

# GOVERNMENT OF BIHAR

## UNDER FLOOD DAMAGE REPAIR

### Estimate for Restoration of Traffic

|            |                |         |          |
|------------|----------------|---------|----------|
| DISTRICT : | WEST CHAMPARAN | BLOCK : | MAINATAR |
|------------|----------------|---------|----------|

YEAR(2020-2021)

|                |                        |
|----------------|------------------------|
| NAME OF ROAD : | DONE CANAL TO PADARIYA |
|----------------|------------------------|

|                          |   |            |     |  |
|--------------------------|---|------------|-----|--|
| Total Length             | : | 0.120      | KMS |  |
| Cost of Pavement (Rs.)   | : | 2442252.51 |     |  |
| Total Cost Of Road (Rs.) | : | 2442252.51 |     |  |

SUBMITTED BY

Executive Engineer RWD

Works Division, Narkatiaganj

## TECHNICAL REPORT

Name of Road :- Done Canal to Padariya  
Name of Block :- Mainatand  
Name of Division :- Narkatiyaganj  
Name of District :- W. Champaran  
Estimated Cost :- 24.42252 Lacs  
Restoration Length :- 0.120 Km

This Estimate is prepared for Restoration of ....Done Canal to Padariya

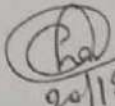
.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide,  
ज्ञापक:- मु0अ0 -4 (मु 0) विविध (कार्य) 23 -40 /16-2254 पटना, दिनांक 30.06.2020. Road remains effected  
from flooded about 01 to 02 weeks and heavy amount of water passed through it.

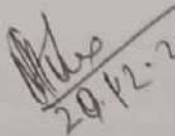
Honorable Chief Minister/Secretary, Rural Works Department, Bihar, Patna/D.M., West Champaran  
Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the  
earliest so that public of this area may get connected and for the same Departmental instruction has also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

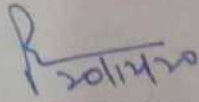
The area surrounding is submerged in water and hence provision of ...E/W and Bank...  
.....Roads.....has been made to  
maintain the road damage due to flood/heavy rainfall as per availability of material from available place by  
tractor. Presently there is no Contractor is employed for Construction 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 24.42252 Lacs please.

Submitted for Technical Approval please.

  
20/12/20  
Junior Engineer,  
Mainatand

  
20/12/20  
Assistant Engineer,  
Mainatand

  
20/12/20  
Executive Engineer  
R.W.D.(W) Division, Narkatiyaganj

# कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2

पत्रांक-.....१८५५...../ बगहा-2, दिनांक-.....२८.०८.२०२०/

प्रेषक:-

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग,  
कार्य प्रमंडल, बगहा-2।

सेवा में,

अधीक्षण अभियन्ता,  
ग्रामीण कार्य विभाग,  
कार्य अंचल, बेतिया।

विषय:-

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

प्रसंग:-

भवदीय पत्रांक-1312/बेतिया, दिनांक-26.08.2020।

महाशय,

उपर्युक्त विषयक एवम् प्रासंगिक पत्र के अनुपालन में कार्य प्रमंडल, नरकटियागंज द्वारा उपलब्ध कराये गये मोटरेबुल पथों की सूची में अंकित पथों का अधोहस्ताक्षरी द्वारा सहायक अभियन्ता श्री दिगम्बर झा एवम् श्री नन्द किशोर साह के साथ निरीक्षण किया गया। निरीक्षण के दौरान कार्य प्रमंडल, नरकटियागंज द्वारा प्रतिवेदित सभी पथों पर कार्य कराया गया है एवम् यातायात चालु है।  
सादर सूचनार्थ एवम् अग्रेत्तर कार्रवाई हेतु समर्पित।

अनु०:- निरीक्षण किये गये पथों की सूची।

विश्वासभाजन,

(दिगम्बर झा)

सहायक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-2

(नन्द किशोर साह)

सहायक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-2

(आनन्द बिहारी झा)

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-2

ज्ञापांक-.....१८५५...../बगहा-2 दिनांक-.....२८.०८.२०२०/

प्रतिलिपि:- कार्यपालक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, नरकटियागंज को सूचनार्थ सम्प्रेषित।

