

GOVERNMENT OF BIHAR

UNDER FLOOD DAMAGE REPAIR

Estimate for Restoration of Traffic

DISTRICT :	WEST CHAMPARAN	BLOCK :	GAUNAHA
YEAR(2020-2021)			
NAME OF ROAD :	MEHNAUL KALA TO HARDI		
Total Length	0.130	KMS	
Cost of Pavement (Rs.)	1433177.08		
Total Cost Of Road (Rs.)	1433177.08		
SUBMITTED BY			
Executive Engineer RWD			
Works Division, Narkatiaganj			

कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-2

पत्रांक-.....954...../ बगहा-2, दिनांक-.....24/11/2020/

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:-

महाराष्ट्र,

भवदीय पत्रांक-1312/बेतिया, दिनांक-26.08.2020।

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।

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-.....954...../बगहा-2 दिनांक-.....24/11/2020/

प्रतिलिपि:- कार्यपालक अभियन्ता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, नरकटियागंज को सूचना समर्पित।

कार्यपालक अभियन्ता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-2

34	Sikta	Sikta to Bheriharwa		
35	Sikta	Sikta to Surajpur	0.133	19,72,961.00
36	Sikta	Sikta to Chhapaniya	0.028	4,39,443.00
37	Sikta	Sikta to Ekdeyari	0.098	9,97,953.00
38	Sikta	Sikta to Khap tola	0.09	5,29,712.00
39	Sikta	Sikta to Sundergawan	0.083	7,67,337.00
40	Sikta	T03 to Dharampur	0.109	6,60,731.00
41	Sikta	Baishakhwa to Sargatiya	0.284	16,76,700.00
42	Sikta	Bishkhawa to Sikta	0.029	3,90,616.00
43	Sikta	Dhamaura to Narkatia	0.048	9,58,963.00
44	Sikta	Dhamaura to Narkatia	0.052	6,71,372.00
44	Gaunaha	Gaunaha Rly Station to Sithi	0.12	11,06,352.00
45	Gaunaha	Marjadi to Marjadpur	0.11	16,66,842.00
46	Gaunaha	Mehnaul kal to Hardi	0.13	14,33,177.00
47	Gaunaha	PWD Road to Dhamaura	0.045	2,89,055.00
48	Gaunaha	RWD Road to Harpur	0.095	9,21,546.00
49	Gaunaha	REO Road to Mahuawa Bhusha	0.07	13,11,852.00
50	Narkatiaganj	REO Road to Panchamwa	0.475	16,29,029.00
51	Narkatiaganj	Pokhariya to Somgadh	0.675	15,20,124.00
52	Narkatiaganj	Maniyari Bridge to Bridge	0.16	7,47,248.00
53	Narkatiaganj	Sisai to Rakhai	0.11	3,24,989.00
54	Narkatiaganj	T01 to Chintawanpur	0.35	13,45,653.00
55	Narkatiaganj	Satwariya to Manjhariya	0.378	15,92,386.00
56	Narkatiaganj	NKE PWD Road se Khap tola to Mahadalit Basti hote hue Dhaminaha Basti	0.212	6,36,513.00
57	Narkatiaganj	T01 to Senuriya Naya tola	0.06	6,21,851.00
58	Narkatiaganj	Siswa to Roari	0.08	7,55,945.00
59	Narkatiaganj	Dhobaha to Inarwa	0.44	16,27,769.00
60	Narkatiaganj	Barai tola to Bhashurari Petrol Pump via Sikarpur bairia	0.362	14,62,769.00
61	Narkatiaganj	PWD Road to Bazar tola	0.24	4,60,545.00
62	Narkatiaganj	Sathi to Dharampur	0.63	15,25,968.00
63	Narkatiaganj	Midraul PMGSY to Balua Path	0.85	6,36,832.00
64	Narkatiaganj	Binwaliya to Barwa	0.235	6,20,616.00
65	Narkatiaganj	Matiyariya PMGSY to Sherahwa	0.232	2,39,942.00
66	Narkatiaganj	Mathura to Belwaniya	0.302	7,34,549.00
67	Narkatiaganj	Marhiya to Banwaria	0.255	4,27,695.00
68	Narkatiaganj	L022 to Barwa Baruli	0.1	14,27,512.00
69	Narkatiaganj	Narkatiaganj Manjahriya to Manwa parsi Ekderwa	0.26	14,65,222.00
70	Narkatiaganj	Gopalpur to Fhulwariya	0.475	7,91,830.00

TECHNICAL REPORT

Name of Road :- Mehnaul Kala to Haroli .
Name of Block :- Gaunaha.
Name of Division :- Narkatiya ganj
Name of District :- West Champaran.
Estimated Cost :- 14.33177 Lac
Restoration Length :- 0.130 km.

