

**GOVERNMENT OF BIHAR****UNDER FLOOD DAMAGE REPAIR****Estimate for Restoration of Traffic**

|                   |                       |                |                  |
|-------------------|-----------------------|----------------|------------------|
| <b>DISTRICT :</b> | <b>WEST CHAMPARAN</b> | <b>BLOCK :</b> | <b>MAJHAULIA</b> |
|-------------------|-----------------------|----------------|------------------|

|                        |
|------------------------|
| <b>YEAR(2020-2021)</b> |
|------------------------|

|                       |                                   |
|-----------------------|-----------------------------------|
| <b>NAME OF ROAD :</b> | <b>HARPUR TO T01 HARPUR CHOWK</b> |
|-----------------------|-----------------------------------|

|                          |   |        |     |  |
|--------------------------|---|--------|-----|--|
| Total Length             | : | 0.110  | KMS |  |
| Cost of Pavement (Rs.)   | : | 995138 |     |  |
| Total Cost Of Road (Rs.) | : | 995138 |     |  |

**SUBMITTED BY****Executive Engineer RWD****Works Division, Bettiah**

**कार्यपालक अभियंता का कार्यालय,  
ग्रामीण कार्य विभाग, कार्य प्रमंडल बगहा -1।**

पत्रांक..... / दिनांक.....

प्रेषक,

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा -1

सेवा में,

अधीक्षक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अंचल बेतिया

विषय:-

वर्ष 2020 के बाढ़ में क्षतिग्रस्त पथों को मोटरेबुल कराने हेतु किये गये कार्यों की जांच के संबंध में।

प्रसंग:-

भवदीय का पत्रांक -1312/ बेतिया दिनांक - 26.08.2020।

महाराज,

उपर्युक्त विषयक प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, बेतिया द्वारा उपलब्ध कराये गए मोटरेबुल पथों की सूची में अंकित पथों का निरीक्षण अधोहस्ताक्षरी द्वारा सहायक अभियंता, श्री अजय कुमार एवं सहायक अभियंता, विरलाल जायसवाल के साथ किया गया। निरीक्षण के दौरान कार्य प्रमंडल, बेतिया द्वारा प्रतिवेदित सभी पथों पर यातायात चालू है। अग्रेतर कार्रवाई हेतु समर्पित किया जाता है।

अनु०- निरीक्षण किये गये पथों की सूची संलग्न।

(अजय कुमार)  
सहायक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा -1

(विरलाल जायसवाल)  
सहायक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा -1

विश्वासभाजन

हस्ताक्षर

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-1

ज्ञापक 2833 / बगहा-1 दिनांक 28/12/2020

प्रतिलिपि :- कार्यपालक अभियंता ग्रा० का० वि० कार्य प्रमंडल, बेतिया को सूचनार्थ प्रेषित।