कार्यपालक अभियन्ता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, बगहा-2



| Sl No | Block      | Name of Road                                             |       |              |
|-------|------------|----------------------------------------------------------|-------|--------------|
| 1     | Chanpatiya | Bettiah Yogapatti Road to Parsa                          | 0.357 | 21,22,988.00 |
| 2     | Chanpatiya | Chandrika paswan to Buchhi Yadav                         | 0.057 | 99,113.00    |
| 3     | Chanpatiya | Chhardiwali Chowk to Chhardiwali                         | 0.04  | 2,67,301.00  |
| 4     | Chanpatiya | Chhote Lal Sha to Bhikhari Sah                           | 0.097 | 25,42,099.00 |
| 5     | Chanpatiya | Girish Lal to Mohan Sah turha                            | 0.115 | 1,69,495.00  |
| 6     | Chanpatiya | Kaithwalia Lauriya to Mehnakuli                          | 0.074 | 5,24,382.00  |
| 7     | Chanpatiya | Kaithwalia Lauriya to Pokhariya                          | 0.024 | 1,79,398.00  |
| 8     | Chanpatiya | Kurwa Kothi to Mahna via Chuhari                         | 0.214 | 7,53,615.00  |
| 9     | Chanpatiya | Mahaveer Mandir to School                                | 0.024 | 5,70,964.00  |
| 10    | Chanpatiya | Mainatand Mukhya Path to Prajapati Uchh Vidhyalay        | 0.034 | 6,15,831.00  |
| 11    | Chanpatiya | Ramadhar Mahto to Bangali Colony Mor                     | 0.049 | 5,61,949.00  |
| 12    | Chanpatiya | Ramnarayan Sah to Nandlal Sah                            | 0.02  | 82,395.00    |
| 13    | Chanpatiya | RCC Culvert Pipra to Near River                          | 0.972 | 24,47,863.00 |
| 14    | Chanpatiya | Satrudhan Pandey to Shiv Mandir                          | 0.037 | 2,34,733.00  |
| 15    | Chanpatiya | T02 to Barharwa                                          | 0.048 | 3,25,190.00  |
| 16    | Chanpatiya | T04 to Bakuchhiya                                        | 0.198 | 6,28,114.00  |
| 17    | Chanpatiya | T06 to Barka Gaun                                        | 0.267 | 25,07,612.00 |
| 18    | Chanpatiya | T04 to Mishrauliya                                       | 0.025 | 2,34,386.00  |
| 19    | Chanpatiya | Turhapatti to Gurwalia Vishwash                          | 0.022 | 1,48,939.00  |
| 20    | Chanpatiya | Naya tola Hariharpur (RCC Culvert) to Mandir-(Chip tola) | 0.154 | 2,42,770.00  |
| 21    | Chanpatiya | Raj Mohamad Miyan to Mohar Yadav                         | 0.021 | 2,32,381.00  |
| 22    | Mainatand  | Done Canal to Barwa Parsauni                             | 0.498 | 14,50,164.00 |
| 23    | Mainatand  | Done Canal to Padariya                                   | 0.126 | 24,42,253.00 |
| 24    | Mainatand  | Hardiya to Pachgachhiya                                  | 0.026 | 2,47,186.00  |
| 25    | Mainatand  | Jabdi to Shahpur Parsa                                   | 0.18  | 16,78,496.00 |
| 26    | Mainatand  | Marjadwa to Balirampur                                   | 0.054 | 14,36,783.00 |
| 27    | Mainatand  | Pipra Santpur to Dhobni                                  | 0.029 | 6,02,444.00  |
| 28    | Mainatand  | T01 Sebya to Bhangaha Parsauni                           | 0.018 | 7,30,916.00  |
| 29    | Sikta      | Ekdeyari to Biraith ghat                                 | 0.202 | 13,86,397.00 |
| 30    | Sikta      | Gauripur to Bairagiya                                    | 0.216 | 10,25,368.00 |
| 31    | Sikta      | Guleriya to Mushahar toli                                | 0.085 | 14,42,091.00 |
| 32    | Sikta      | L040 Dhankutwa Mandir Chowk to Jagiriya                  | 0.057 | 5,93,614.00  |
| 33    | Sikta      | L040 to Lakhaure                                         | 0.151 | 9,52,753.00  |

