

GOVERNMENT OF BIHAR

UNDER FLOOD DAMAGE REPAIR

Estimate for Restoration of Traffic

DISTRICT :	WEST CHAMPARAN	BLOCK :	CHANPATIA
YEAR(2020-2021)			
NAME OF ROAD :	T04 TO BAKUCHIYA		
Total Length	:	0.198	KMS
Cost of Pavement (Rs.)	:	628114.47	
Total Cost Of Road (Rs.)	:	628114.47	
SUBMITTED BY			
Executive Engineer RWD			
Works Division, Narkatiaganj			

TECHNICAL REPORT

Name of Road :- T02 to Barharwa

Name of Block:- Champatiya

Name of Division:- Narkatiaganj

Name of District:- West Champaran

Estimated Cost:- 3.25190 Lakh

Restoration Length:- 0.048 KM

This Estimate is prepared for Restoration of T02 to Barharwa

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

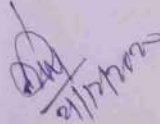
Honorable Chief Minister/Secretary, Rural Works Department, Bihar, Patna/D.M., West Champaran,
Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the
earliest so that public of this area may get connected and for the same Departmental instruction has also
been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

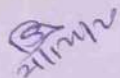
The area surrounding is submerged in water and hence provision of Brickbat

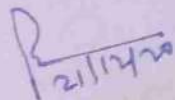
.....has been made to
maintain the road damage due to flood/heavy rainfall as per availability of material from available place by
tractor. Presently there is no Contractor is employed for Construction and Maintenance of this road hence
the work has been carried out Departmentally and due to this, provision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

In view of above, it is requested to approve the estimate amounting to Rs. 3.25190 Lakh please.

Submitted for Technical Approval please.


Assistant Engineer,
Champatiya


Assistant Engineer,
Chanpatia


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

कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2

प्रेषक:-

पत्रांक-.....954...../ बगहा-2, दिनांक-.....24/12/2020

सेवा में,

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

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।

अनु0:- 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

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

COST ESTIMATE FOR traffic Restoration

Name of Road: T04 TO BAKUCHIYA
District: WEST CHAMPARAN

Block: CHANPATIA
Cutting length

198.00 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	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					0.00	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

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				231.10	231.10	cum	1703.77	393734.98
6	RCD	Laying Jhama metal on prepared soil surface as per Specification & direction of Engineer Incharge As per measurement				62.85	62.85	cum	2106.67	132412.86
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	per bag	24.59	0.00
										526147.84
										63137.74
										7576.53
										31252.37
										628114.47

Dr. S. K. Singh
S.E.

S. K. Singh
A.E.

S. K. Singh
E.E.

Post-facto Technical Approval for Amount ₹ 6,28,114.00 (six lakh twenty eight thousand one hundred and fourteen rupees) only.

S. K. Singh

Superintendent Engineer
Rural Works Department
25/10/2020
Works Circle, Bettiah
Govt of Bihar

Detailed Measurement (Bricks Bat)

No	L(m)	W(m)	H(m)	Qty (cum)
1	9	$(3.5)/2$	$(0.200 + 0.400 + 0.300)/3$	16.200
1	9	$(2.25)/2$	$(0.200 + 0.300 + 0.400)/3$	5.400
1	10	$(2.3)/2$	$(0.200 + 0.450 + 0.400)/3$	11.333
1	25	$(2.1)/2$	$(0.200 + 0.600 + 0.500)/3$	16.250
1	5	$(3.5 + 2.5)/2$	$(0.200 + 0.250 + 0.300)/3$	5.250
1	10	$(2.7)/2$	$(0.200 + 0.200 + 0.500)/3$	8.333
1	10	$(4.5)/2$	$(0.200 + 0.250 + 0.400)/3$	27.075
1	9	$(2.7)/2$	$(0.200 + 0.600 + 0.275)/3$	8.811
1	6	$(2.3)/2$	$(0.200 + 0.600 + 0.500)/3$	6.500
1	10	$(2.3)/2$	$(0.200 + 0.600 + 0.500)/3$	10.833
1	2	$(2.3)/2$	$(0.200 + 0.600 + 0.500)/3$	2.167
1	5	$(2.3)/2$	$(0.200 + 0.600 + 0.400)/3$	5.417
1	17	$(4.6)/2$	$(0.200 + 0.600 + 0.400)/3$	16.833
1	10	$(4.6)/2$	$(0.200 + 0.600 + 0.400)/3$	22.667
1	8	$(3.45)/2$	$(0.200 + 0.600 + 0.400)/3$	13.000
1	4	$(4.5)/2$	$(0.250 + 0.250 + 0.600)/3$	3.833
1	10	$(4.5)/2$	$(0.250 + 0.600)/2$	11.675
TOTAL	171			231.10

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Detailed Measurement (Thamra Mesh)

No	L(m)	W(m)	H(m)	Qty (cum)
1	16	$(8.4)/2$	$(0.200 + 0.400 + 0.300)/3$	54.400
1	11	$(2.45)/2$	$(0.200 + 0.300 + 0.400)/3$	28.167
TOTAL	27			82.567

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