ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

2021-22

FLOOD DAMAGED REPORT

HAJIPUR MAHNAR SH-93 GARDANI CHOWK SE MOHANPUR

DISTRICT	:-	Vaishali	
DIVISION	:-	Mahnar	
BLOCK	:-	BIDUPUR	
TOTAL LENGTH OF ROAD	:-	3.000	KM
PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL	:-	~~12.862~~ 10.44	Lac
TOTAL COST OF PROJECT	:-	~~12.914~~ 10.44	Lac

Inspection Report For Flood Damage Work

Date :

1 Name of PICU : कार्यपालक अभियंता, कार्य प्रमंडल, मधुबनी ।

2 Name of Block/Road : बिस्फी / हरलाखी मधुबनी SH-93 उमगाँव चौक से मोहम्मदपुर ।

A For Road

1 Damage Location/Chainage :

2 Damage Length :

3 Nature of Damage : surface/Base/sub-base and embankment.

4 Details of Restroration Works: Brick bat and G.S.B ग्रेड-II । Qty 386.29 M^3 & 104.08 M^3 satisfactory.

i) Material being used in Restoration Works : Brick bat and G.S.B ग्रेड-II ।

ii) Equipments/Tools being used in Restoration Works: Roller, water tank & J.C.B

iii) Procedure taken up in Restoration Works : only Motorable work has been done.

iv) Restored Length :

B For Bridge

1 Damage Location/Chainage :

2 Damage Length :

3 Nature of Damage :

4 Details of Restroration Works :

i) Material being used in Restoration Works :

ii) Equiments/Tools being used in Restoration Works :

iii) Procedure taken up in Restoration Works :

iv) Restored Length :

N.A

कार्य संतोषप्रद है।

(signature) 11/9/21
J.E

(signature) 11/9/21
A.E

(signature) 11/9/21
E.E

(signature) 30/11

signature Executive Engineer
R.W.D. Works Division

FLOOD DAMAGED REPORT

GENERAL ABSTRACT OF COST

Block:-- **BIDUPUR** **District:- Vaishali**

Length of Road:-- **3.000 KM**

Name of Road:-- **HAJIPUR MAHNAR SH-93 GARDANI CHOWK SE MOHANPUR**

SL. No.	Item of Work		Amount
A	TOTAL COST OF CONSTRUCTION Add Sel	:	~~948367/-~~ ~~12.862 Lacs~~ 1022572/-
	TOTAL	:	~~12.914 Lacs~~

Add 1% L cess on material cost — 9783/-
12% GST — 11739/-
1044094

Junior Engineer 11/9/21

Asstt. Engineer 11/9/21

Executive Engineer 11/9/21

Say Rs 10.44 lacs

SE
RWD

Technically Approved for Rs. 10.44 lacs (Rs. Ten lacs forty four thousand) only
15.3.22

Superintending Engineer
Rural Works Department
Work Circle, Muzaffarpur

GENERAL ABSTRACT OF COST FOR FDR

NAME OF ROAD : HAJIPUR MAHNAR SH-93 GARDANI CHOWK SE MOHANPUR

DISTRICT Vaishali
BLOCK BIDUPUR
DIVISION Mahnar
LENGTH OF ROAD (in Km) 3.000

Sl. No.	DESCRIPTION	Amount	1 % Labour Cess	12 % GST	1% Labour Cess & 12% GST AMOUNT (LAKHS)
	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL				
1	BRICK BATS	8.348	0.083	1.002	9.434
2	GSB GR-II	3.034	0.030	0.364	3.428
	SUB TOTAL OF INTIAL RECTIFICATION INDLUCDING SURFACE RENEWAL	**11.382**	**0.114**	**1.366**	**12.862**
	Total Seigniorage Fee				**0.052**
	TOTAL COST OF PROJECT IN LACS =	**11.382**	**0.114**	**1.366**	**12.914**

