

Inspection Report of Flood Damage work

Name of PIUs:- RWD Works Division, ~~Darbhanga~~ Madhubani

Name of Block Road:- Khajauli / Khajauli to Jaynagar.

A. For Road

1. Damage Location Chainage:- 100 - 3400 m.

2. Damage Length :- 674.8 m.

3. Nature of Damage :- Road cut, Shoulder cut, flank cut.

4. Details of Restoration Works

i. Material being used in Restoration works:- Brick bat

ii. Equipment's / Tools being used in Restoration works:-

iii. Procedure taken up in Restoration works:- Brick bat filling.

iv. Restored Length:-

674.8 m.

B. For Bridge

1. Damage Location Chainage:-

2. Damage Length :- N/A

3. Nature of Damage :-

4. Details of Restoration Works

i. Material being used in Restoration works:-

ii. Equipment's / Tools being used in Restoration works:-

iii. Procedure taken up in Restoration works:-

iv. Restored Length:-

Satisfactory.

Signature of JE/AE/EE

Signature
(Name of Inspection)

GOVERNMENT OF BIHAR



RURAL WORKS DEPARTMENT

CIRCLE, Darbhanga

Name of Work:-

Restoration of Khajauli to
Jaynagar Road

Estimated Cost:-

Rs.

6,22,637 = ~~Rs.~~
~~45,37,000.00~~

Length :-

674.8 M ✓

Block:-

Khajauli

Rural Works Division,

Madhubani

INSPECTION REPORT FOR FLOOD DAMAGE WORK

Date :-

- 1 Name of PIU:- Executive Engineer, RWD, (W) Division, Madhubani
2 Name of Block:- Khajauli
3 Name of Road:- Khajauli to Jaynagar

A FOR ROAD

- 1 Damage Location/ Chainage :- 100 to 3400m
2 Damage Length :- $674.8 + 0 + 0 + 0 = 674.8$ M
3 Nature of damage :- Crust and Flank washed out.
4 Details of Restoration work
i Material being in Restoration work :- Soil, Local Sand, Sand bag, Brickbat Bamboo etc.
ii Equipments/ Tools being used in Restoration works:- Tractor with trolly & others.
iii Procedure taken up in Restoration work:- Filling all damaged portion of Crust and Flank with above Material
iv Restored Length 675 M

B FOR BRIDGE

- 1 Damage Location/ Chainage :-
2 Damage Length :-
3 Nature of damage :-
4 Details of Restoration work
i Material being in Restoration work :-
ii Equipments/ Tools being used in Restoration works
iii Procedure taken up in Restoration work
iv Restored Length

Not Applicable

J.E

AE

EE

Name of Inspector
EE, RWD, Madhubani

GENERAL ABSTRACT OF COST

NAME OF ROAD :

Khajauli to Jaynagar

DISTRICT

Madhubani

BLOCK

Khajauli

DIVISION

Madhubani

LENGTH FOR TEMPORARY RESTORATION

674.80 M

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
PART-A	TEMPORARY RESTORATION	
1	LOCAL SAND	
2	SAND BAG FOR PROTECTION	
4	BAMBOO PILE	
5	BRICK BAT	12,93,566.93
PART-B	CHACHARI BRIDGE	
PART-C	PERMANENT RESTORATION	
1	EARTHWORK	
2	SUB BASE	
3	WBM	
4	PRIME COAT	
5	TACK COAT	
6	PREMIX CARPET	
7	SEAL COAT	
8	PCC FOR CC PAVEMENT	
PART-D	PROTECTION WORK	
1	FILTER MEDIA	
2	BOULDER PITCHING	
PART-E	MISCELLANEOUS WORK	
	CD WORK R.C.C. PIPE CULVERT	
	CD WORK R.C.C. CULVERT	
	OTHER	
	ROAD FURNITURE SIGN BOARD	
	Others	
	SUB TOTAL =	12,93,567.00
	GST @ 12 % =	1,55,228.00
	LABOUR CESS @ 1 % =	12,936.00
	SEIGNIORAGE FEE =	75,155.00
	TOTAL =	15,36,885.00
	COST (IN LACS) =	15.369
	GRAND TOTAL (IN LACS) =	15.370