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा -1

**ROAD DETAILS OF FOR 2020**  
**Works Div. Bettiah**

| S. No. | Block     | Name of Road                                    | Road Length (KM) | Damage Length (KM) | Estimated Amount<br>₹ (Lacs) |
|--------|-----------|-------------------------------------------------|------------------|--------------------|------------------------------|
| 1      | Yogapatti | L056-BHAWANIPUR TO RAMNA                        | 3.800            | 0.336              | Motorable                    |
| 2      | Yogapatti | kawalpur to Dhabelwa Madrasa (L065)             | 4.078            | 0.412              | Motorable                    |
| 3      | Yogapatti | Nawalpur Chowk to Sirkahiya                     | 9.500            | 0.734              | Motorable                    |
| 4      | Yogapatti | BETTIAH NAWALPUR - KHARATIA NAWALPUR            | 12.560           | 0.340              | Motorable                    |
| 5      | Yogapatti | BETTIAH NAWALPUR - Kewlapur                     | 4.478            | 0.590              | Motorable                    |
| 6      | Yogapatti | DUMARI - MANDATPUR                              | 5.814            | 0.361              | Motorable                    |
| 7      | Yogapatti | L091-Paltu Sah Ke Bagicha To Lakra (TRACK91)    | 2.755            | 0.305              | Motorable                    |
| 8      | Yogapatti | L023 Dumari to Bakhi                            | 1.200            | 0.225              | Motorable                    |
| 9      | Yogapatti | L024 to Brahman Tolam tola                      | 1.500            | 0.491              | Motorable                    |
| 10     | Yogapatti | PMGSY Fatepur to Chamukha                       | 1.315            | 0.528              | Motorable                    |
| 11     | Yogapatti | L116-Gardardahiya to Hariharpur Tola (TRACK116) | 2.250            | 0.210              | Motorable                    |
| 12     | Yogapatti | Dhadhwa to Mushar toli                          | 3.540            | 0.179              | Motorable                    |
| 13     | Majhulia  | Bin toli to nuniya tola                         | 2.580            | 0.321              | Motorable                    |
| 14     | Majhulia  | Sariswa PWD to Majhi tola                       | 1.430            | 0.179              | Motorable                    |
| 15     | Majhulia  | PMGSY TO Dhankutwa                              | 1.120            | 0.394              | Motorable                    |
| 16     | Majhulia  | Sariswa market to MR Road                       | 1.200            | 0.150              | Motorable                    |
| 17     | Majhulia  | Bakulahat to Bankat                             | 1.815            | 0.135              | Motorable                    |
| 18     | Majhulia  | Harpur to T01 to harpur Chowk                   | 2.840            | 0.163              | Motorable                    |
| 19     | Majhulia  | Sariswa Dhodha to Turba toli                    | 2.080            | 0.126              | Motorable                    |
| 20     | Majhulia  | harpur chowk to harpur primary school           | 2.830            | 0.105              | Motorable                    |
| 21     | Majhulia  | MNP Road Middle school to bada semra writ       | 2.550            | 0.130              | Motorable                    |
| 22     | Majhulia  | Mahanwa to Parsa                                | 10.220           | 0.218              | Motorable                    |
| 23     | Majhulia  | L106 PMGSY to Bin Toli                          | 1.500            | 0.060              | Motorable                    |
| 24     | Majhulia  | Pipra Ganauti to Lalgarh Path                   | 6.500            | 0.340              | Motorable                    |
| 25     | Majhulia  | Amwa Majhar to Farwa path                       | 2.000            | 0.135              | Motorable                    |
| 26     | Majhulia  | Bakhariya to karmawa                            | 5.000            | 0.374              | Motorable                    |
| 27     | Majhulia  | Semraghat to Briti tola                         | 1.500            | 0.120              | Motorable                    |
| 28     | Majhulia  | L056-Sekh toli to malah Toli                    | 2.100            | 0.140              | Motorable                    |
| 29     | Majhulia  | Parsa To Dumariya majhulia                      | 3.000            | 0.450              | Motorable                    |
| 30     | Majhulia  | Mahanwa to Rampurwa To bakulia tola             | 4.000            | 0.533              | Motorable                    |
| 31     | Majhulia  | L073-T02 to Gudra                               | 4.550            | 0.281              | Motorable                    |
| 32     | Majhulia  | Baghambar pur to Semra Ghat (2.1 km)            | 2.100            | 0.240              | Motorable                    |
| 33     | Majhulia  | Barwa to Bhogari                                | 4.648            | 0.219              | Motorable                    |
| 34     | Majhulia  | Baghambar pur to Semra Ghat (2.00 km)           | 2.000            | 0.412              | Motorable                    |
| 35     | Majhulia  | L047 to jagamba tola                            | 1.585            | 0.030              | Motorable                    |
| 36     | Majhulia  | PMGSY to Bairagi Dih                            | 2.125            | 0.188              | Motorable                    |
| 37     | Majhulia  | Man Road to Nayaka tola to mathiya Writ         | 1.650            | 0.128              | Motorable                    |
| 38     | Bettiah   | Bettiah police Line road                        | 0.560            | 0.221              | Motorable                    |

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|       |         |                                             |        |       |           |
|-------|---------|---------------------------------------------|--------|-------|-----------|
| 39    | Bettiah | Dairy Farm to Kura Beldari                  | 1.000  | 0.364 | Motorable |
| 40    | Nautan  | Aneraj Bettiah Road Nawak tola to Lilapatti | 8.000  | 0.468 | Motorable |
| 41    | Nautan  | KR High School to Sofwa tola                | 1.500  | 0.116 | Motorable |
| 42    | Nautan  | Tarkulwa to Mangalpur                       | 5.680  | 0.100 | Motorable |
| 43    | Nautan  | Jagdishpur to Machhargawan                  | 7.350  | 0.823 | Motorable |
| 44    | Bairia  | Islam chowk to Bathani                      | 2.500  | 0.520 | Motorable |
| 45    | Bairia  | Bettiah Sanighat to Pujha                   | 12.200 | 0.022 | Motorable |
| 46    | Bairia  | Sathghat to palhanaha                       | 11.500 | 0.275 | Motorable |
| 47    | Bairia  | Hat sarlay to Khushi tola                   | 1.600  | 0.401 | Motorable |
| 48    | Bairia  | Bairiya to Harhi Bridge (Tumkaiya Chowk)    | 2.500  | 0.342 | Motorable |
| 49    | Bairia  | Machhargawan to fatu chhapar                | 2.800  | 0.233 | Motorable |
| 50    | Bairia  | T01 to Tadhawa nandpur                      | 3.217  | 0.221 | Motorable |
| 51    | Bairia  | Police chowki to Koerpatti                  | 0.930  | 0.264 | Motorable |
| Total |         |                                             | 187.05 | 14.65 |           |

*[Signature]*  
28/1/2020

*[Signature]*  
28/1/2020  
A.E.