This Estimate is prepared for Restoration of Mehnaul Kala to
Haroli

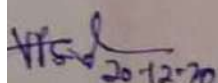
.....road under FDR as per the instruction of Secretary, Rural Works Department, Patna vide,
ज्ञापक:- मु040 -4 (मु 0) विविध (कार्य) 23 -40 /16-2254 पटना, दिनांक 30.06.2020. Road remains effected
from flooded about 01 to 02 weeks and heavy amount of water passed through it.

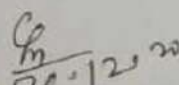
Honorable Chief Minister/Secretary, Rural Works Department, Bihar, Patna/D.M., West Champaran,
Bettiah/Concerned MP/MLA has instructed to maintain the traffic and movement of public etc. at the
earliest so that public of this area may get connected and for the same Departmental instruction has also
been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

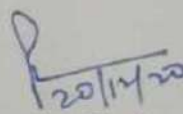
The area surrounding is submerged in water and hence provision of Earth work
and brick bats has been made to
maintain the road damage due to flood/heavy rainfall as per availability of material from available place by
tractor. Presently there is no Contractor is employed for Construction and Maintenance 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. 14.33177 Lac please.

Submitted for Technical Approval please.


20-12-20
Assistant Engineer,
Gaunaha


20-12-20
Assistant Engineer,
Gaunaha


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

COST ESTIMATE FOR Traffic Restoration

Name of Road: MEHNAUL KALA TO HARDI
District: WEST CHAMPARAN

Block: GAUNAHA
Cutting length

Length: 130.000 m
130 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	0.00		0	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
							0.00	M	4744.43	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.								
		As per measurement					550.500	Cum.	25.32	13938.60

Name of Road: MEHNAUL KALA TO HARDI
District: WEST CHAMPARAN

Block: GAUNAHIA
Cutting length

130 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					550.500	cum	450.77	248150.59
		As per measurement								
5	RCD	Laying brick bats on prepared soil surface as per Specification & direction of Engineer Incharge					560.00	cum	1703.77	954113.22
6	RCD	Laying Jhama metal on prepared soil surface as per Specification & direction of Engineer Incharge					0.00	cum	2106.67	0.00
7	RCD(12.9)	Laying filled sand bag, stitching and placing etc. all complete as per specification and direction of Engineer Incharge	0				0.00	per bag	24.59	0.00
		Total Road work								1216202.47
		Say Rs. (Lac)								1216202.47
		Add GST @12%								145944.30
		Add Labour Cess @1%								12162.02
		Add Seignrage Fee@10% of basic material rate								58868.29
		Total Cost of work								1433177.08

20/12/20
E.C

20/12/20
A.C

Technical approval for Rs (14, 33, 177 = 19) Rupees Fourteen lac
thirty three thousand one hundred seventy seven) only.

31/12/20
Superintendent Engineer
Rural Works Department
Works Circle, Bettiah
Govt. of Bihar

Detailed Measurement(EARTHWORK)				
No	L(m)	W(m)	D(m)	Qty(cum)
1	20	$(5+6+7)/3$	$(3+4)/2$	420.000
2	20	$(5+6)/2$	$(0.600+0.300)/2$	99.000
2	35	$(1.0+1.4)/2$	$(0.25+0.50)/2$	31.500
TOTAL	130			550.50

Detailed Measurement(BRICKBAT)				
No	L(m)	W(m)	D(m)	Qty(cum)
2	40	$(3.5+4+4.5)/3$	$(1.25+1.75+2.25)/3$	560.000
TOTAL				560.00