20.10.21
JE
RWD
Khajauli

20/10/21
AE
RWD
Khajauli

20/10/21
EE
RWD
Madhubani

REPORT

1 Name of Road:-

RESTORATION OF KHAJALI TO JAYNAGAR ROAD

2 Name of Circle:-

R.W.D., Works Circle,

Darbhanga

3 Name of Division:-

R.W.D., Works Division,

Madhubani

4 Block :-

Khajali

5 Estimated Cost:-

Rs. 15,37,000 /-

6 Administrative Approval:-

Rs. /-

7 Provisions:-

The following Provisions have been made :-

At Ch-100 to 3400

	<u>Amount</u>
A LENGTH FOR TEMPORARY RESTORATION	674.80
1 BRICK BAT	14,61,731.00
Total	14,61,731.00
Seigniorage Fee	75,155.00
Total	15,36,886.00
COST (IN LACS) =	
15.369	
GRAND TOTAL	15.369 Lacs

8 Rate:-

Rates for various item of works of the project have been derived from the "Schedule of Rates 2020 for Road works, Culvert works & Carriage etc. Standard Data Book of Rate Analysis for Rural Road and "Schedule of Rates" effective from 16/04/2020, Labour Rate revised on letter. पत्रांक - मु.नि.(पथ)53/2018-35(अनु) पटना / दिनांक- 11/05/2020.

The all Rates are excluding the Contractor Profit and Over head Charges, but including the Seigniorage Fee, GST & Labour cess etc. The payment will be made on actual work done.

20.10.21
Junior Engineer
RWD Works, Section
Khajali

20/10/21
Assistant Engineer
RWD Works, Sub-Division
Khajali

20/10/21
Executive Engineer
RWD Works, Division
Madhubani

Name of Work:-

Restoration of Khajauli to Jaynagar Road

Block:-

Khajauli

Total Length for E/W:-

674.80 Meter

LENGTH:-

(A) Temporary Restoration
674.80 M

5 WRD Granular sub base with Brickbat Material

6.6.1 Providing and laying dry graded jhama khoa/ Brickbat or stone filter under brick pitching or boulder pitching in slope or apron including light ramming etc. all complete job as per specification and direction of E/I.

at Ch

103-200	1	x 1.50	x 2.000	x 0.200 0.10	= 0.30	M ³ 0.30
200-700	1	x 28.00	x 3.25	x 0.350 0.125	= 31.65	M ³ 11.37
	1	x 2.00	x 2.00	x 0.300 0.10	= 1.00	M ³ 0.4
	1	x 4.50	x 1.50	x 0.250 0.075	= 1.50	M ³ 0.50
	1	x 1.00	x 1.00	x 0.300 0.075	= 0.30	M ³ 0.075
	1	x 5.50	x 1.50	x 0.250 0.188	= 2.05	M ³ 1.55
	1	x 4.30	x 1.25	x 0.250 0.075	= 1.21	M ³ 0.40
	1	x 6.00	x 1.50	x 0.300 0.075	= 2.00	M ³ 0.675
	1	x 5.00	x 1.50	x 0.300 0.10	= 2.25	M ³ 0.75
	2	x 0.50	x 0.50	x 0.250 0.075	= 0.31	M ³ 0.03
	1	x 9.50	x 1.30	x 0.250 0.075	= 3.00	M ³ 0.92
	1	x 10.50	x 1.00	x 0.250 0.075	= 2.50	M ³ 0.78
	1	x 30.00	x 2.00	x 0.250 0.075	= 15.00	M ³ 4.5
	1	x 11.00	x 1.50	x 0.250 0.075	= 4.13	M ³ 1.29
	1	x 5.00	x 0.50	x 0.250 0.075	= 0.63	M ³ 0.18
	1	x 3.50	x 0.50	x 0.250 0.075	= 0.31	M ³ 0.131
	1	x 2.40	x 1.10	x 0.250 0.075	= 0.31	M ³ 0.198
	1	x 4.30	x 1.00	x 0.250 0.075	= 0.63	M ³ 0.322
	1	x 5.80	x 1.50	x 0.250 0.075	= 2.18	M ³ 0.65
	2	x 4.00	x 1.20	x 0.250 0.125	= 2.88	M ³ 1.2
	1	x 3.00	x 2.00	x 0.250 0.075	= 1.50	M ³ 0.45
	1	x 14.00	x 1.25	x 0.250 0.075	= 3.50	M ³ 1.31
	1	x 2.70	x 1.50	x 0.250 0.125	= 1.52	M ³ 0.50
	1	x 1.50	x 1.00	x 0.150 0.075	= 0.23	M ³ 0.11
	1	x 8.40	x 3.00	x 0.250 0.075	= 6.30	M ³ 1.89
	1	x 4.50	x 3.25	x 0.250 0.075	= 3.60	M ³ 1.03