*[Signature]*  
28/1/2020

Executive Engineer,  
RWD, Works Div. Sagaha-1

बिहार सरकार  
ग्रामीण कार्य विभाग

पत्रांक - मु0अ0-4 (मु0) विविध (कार्य)-23-40/16 - 2254

पटना, दिनांक 30/6/2020

प्रेषक,

पंकज कुमार पाल,  
सचिव

सेवा में,

सभी कार्यपालक अभियंता,  
ग्रामीण कार्य विभाग,  
बिहार, पटना।

विषय-

संभावित अतिवृष्टि/बाढ़ के कारण क्षतिग्रस्त पथों के आपातकालीन मरम्मत के संबंध में।

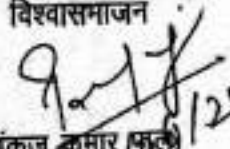
महाशय,

उपर्युक्त विषय के संबंध में कहना है कि राज्य में मानसून अति सक्रिय है जिसके कारण बाढ़ प्रवण जिलों में पथों के क्षतिग्रस्त होने की संभावना है। अतः निदेश दिया जाता है कि वर्तमान मानसून के दौरान अतिवृष्टि/बाढ़ से क्षतिग्रस्त पथों को मोटरेबुल बनाने का कार्य तत्परता से प्राथमिकता में किया जाय जिससे कि पथों में यातायात कम से कम समय तक बाधित रहे। इस क्रम में यह भी निदेश है कि जिला प्रशासन के साथ वर्षा-अवधि के दौरान लगातार समन्वय रखी जाय एवं उनसे प्राप्त पथों की मरम्मत का कार्य प्राथमिकता में कराया जाय।

ऐसे पथ जिनकी अनुस्क्षण नीति के अन्तर्गत मरम्मत कार्य की निविदा प्रक्रिया में है उनको भी मोटरेबुल बनाए रखना विभाग का दायित्व है। इन्हें मोटरेबुल बनाए रखने में यदि प्राक्कलन में प्राक्धानित मदों का उपयोग किया जाना आवश्यक हो तो वैसे स्थिति में एकशरनामा करने के समय इन मदों की उतनी मात्रा परिमाण विपत्र में से घटा दिया जाए।

क्षेत्रीय पदाधिकारी वर्षा-अवधि के दौरान बिना जिलाधिकारी अथवा अधोहस्ताक्षरी की अनुमति के मुख्यालय नहीं छोड़ेंगे।

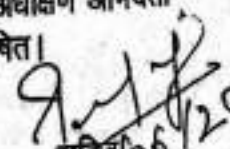
विश्वासमाजन

  
(पंकज कुमार पाल)  
सचिव 30/6/2020

ज्ञापक:- मु0अ0-4 (मु0) विविध (कार्य) 23-40/16 - 2254

पटना, दिनांक 30/06/2020

प्रतिलिपि:- सभी प्रमंडल आयुक्त/जिलाधिकारी/सभी मुख्य अभियंता/सभी अधीक्षण अभियंता  
ग्रामीण कार्य विभाग, बिहार, पटना को सूचनार्थ एवं आवश्यक कारवाई हेतु प्रेषित।

  
सचिव 30/6/2020

## TECHNICAL REPORT

Name of Road :- Harpur to T.01 Harpur chowk

Name of Block :- Majhauria

Name of Division :- Works Division, Bettiah

Name of District :- West Champaran

Estimated Cost :- Rs 9,95,138/-

Restoration Length :- 0.110 KM

This Estimate is prepared for Restoration of ..... Harpur to T.01.....  
..... Harpur chowk

..... road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide,  
शासक: मु०अ० -4 (मु०) विविध (कार्य) 23 -10/16-2254 पटना, दिनांक 30.06.2020. Road remains effected

from flooded about 01 to 02 weeks and heavy amount of water passed through it.

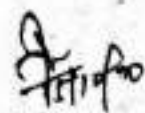
Honorable Chief Minister/Secretary, Rural Works Department, Bihar, Patna/D.M., West Champaran,  
Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the  
earliest so that public of this area may get connected and for the same Departmental instruction has also  
been issued to fill the gap made by flooded immediately.