11/9/21
JE
RWD

11/9/21
AE
RWD

10.22 Lacs

11/9/21
EE
RWD

SL No.	SDB SL .NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
1			**BRICK BATS**								
			Providing brick bats including spreading laying hand packing and compacting with C.I. Hammer in layers not exceeding 75 mm thick including cost of light barriers, danger signals,chowkidar,taxes,royality etc.all complete job as per specification and direction of E/I including carriage cost of bricks.								
			Qty Taken Form MB No-810 Page No-1, Dated - 01-09-21	cum					130.540		
			Qty Taken Form MB No-810 Page No-2, Dated - 03-09-21	cum					174.750		
			Qty Taken Form MB No-810 Page No-2, Dated - 06-09-21						81.000	1809.49	698987/-
								Total =	**386.290**	**2,161.18**	~~8,34,842.22~~
										A) SUB TOTAL OF CRUST =	~~8,34,842.22~~
			Sub Head : PAVEMENT LAYERS - GSB & WBM ITEMS								698987/-
2	4.1	401	**Granular Sub-base with Well Graded Material (Table 400.1).**								
		(ii)	**(By mix in place method) For Grading ~~II~~Material** Wet mix II Metall.								
			Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.								
			Qty Taken Form MB No-810 Page No-3, Dated - 10-09-21	Cum					4.250		
			Qty Taken Form MB No-810 Page No-3, Dated - 10-09-21	Cum					34.500		
			Qty Taken Form MB No-810 Page No-3, Dated - 10-09-21	Cum					38.330		
			Qty Taken Form MB No-810 Page No-3, Dated - 10-09-21	Cum					27.000		2,79,280=00
										2683=32	29,
			Net GSB Qty						**104.080**	~~2,914.99~~	~~3,03,392.00~~
										B) SUB TOTAL OF CRUST =	~~3,03,392.00~~
										TOTAL COST OF PAVEMENT IN RS. (A+B)=	~~11,38,234.22~~

Bhakuni 11/9/21 J.E

11/9/21 AE

Total 978267/-

M/S/Z

Add Sewage fee Brick @ 101.87/cum @ 39351/-

GSB II @ 47.61/cum @ 4954/-

G. Total 10,22572/-

Name of Road :-			HAJIPUR MAHNAR SH-93 GARDANI CHOWK SE MOHANPUR			Block :-	BIDUPUR		Length : -	3.000 km
Sl. No.	SDB Sl. No.	MORD Ref No.	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs	Total material Qty. required (Cum)	Total Amount	Add 10 % Seigniorage Fee
			EARTHWORK							
			PAVEMENT CRUST LAYERS							
1	4.1	401	Granular Sub-base with Well Graded Material (Table 400.1)							
			(By mix in place method) For Grading I Material							
			Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.							
		(i)	For Grading II Material							
			Unit = cum							
			Taking output = 300 cum							
		a)	Material							
			For well graded granular sub-base material as per Table 400.1							
			53 mm to 26.5 mm @ 35 per cent	Cum	134.40	595.36	80,016.38			
			26.5 mm to 4.75 mm @ 45 per cent	Cum	96.00	506.92	48,664.32			
			2.36 mm below @ 20 per cent(Course Sand)	Cum	153.60	141.85	21,788.16			
			Cost for 300 cum = A				1,50,468.86			
			Rate per cum = (A)/300	cum			501.56			
						Total Cost	501.56	104.08	52,202.66	5,220.27
								Total Seigniorage Fee		5,220.27

Labour

Male – 48 @ 310=00 – Rs 148=80 (A)

Skilled Mazdoor – 2 Nos @ ~~240=00~~ 370=00 – Rs 740=00

Mazdoor 10 Nos @ 292=00 Rs 2920=00

3808=80 ✓

A+B+C

196971=28/300

656=57 × 1·12 × 1·10 = 866·67=00

2509=50

3376=17

Carriage 1M3

Machinery

Tractor mounted grader – 12 @ 573=20 – 6878=40

Roller 30 @ 803=00 – 24090=00

Tractor 12 @ 629=00 – 7548=00

Water tank 5 @ 907=00 – 4535=00

43051=40 (B)

134·40 × 503=85 – ~~20693=00~~ 67717=44

96·00 × 544·89 – ~~39232·08~~ 52309=44

153·60 × 141·85 – ~~18986=00~~ 21788=16

N 30 @ 40 – 1200=00

~~150111=08~~ 143015=84 (C)

A+B+C

189875·24/300

632·91 × 1·12 × 1·10 = 779·74

Carriage + 1903=58

2683·32

Schedule XLV-Form No. 134

Hajipur Mahnar SH-93 Gandhi Chowk se Mohanpur.

