Nos  | Local  | 3.6                        | x | 18.58 | x | 2.00 Km           | =    | Rs 59.46  | 3.60 | x | 29.0805 | x | 1.00 Km | =                        | Rs 46.53                   | Rs 184.38 | Rs 290.37 |
|       |            |      |        | 2.25                       |   |       |   |                   | 2.25 |           |      |   |         |   |         |                          |                            |           |           |

Cost of Haulage Excluding Loading & Unloading as per SOR

\* Subjected to Verification of Lead

| Type of Road          | Per Ton. Km by Tractor |
|-----------------------|------------------------|
| For Surface Road      | 18.58                  |
| Unsurface Gravel Road | 23.21                  |
| Kachha Road           | 29.03                  |

*24/11/2020*  
 Junior Engineer

*24/11/2020*  
 Asstt. Engineer

*24/11/2020*  
 Executive Engineer  
 RWD (W) Division, Udakishangani