The area surrounding is submerged in water and hence provision of ..... Brick balls.....  
..... has been made to

maintain the road damage due to flood/heavy rainfall as per availability of material from available place by  
tractor. Presently there is no Contractor is employed for Construction and Maintenance of this road hence  
the work has been carried out Departmentally and due to this, provision of Contractor profit is not  
mentioned in the estimate.

In view of above, it is requested to approve the estimate amounting to Rs. 9,95,138/- please.

Submitted for Technical Approval please.



Junior Engineer,  
Majhauria



Assistant Engineer,  
Majhauria



Executive Engineer  
R.W.D.(W) Division, Bettiah

**(RURAL WORKS DEPARTMENT, GOVT. OF BIHAR)**  
**COST ESTIMATE FOR traffic Restoration**

Name of Road: HARPUR TO T01 HARPUR CHOWK  
 District: WEST CHAMPARAN

Block: MAJHAULIA Length: 110.000 m  
 Cutting length 110 M

| S. No. | SOR Item No. | Description | No | Length (M) | Width (M) | H/D (M) | Qty. | Unit | Rates (in Rs.) | Amount |
|--------|--------------|-------------|----|------------|-----------|---------|------|------|----------------|--------|
|--------|--------------|-------------|----|------------|-----------|---------|------|------|----------------|--------|

|  |     |                                                                                                  |  |  |  |  |        |     |         |           |
|--|-----|--------------------------------------------------------------------------------------------------|--|--|--|--|--------|-----|---------|-----------|
|  | RCD | Laying brick bats on prepared soil surface as per Specification & direction of Engineer Incharge |  |  |  |  |        |     |         |           |
|  |     | As PER Measurment                                                                                |  |  |  |  | 490.95 | cum | 1703.77 | 836467.66 |
|  |     | Total Road work                                                                                  |  |  |  |  |        |     |         | 836467.66 |
|  |     | Say Rs.                                                                                          |  |  |  |  |        |     |         | 836467.66 |
|  |     | Add GST @12%                                                                                     |  |  |  |  |        |     |         | 100376.12 |
|  |     | Add Labour Cess @1%                                                                              |  |  |  |  |        |     |         | 8364.68   |
|  |     | Add Seigurage Fee@10% of basic material rate                                                     |  |  |  |  |        |     |         | 49929.62  |
|  |     | Total Cost of work                                                                               |  |  |  |  |        |     |         | 995138.07 |
|  |     | Say Total Rs.                                                                                    |  |  |  |  |        |     |         | 995138    |

*For  
15/10/20  
J-E*

*15/10/20  
A-E*

*1  
Amge  
15-10-20  
EE.*

Post facto

Technically approved for amount Rs. 9,95,138/- (₹  
Nine Lakh Ninety five thousand one hundred  
thirty eight) only.

Certified copy

  
अधीक्षण अभियन्ता  
प्रामीण कार्य विभाग  
कार्य अंचल बेतिया

  
अधीक्षण अभियन्ता  
प्रामीण कार्य विभाग  
कार्य अंचल बेतिया  
22/11/2017

**Detailed Measurement Brick Bat**

| No    | L(m) | W(m)           | D(m)            | Qty(cum) |
|-------|------|----------------|-----------------|----------|
| 2     | 20   | $(4.5+3.75)/2$ | $(1.1+0.8)/2$   | 156.750  |
| 2     | 18   | $(4.0+3.70)/2$ | $(1.1+0.70)/2$  | 124.740  |
| 1     | 30   | $(4.4+3.70)/2$ | $(0.90+0.60)/2$ | 91.125   |
| 1     | 42   | $(4.3+3.75)/2$ | $(0.80+0.60)/2$ | 118.335  |
| TOTAL |      |                |                 | 490.950  |

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# SEIGNIORAGE FEE CALCULATION SHEET

Name of Road HARPUR TO T01 HARPUR CHOWK  
District WEST CHAMPARAN  
Block MAJHAULIA  
Link No- S-0

| Item description | unit | Quantity of Consumable Item | Materials Required/ Unit | Unit | Quantity/ Unit | Total Quantity Required | Rate  | Amount | Seigniorage Fee (RS) | Final Amount (RS) |
|------------------|------|-----------------------------|--------------------------|------|----------------|-------------------------|-------|--------|----------------------|-------------------|
| Brick Edge       | Cum  | 0                           | Brick                    | Cum  | 62.00          | 0                       | 3.29  | 0      | 0                    | 0.00              |
| 600 MM Dia       | RM   | 0                           | Sand at site             | Cum  | 0              | 0                       | 175.8 | 0      | 0                    | 0                 |