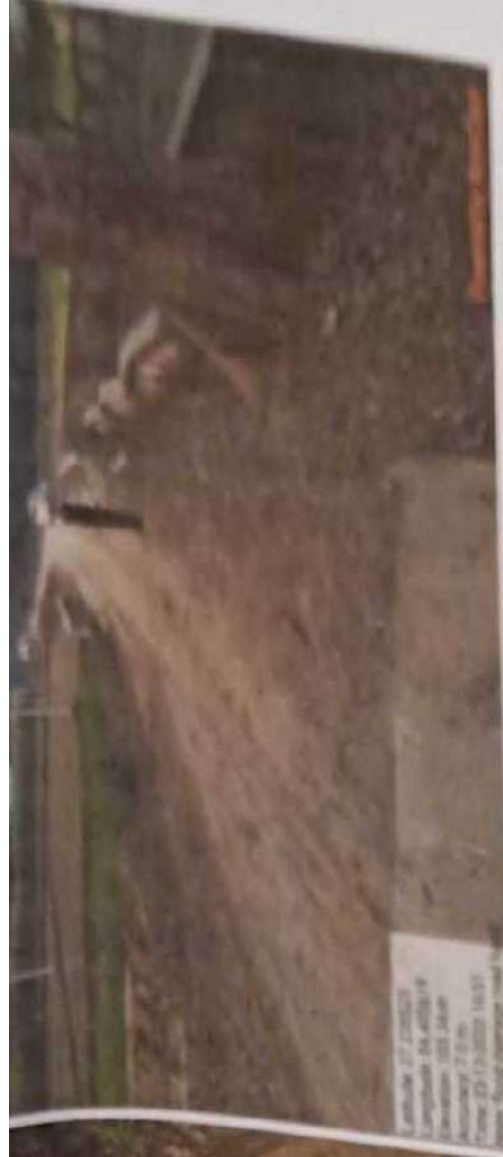
V/S 20-12-20
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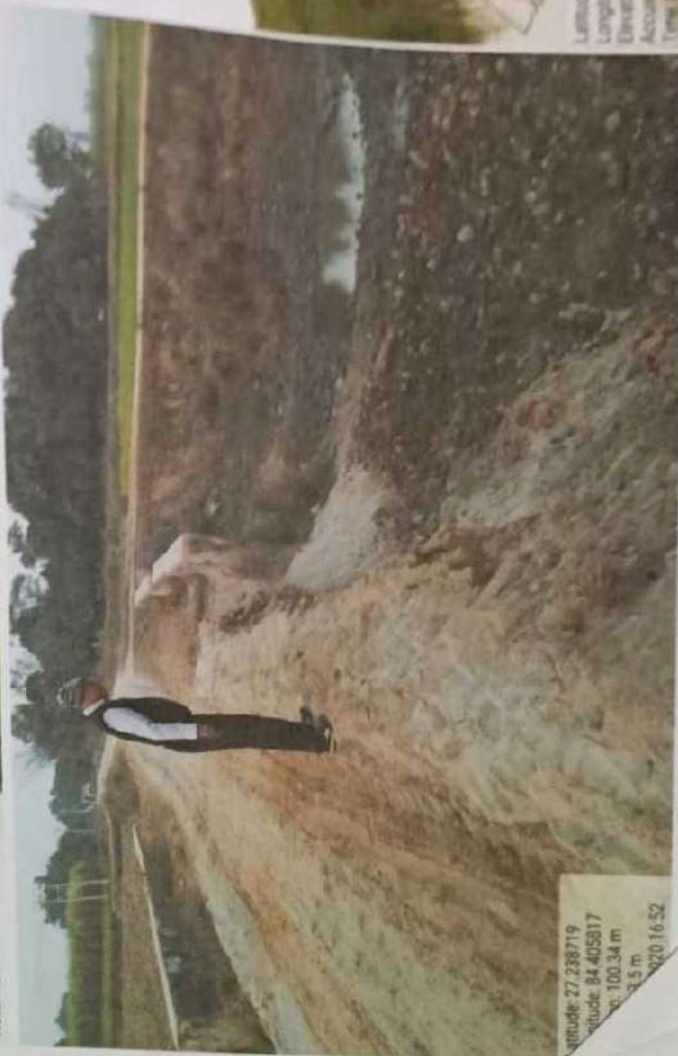
R
20/12/20
E.E



Latitude: 27.238742
 Longitude: 84.405832
 Elevation: 140.86 m
 Accuracy: 1.6 m
 Time: 07-23-2020 12:08
 Note: hard



Latitude: 27.238742
 Longitude: 84.405832
 Elevation: 108.24 m
 Accuracy: 7.8 m
 Time: 07-23-2020 16:37
 Note: Road drainage road



Latitude: 27.238719
 Longitude: 84.405817
 Elevation: 100.34 m
 Accuracy: 3.5 m
 Time: 07-23-2020 16:52



Latitude: 27.238822
 Longitude: 84.405832
 Elevation: 148.74 m
 Accuracy: 1.3 m
 Time: 07-23-2020 13:22

Went