Total = 31.511 M³

1	x	2.80	x	0.75	x	0.200	0.075	= 0.11	M ¹	0.15 M ³	
1	x	3.00	x	3.25	x	0.250	0.075	= 2.40	M ¹	0.73	
1	x	4.50	x	1.25	x	0.250	0.125	= 0.41	M ¹	0.70	
1	x	5.00	x	1.00	x	0.200	0.075	= 1.00	M ¹	0.375	
1	x	3.30	x	2.75	x	0.200	0.075	= 1.82	M ¹	6.80 0.68	
1	x	10.50	x	1.25	x	0.200	0.075	= 2.65	M ¹	0.98	
1	x	0.50	x	0.75	x	0.150	0.075	= 0.11	M ¹	0.028	
1	x	4.30	x	3.20	x	0.250	0.150	= 2.44	M ¹	2.06	
1	x	7.50	x	3.50	x	0.250	0.150	= 6.56	M ¹	3.93	
1	x	1.50	x	2.00	x	0.200	0.075	= 0.60	M ¹	0.225	
2	x	0.50	x	0.40	x	0.150	0.075	= 0.06	M ¹	0.03	
1	x	4.00	x	3.25	x	0.250	0.075	= 3.25	M ¹	0.975	
1	x	1.50	x	1.50	x	0.200	0.075	= 0.45	M ¹	0.168	
1	x	5.00	x	1.50	x	0.150	0.075	= 1.15	M ¹	0.56	
1	x	0.80	x	0.50	x	0.100	0.075	= 0.04	M ¹	0.04	
1	x	1.50	x	1.25	x	0.150	0.075	= 0.28	M ¹	0.28	
1	x	3.00	x	2.50	x	0.200	0.075	= 1.50	M ¹	6.56	
1	x	5.50	x	1.50	x	0.200	0.075	= 3.65	M ¹	6.618	
2	x	0.50	x	0.50	x	0.200	0.075	= 0.10	M ¹	0.03	
1	x	3.20	x	3.30	x	0.200	0.075	= 2.11	M ¹	0.79	
2	x	0.50	x	0.50	x	0.150	0.075	= 0.08	M ¹	0.075	
Upto canal	1	x	9.00	x	2.60	x	0.250	0.075	= 5.85	M ¹	1.75
1	x	1.50	x	0.50	x	0.200	0.075	= 0.15	M ¹	0.056	
1	x	5.20	x	3.70	x	0.250	0.125	= 4.61	M ¹	2.40	
1	x	8.50	x	3.375	x	0.200	0.075	= 5.74	M ¹	2.151	
2	x	4.00	x	1.30	x	0.150	0.075	= 1.56	M ¹	0.78	
700-1000	1	x	2.50	x	2.60	x	0.200	0.40	= 1.30	M ¹	2.6
1	x	1.00	x	0.50	x	0.150	0.075	= 0.08	M ¹	0.075	
1	x	13.50	x	1.25	x	0.200	0.075	= 3.38	M ¹	1.26	
1	x	9.50	x	3.75	x	0.250	0.10	= 4.91	M ¹	3.56	
1	x	15.20	x	3.00	x	0.250	0.10	= 11.40	M ¹	4.56	
1	x	6.50	x	2.75	x	0.250	0.075	= 1.47	M ¹	1.34	
1	x	3.80	x	2.00	x	0.300	0.075	= 2.20	M ¹	0.57	
1	x	1.50	x	3.00	x	0.200	0.075	= 0.80	M ¹	0.33	
1	x	12.00	x	3.75	x	0.250	0.125	= 11.75	M ¹	5.62	
1	x	10.00	x	1.25	x	0.200	0.125	= 2.50	M ¹	1.56	
2	x	1.50	x	1.25	x	0.250	0.075	= 0.91	M ¹	0.281	
1	x	10.00	x	1.25	x	0.200	0.075	= 2.40	M ¹	0.93	
1	x	1.00	x	3.60	x	0.200	0.075	= 2.56	M ¹	0.225	