DIVISION

M.B No - 810

SUB-DIVISION

MEASUREMENT BOOK

Name fo work—
Situation of work—
Agency by which work is executed—
Date of measurement—
No. and date of agreement.
(These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	No.	L.	B.	D.	Contents of area
Name of work - To Motrable Road from SH93 Bardaniya Chowk to Mohanpur					
Situation of work - 3054 F.D.R.					
Agency - Departmental					
Date of Measurement / entry - 1.09.2021					
Item-1 Providing Bricks soils including spreading laying packing and compaction with - - - - E/S					
From 0 to 105 M					
30M x (5.00 + 4.00 + 3.75)/3 x (.45 + .30 + .15 + .60 + .15 + .30)/6					= 41.44 M³
30M x (3.75 + 3.75)/2 x (.45 + .50 + .20 + .30 + .40 + .15)/6					= 44.10 M³
(30M + 110M) x (3.75 + 3.75)/2					

Continuation

x (.45 + .30 + .15)/3 = 45.10 M³

130.54 M³

[signatures] 1/09/21 AE, 1/09/21 J.E

Sch. XLV—Form No. 134 2

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Date of entry -				3.9.2021	
Form ch 100 to 200 M					
(3x30M+10M) = 100 M					
100M x 3.75 + 3.80 + 4.10					
			3		
		.75 + 1.45 + .30 + .30			
		*	4		= 174.75 M3
				(bb) Balkumar.	
Submitted 3/9/21				3/9/21	
				J.E	

Date of entry - 6.9.2021

From ch 200 to 310 M

ch P - 3 3M

(2x30M+12M)

= 72M

72M x 3.75

x .45 + .30

+ .15 / 3 = 81.00M3

(bb) Balkumar.

Submitted 6/9/21 6/9/21

J.E

Continuation

Sch. XLV—Form No. 134 3

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Date of casting - 10.9.21					
Item - Granular Sub base with well graded material					
Construction of granular Sub base by Providing well graded material, spread in uniform layers -					
- EIP					
Ch 100 to 200 M					
0 to 10 M					
= 10M x $\frac{5.10+4.10+3.75}{3}$				x .10	= 4.35M3
3x30M = 90M					
90M x $\frac{3.75+4.10+3.75}{3}$				x .10	= 34.50M3
(3x30M+10M)					
= 100M x $\frac{3.75+4.10+3.75}{3}$				x .10	= 38.33M3
Ch 230 to 310 M					
72M x 3.75				x .10	= 27.00M3
				Continuation	104.08M3

10/9/21 Sub.Engr 10/9/21 AE

10/9/21 Supervisor JE

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Total Quantity of Bricks bat.	—	—	—	—	490.07M3

ABSTRACT OF COST

Item No (1) - Providing Bricks bats including spreading laying hand packing and compacting — — — —

Qty vide T.M.B P/No (1) = 130.54 M3

Qty vide T.M.B P/No (2) = 174.75 M3

Qty vide T.M.B P/No (3) = 81.00 M3

386.29 M3

@ Rs. 2161.18 /M3 — Rs 834822=-

Item No (2) - CONST. OF G.S.D as per T/S Clause 401 — — —

Qty vide T.M.B P/No (3) ie = 104.08 M3

@ Rs. 2914.99 /M3 — Rs 303392=-

Continuation

Rs 1138214=-

(P.T.O)

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F.		Rs 1139214=
Add 1% Labour Cess				(+)	Rs 11392=
Add 12% GST				(+)	Rs 136586=
					Rs 1296192=
27/11/22		25/11/22 J.E		25/11/22 J.E	