Name of Road: DONE CANAL TO PADARIYA  
District: WEST CHAMPARAN

Block: MAINATAR  
Cutting length

120.00 M

| S. No. | SOR Item No. | Description                                                                                                                                                                                                                                                                                                                                                                                   | No | Length (M) | Width (M) | H/D (M) | Qty.  | Unit | Rates (in Rs.) | Amount |
|--------|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------|-----------|---------|-------|------|----------------|--------|
| 1      | 2.13. C      | <b>Removal of Hume pipe</b><br>Removing all types of Hume pipes and stacking within a lead of 1000 m including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202.                                                                                                                                                                                          | 0  | 2.50       |           | 1       | 0.00  | M    | 381.23         | 0.00   |
| 2      |              | Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry                                                                                                                                  | 0  | 2.50       |           | 1       | 0.00  | M    | 4744.43        | 0.00   |
| 3      | 3.3          | <b>(B) EARTHWORK</b><br><b>Construction of Embankment with Material Obtained from Roadway cutting</b><br>Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5 excluding C.P. |    |            |           |         |       |      |                |        |
|        |              | <b>As per measurement</b>                                                                                                                                                                                                                                                                                                                                                                     |    |            |           |         | 0.000 | Cum. | 25.32          | 0.00   |



Name of Road: DONE CANAL TO PADARIYA  
District: WEST CHAMPARAN

Block: MAINATAR  
Cutting length

120.00 M

| S. No. | SOR Item No. | Description                                                                                                                                                                     | No | Length (M) | Width (M) | H/D (M) | Qty.     | Unit    | Rates (in Rs.) | Amount     |
|--------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------|-----------|---------|----------|---------|----------------|------------|
| 4      | RCD          | Placing Tractor at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip excluding C.P. including Carriage |    |            |           |         |          |         |                |            |
|        |              | As per measurement                                                                                                                                                              |    |            |           |         | 0.000    | cum     | 367.15         | 0.00       |
| 5      | RCD          | Laying brick bats on prepared soil surface as per Specification & direction of Engineer Incharge                                                                                |    |            |           |         |          |         |                |            |
|        |              | As per measurement                                                                                                                                                              |    |            |           |         | 912.50   |         |                |            |
|        |              |                                                                                                                                                                                 |    |            |           |         | 912.50   | cum     | 1703.77        | 1554693.42 |
| 6      | RCD          | Laying Jhama metal on prepared soil surface as per Specification & direction of Engineer Incharge                                                                               |    |            |           |         |          |         |                |            |
|        |              | As per measurement                                                                                                                                                              |    |            |           |         | 0.00     |         |                |            |
|        |              |                                                                                                                                                                                 |    |            |           |         | 0.00     | cum     | 2106.67        | 0.00       |
|        |              |                                                                                                                                                                                 |    |            |           |         | 21000.00 | per bag | 24.59          | 516339.60  |
| 7      | RCD(12.9)    | Laying filled sand bag stitching and placing etc.all complete as per specification and direction of Engineer Incharge                                                           |    |            |           |         |          |         |                | 2071033.02 |
|        |              | Total Road work                                                                                                                                                                 |    |            |           |         |          |         |                | 248523.96  |
|        |              | Add GST @12%                                                                                                                                                                    |    |            |           |         |          |         |                | 29822.88   |
|        |              | Add Labour Cess @1%                                                                                                                                                             |    |            |           |         |          |         |                | 92872.65   |
|        |              | Add Seigniorage Fee@10% of basic material rate                                                                                                                                  |    |            |           |         |          |         |                | 244252.51  |
|        |              | Total Cost of work                                                                                                                                                              |    |            |           |         |          |         |                |            |

20/11/20

EC

20.12.20

AC

20/12/20

JE

Twenty four laths forty two thousand

Technical Approval for Rs. (approx) 24,42,252=00 (Rupees Twenty four laths forty two thousand only).

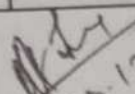
20/11/20

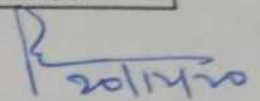
20/11/20

DONE CANAL TO PADARIYA

| Detailed Measurement(E/W) |      |                 |               |          |
|---------------------------|------|-----------------|---------------|----------|
| No                        | L(m) | W(m)            | D(m)          | Qty(cum) |
| 1                         | 70   | $(4+4.5+4.4)/3$ | $(1.2+1.3)/2$ | 376.250  |
| 1                         | 50   | $(5+6)/2$       | $(1.8+2.1)/2$ | 536.250  |
| TOTAL                     | 120  |                 |               | 912.50   |

  
20/12/20  
JE

  
20.12.20  
AE

  
20/12/20  
EE



20/12/20 2

20/12/20 2

EE