	1	x	2.50	x	2.00	x	0.200 0.075	= 1.700	M ¹	0.375
	1	x	2.00	x	1.00	x	0.150 0.075	= 0.30	M ¹	0.15
	1	x	2.40	x	1.50	x	0.250 0.075	= 0.40	M ¹	0.27
	1	x	3.00	x	4.00	x	0.150	= 1.80	M ¹	1.8
	1	x	2.00	x	1.50	x	0.150	= 0.45	M ¹	1.8
	1	x	5.50	x	0.70	x	0.150	= 0.58	M ¹	
	✓ 1	x	1.50	x	0.50	x	0.150	= 0.23	M ¹	
	✓ 1	x	1.00	x	1.00	x	0.150	= 0.15	M ¹	
	1	x	2.50	x	1.00	x	0.150	= 0.38	M ¹	
	1	x	1.50	x	1.00	x	0.200 0.075	= 0.30	M ¹	0.11
	1	x	7.00	x	3.00	x	0.450 0.125	= 0.85	M ¹	2.62
In village	1	x	83.00	x	3.75	x	0.725 0.250	= 228.15	M ¹	77.81
	1	x	4.50	x	2.00	x	0.150	= 1.35	M ¹	
	1	x	5.00	x	3.50	x	0.400 0.125	= 2.00	M ¹	2.81
	1	x	4.00	x	2.25	x	0.400 0.125	= 2.00	M ¹	1.12
	1	x	2.40	x	1.50	x	0.150	= 0.54	M ¹	
	1	x	2.60	x	1.00	x	0.250	= 0.65	M ¹	
	1	x	52.00	x	3.50	x	0.400 0.30	= 22.80	M ¹	54.6
	✓ 1	x	2.50	x	2.00	x	0.150	= 1.50	M ¹	
2100-2400	1	x	2.00	x	2.00	x	0.200	= 0.80	M ¹	
	1	x	1.50	x	1.50	x	0.250	= 0.56	M ¹	
	1	x	2.00	x	2.00	x	0.250 0.20	= 2.00	M ¹	0.80
	1	x	2.00	x	1.00	x	0.150	= 0.20	M ¹	
	1	x	21.00	x	3.50	x	0.350 0.250	= 25.75	M ¹	18.37
	1	x	2.50	x	1.50	x	0.250	= 0.94	M ¹	
3000-3400	1	x	7.00	x	3.75	x	0.280 0.075	= 5.25	M ¹	1.96
	1	x	2.40	x	1.00	x	0.200 0.075	= 0.48	M ¹	0.18
	2	x	1.00	x	0.50	x	0.200 0.075	= 0.20	M ¹	0.075
	1	x	1.50	x	1.00	x	0.150	= 0.23	M ¹	
	1	x	6.50	x	4.00	x	0.200 0.075	= 5.20	M ¹	1.95
	1	x	2.00	x	1.50	x	0.200 0.075	= 3.60	M ¹	0.225
	1	x	2.50	x	1.50	x	0.200 0.075	= 4.75	M ¹	0.28
	1	x	5.50	x	2.50	x	0.200 0.075	= 6.75	M ¹	1.03
	1	x	7.00	x	2.50	x	0.200 0.075	= 3.50	M ¹	1.31
	1	x	2.00	x	1.00	x	0.200 0.075	= 0.40	M ¹	0.15
	1	x	5.00	x	2.50	x	0.200 0.075	= 1.60	M ¹	0.93
	1	x	8.50	x	2.88	x	0.250 0.125	= 6.44	M ¹	3.06
	1	x	4.00	x	2.50	x	0.350 0.125	= 3.50	M ¹	1.25

	1	x	3.50	x	3.00	x	0.075	=	1.10	M ³	0.78
	1	x	1.50	x	1.50	x	0.075	=	0.43	M ³	1.01
At last place	1	x	5.00	x	2.50	x	0.075	=	1.50	M ³	0.93
	1	x	7.00	x	3.70	x	0.075	=	1.98	M ³	1.94
	1	x	4.00	x	2.5	x	0.075	=	0.90	M ³	0.75

Total

110

ADD GOODS AND SERVICE TAX
ADD LABOUR CESS
Seigniorage Fee
GRAND TOTAL

262.84 M³

Rs. 168.72 / M³ Rs. 12,93,567 /-
Total Rs. 2004.92 / M³
GRAND TOTAL Rs. 12,93,567 /-
Rs. 1,55,228 /-
Rs. 12,936 /-
Rs. 15,36,886 /-
Rs. 15,36,886 /-
Say Rs. 15,36,886 /-

5.26,998=00
63,240=00
5270=00
27,129=00
6,22,637=00

20/10/21

20/10/21

20/10/21

Junior Engineer
RWD Works, Section
Khajauli

Assistant Engineer
RWD Works, Sub-Division
Khajauli

Executive Engineer
RWD Works, Division
Madhubani

Verified
06/11/21
JB

06/11/21

कार्यपालक अभियन्ता ग्रां कां किं कार्य प्रमाण - विराल
के हाथ सम्पन्न और प्रमाण के आधार पर -

POST-Facto T/S for Rs. 6,22,637=00 (Rupees -
Six lacs twenty two thousand six hundred thirty seven) only.

Superintending Engineer
R.W.D. (W) CIRCLE, DARBHANGA
15/11/21
17/05/22