

GOVERNMENT OF BIHAR

UNDER FLOOD DAMAGE REPAIR

Estimate for Restoration of Traffic

| | | | |
|------------------------------|--------------------|------------|-----------|
| DISTRICT : | WEST CHAMPARAN | BLOCK : | CHANPATIA |
| YEAR(2020-2021) | | | |
| NAME OF ROAD : | T06 TO BARKHA GAUN | | |
| Total Length | : | 0.267 | KMS |
| Cost of Pavement (Rs.) | : | 2507612.80 | |
| Total Cost Of Road (Rs.) | : | 2507612.80 | |
| SUBMITTED BY | | | |
| Executive Engineer RWD | | | |
| Works Division, Narkatiaganj | | | |

TECHNICAL REPORT

Name of Road:- **T06 to Bansa Gaur**

Name of Block:- **Charpatia**

Name of Division:- **Naxxatiagonj**

Name of District:- **West Champaran**

Estimated Cost:- **25-07612 Lakh**

Restoration Length:- **0.267 KM**

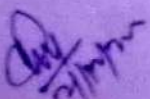
This Estimate is prepared for Restoration of **T06 to Bansa Gaur**

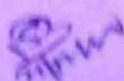
.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide,
ज्ञापक:- मु0अ0 -4 (मु0) विविध (कार्य) 23 -40 /16-2254 पटना, दिनांक 30.06.2020. Road remains affected
from flooded about 01 to 02 weeks and heavy amount of water passed through it.

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 **Balokhat**
..... 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. **25-07612 Lakh** please
Submitted for Technical Approval please.


21/7/20





कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2

पत्रांक-.....१५५...../ बगहा-2, दिनांक-.....२५/१२/२०२०/

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।



(दिगम्बर झा)
सहायक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

(नन्द किशोर साह)
सहायक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

विश्वासभाजन,



(आनन्द बिहारी झा)
कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

ज्ञापांक-.....१५५...../ बगहा-2, दिनांक-.....२५/१२/२०२०/

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



कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

FINAL DPR LIST IN FDR SCHEME

| Sl No | Block | Name of Road | Length (Km) | Estimated Cost |
|-------|------------|---|-------------|----------------|
| 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 | Kaithwaliya Lauriya to Mehnakuli | 0.074 | 5,24,382.00 |
| 7 | Chanpatiya | Kaithwaliya 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 Gurwaliya Vishwash | 0.022 | 1,48,939.00 |
| 20 | Chanpatiya | Naya toala 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 | 0.125 | 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 |

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

Name of Road: T06 TO BARKHA GAUN
District: WEST CHAMPARAN

Block: CHANPATIA
Cutting length

267 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 | Removal of Hume pipe 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 | | | |
| 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 | | | 0.00 | M | 381.23 | 0.00 |
| 3 | 3.3 | (B) EARTHWORK Construction of Embankment with Material Obtained from Roadway cutting 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. | 0 | 2.50 | | 1 | 0.00 | M | 4744.43 | 0.00 |
| | | As per measurement | | | | | 0.000 | Cum. | 25.32 | 0.00 |

Name of Road: T06 TO BARKHA GAUN
District: WEST CHAMPARAN

Block: CHAMPARAN
Cutting length 267 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 | | | | | 1232.57 | | | |
| 6 | RCD | Laying Jhama metal on prepared soil surface as per Specification & direction of Engineer Incharge As per measurement | | | | | 1232.57 | cum | 1703.77 | 2100018.12 |
| 7 | RCD(12.9) | Laying filled sand bag, stitching and placing etc.all complete as per Specification and direction of Engineer Incharge Total Road work Add GST @12% Add Labour Cess @1% Add Seigniorage Fee@10% of basic material rate Total Cost of work | | | | | 0.00 0.00 0.00 | cum per bag | 2106.67 24.59 | 0.00 0.00 |
| | | | | | | | | | | 2100018.12 |
| | | | | | | | | | | 252002.17 |
| | | | | | | | | | | 30240.26 |
| | | | | | | | | | | 125352.24 |
| | | | | | | | | | | 2507612.80 |

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Post facto Technical Approval for Amount ₹ 2507,612.80 (Twenty five lacs seven thousand six hundred and twelve rupees) only.

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2/11/2020

Superintendent Engineer
Rural Works Department
Barkha Circle, Bettiah
Govt. of Bihar

Detailed Measurement (Bricks Bat)

| No | L(m) | W(m) | D(m) | Qty(cum) |
|-------|------|---------------|-------------------------|----------|
| 1 | 65 | $(4+6)/2$ | $(1.90+0.45)/3$ | 254.583 |
| 1 | 25 | $(3+4.5)/2$ | $(1.2+1.8+1.6)/3$ | 143.750 |
| 1 | 75 | $(4+5)/2$ | $(0.900+0.6+0.3)/3$ | 202.500 |
| 1 | 5 | $(2+1.5)/2$ | $(0.600+0.450)/2$ | 4.594 |
| 1 | 4 | $(2+1.5)/2$ | $(0.3+0.200+0.150)/3$ | 1.517 |
| 1 | 3 | $(4.5+6)/2$ | $(1.2+1.9+2)/3$ | 26.775 |
| 1 | 5 | $(4.5+6)/2$ | $(1.2+1.9+2)/3$ | 44.625 |
| 1 | 32 | $(4.5+6)/2$ | $(0.900+0.350+0.200)/3$ | 81.200 |
| 1 | 15 | $(4.5+6)/2$ | $(1.2+1.9+2)/3$ | 133.875 |
| 1 | 4 | $(1.2+1.4)/2$ | $(1.2+1.9+2)/3$ | 35.700 |
| 1 | 2 | $(1.2+1.4)/2$ | $(1.2+1.9+2)/3$ | 17.850 |
| 1 | 15 | $(4.5+6)/2$ | $(1.2+1.9+2)/3$ | 133.875 |
| 1 | 17 | $(4.5+6)/2$ | $(1.2+1.9+2)/3$ | 151.725 |
| TOTAL | 267 | | | 1232.57 |

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21/12/20
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Latitude: 26.841118
Longitude: 84.608902
Accuracy: 2319.0 m
Time: 02:49:2020 15:48
Note: Tobo badaka gawa



Latitude: 26.941932
Longitude: 84.60827
Accuracy: 2319.0 m
Time: 02:08:2020 15:54
Note: Tobo badaka gawa



Latitude: 26.942745
Longitude: 84.601879
Accuracy: 7586.0 m
Time: 02:06:2020 15:54
Note: Tobo badaka gawa



Latitude: 26.942745
Longitude: 84.601479
Accuracy: 2586.0 m
Time: 02:06:2020 15:47