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13/11/20  
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15/10/20  
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# **RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL**

Carriage Cost (Surfaced Road):  
Carriage Cost (Un Surfaced Road):  
Carriage Cost (Kacha Road):

With truck  
Rs 6.79 Per Tonne Per Km  
Rs 8.17 Per Tonne Per Km  
Rs 18.45 Per Tonne Per Km

With tractor  
Rs 17.25 Per Tonne Per Km  
Rs 21.55 Per Tonne Per Km  
Rs 28.95 Per Tonne Per Km

NAME OF ROAD  
BLOCK

HARPUR TO T01 HARPUR CHOWK  
MAJHAULIA

DISTRICT WEST CHAMPARAN

| S.NO. | Material                          | Railway Freight (Rs) | Lead Distance(Km) |                 |             | Loading | Unloading | Unit     | Carriage Cost Per Km |                 |             | Total Carriage Cost | SOURCE           |
|-------|-----------------------------------|----------------------|-------------------|-----------------|-------------|---------|-----------|----------|----------------------|-----------------|-------------|---------------------|------------------|
|       |                                   |                      | Surface Road      | Unsurfaced Road | Kaccha Road |         |           |          | Surface Road         | Unsurfaced Road | Kaccha Road |                     |                  |
| 1     | Aggregate for WBM Grll & Gr       | 1,987.88             | 20                | 0               | 0           | 109.85  | 66.46     | Cum      | 236.69               | 0.00            | 0.00        | 2400.88             | SHEKHPUR A       |
| 2     | Crushed Stone for Concrete work   | 1,833.26             | 20                | 0               | 0           | 109.85  | 66.46     | Cum      | 217.72               | 0.00            | 0.00        | 2227.29             | SHEKHPUR A       |
| 3     | Stone Chips (For PMC & Seal Coat) | 1,833.26             | 20                | 0               | 0           | 109.85  | 66.46     | Cum      | 217.72               | 0.00            | 0.00        | 2227.29             | MIRJA CHOWKI     |
| 4     | Moorum                            | 1,439.39             | 20                | 0               | 0           | 66.46   | 41.61     | Cum      | 181.07               | 0.00            | 0.00        | 1728.53             | SHEKHPUR A       |
| 5     | Cement                            |                      | 20                | 0               | 0           | 163.11  | 163.11    | MT       | 135.80               | 0.00            | 0.00        | 462.02              | Local            |
| 6     | Coarse Sand                       |                      | 147               | 0               | 0           | 66.46   | 41.61     | Cum      | 1600.21              | 0.00            | 0.00        | 1708.28             | KOILWAR          |
| 7     | Fine Sand(Local Sand)             |                      | 2                 | 0               | 1           | 66.46   | 41.61     | Cum      | 21.77                | 0.00            | 26.37       | 156.21              | Local            |
| 8     | Steel Reinforcement               |                      | 20                | 0               | 0           | 173.19  | 173.19    | Tonne    | 135.80               | 0.00            | 0.00        | 482.18              | Local            |
| 9     | RCC Pipe NP3 (1000 mm dia)        |                      | 45                | 0               | 0           | 29.56   | 24.30     | RM       | 244.44               | 0.00            | 0.00        | 298.30              | Local            |
| 10    | RCC Pipe NP3 (600 mm dia)-        |                      | 45                | 0               | 0           | 20.04   | 13.41     | RM       | 97.76                | 0.00            | 0.00        | 131.23              | Local            |
| 13    | Jhama metal                       |                      | 7                 |                 | 1           | 210.41  | 210.41    | 1000 No. | 483.00               | 0.00            | 107.80      | 1011.62             | Local            |
| 13    | Brick Bat                         |                      | 7                 |                 | 1           | 210.41  | 210.41    | 1000 No. | 483.00               | 0.00            | 107.80      | 1011.62             | Local            |
| 15    | Stone Boulders                    | 2,017.58             | 20                |                 |             | 109.85  | 66.46     | Cum      | 271.80               | 0.00            | 0.00        | 2465.49             | SHEKHPUR A       |
| 16    | Earth by tractor                  |                      | 7                 |                 | 1           | 182.39  |           | Cum      | 193.20               |                 | 43.12       | 418.71              | 422.90 pokhariya |
| 16    | Earth by truck                    |                      | 7                 |                 | 1           | 66.46   | 41.61     | Cum      | 63.37                |                 | 21.93       | 193.37              | 193.37 pokhariya |

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