



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

BIHAR RURAL ROADS PROJECT

Bihar Rural Development Agency (BRRDA)

PLAN HEAD :- F.D.R. 2245

A.A. COPY

YEAR (2021-22)

State :- BIHAR

District :- Darbhanga

Block :- MANIGACHHI

Manigachhi Se Ghanshyampur Road

Actual Length of Road	=	29.550 Km
Flood affected Length of Road	=	0.109 Km
TOTAL COST OF PAVEMENT	Rs	233,475.00 169638.00
TOTAL PROJECT COST	Rs	233,475.00 169638.00

Submitted By:
Executive Engineer
RWD (W) Division, Darbhanga-2

Prepared By:
Executive Engineer
RWD (W) Division, Darbhanga-2

Inspection Report for Flood Damage Work

Date :- 2.12.21

Name of PIU :- Executive Engineer, RWD, Works Division, Dharbhanga-2

Name of Block :- Manigachhi

Name of Road :- Manigachhi Le Ghatshyampur Road

(A) For Road :-

1. Damage Location/Chainage :- At ch. 1500, 1600, 1650, 1700 & 1750

2. Damage Length :- 101.50 M

3. Nature of Damage :- Road Breach, Pot holes on Road Surface and Shoulder Erosion

4. Details of Restoration Work :-

(i) Material being used in Restoration Works :- Brick Bats.

(ii) Equipment's/Tools being used in Restoration works :- Tractor, Rammer, Axes and Spade

(iii) Procedure taken up in Restoration Works :- Manual laying and Compacting of Brick Bat

(iv) Restored Length :- 101.50 M

(B) For Bridge :-

1. Damage Location/Chainage :-

2. Damage Length :-

3. Nature of Damage :-

4. Details of Restoration Work :-

(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 :-

work found satisfactory

Signature of JE/AE/EE

2.12.21
AE

Signature

(Name of Inspecting Officer)

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :- Manigachhi Se Ghanshyampur Road
 DISTRICT :- Darbhanga
 BLOCK :- MANIGACHHI
 Actual Length of Road :- 29.550 Km
 Flood Affected Length of Road :- 0.109 Km

		Lead in Km	7	+	1
Sr. No.	Description				Amount (In Rs.)
1	Brick bats Total Qty. = $\frac{98.56}{71.614 \text{ m}^3}$ @ 2,004.96				197,613.00 143582.00
2	Add GST @ 12%=				23,714.00 17230.00
3	Add Labour Cess @ 1%=				1,976.00 1436.00
4	S.F. @10% on material(Brick Bats)=				10,172.00 7390.00
TOTAL RESTORATION COST OF THE PROJECT IN Rs.					233,475.00 169638.00

Post facto T/S for Rs. 1,69,638/- (Rs one lac sixty nine Thousand Six Hundred Thirty Eight only.)

Superintending Engineer
 RWD Works Circle, Darbhanga

Junior Engineer

RWD (W) Division, Darbhanga-2

Assistant Engineer

RWD (W) Division, Darbhanga-2

Executive Engineer

RWD (W) Division, Darbhanga-2

Estimate for Temporary Restoration of Flood affected Road

Name of Road:- Manigachhi Se Ghanshyampur Road

BLOCK :- MANIGACHHI

District:- Darbhanga

SUB HEAD : BRICK BATS

Laying & Distribution of Brick bats on affected Road portion as per specification to meet the required slope and proper light Ramming from a specified lead as per direction of E/I.

Sl No	Chainage	Unit	Nos.	Length (m)	Width (m)	Depth / Thickness (m)	Quantity	Rate (In Rs.)	Amount (In Rs.)
	From	To							
	800		1.00	2.50	3.75	$\frac{0.55 + 0.3}{2}$	$\frac{3.987}{2.004}$	2,004.96	14,097.0
			1.00	4.25	$\frac{4.60 + 2.30}{2}$	0.30	4.398	2,004.96	8,818.0
			1.00	3.70	1.40	0.25	1.295	2,004.96	2,596.0
			1.00	7.20	1.50	0.25	2.700	2,004.96	5,413.0
			1.00	3.00	2.00	0.25	1.500	2,004.96	3,007.0
			1.00	7.25	1.50	0.25	2.719	2,004.96	5,451.0
			1.00	5.40	2.00	0.25	2.700	2,004.96	5,413.0
			1.00	4.00	$\frac{4.70 + 2.00}{2}$	$\frac{0.47 + 0.35}{2}$	$\frac{4.690}{3.040}$	2,004.96	16,120.0
			1.00	4.50	1.30	0.25	1.463	2,004.96	2,932.0
			1.00	7.00	$\frac{4.00 + 3.00}{2}$	$\frac{0.45 + 0.25}{2}$	$\frac{8.575}{11.025}$	2,004.96	22,105.0
			1.00	4.00	5.00	0.45	9.000	2,004.96	18,045.0
			1.00	3.70	$\frac{1.60}{1.50}$	0.25	$\frac{0.925}{1.388}$	2,004.96	2,782.0

C.O. 41.23

Sl No	Chainage		Unit	Nos.	Length (m)	Width (m)	Depth/Thickness (m)	Quantity	Rate (In Rs.)	Amount (In Rs.)
	From	To								
	1650		Cum	1.00	3.50	2.00	B.F.	41.23	2,004.96	3,509.0
				1.00	11.30	2.60	0.25	1.750	2,004.96	17,672.0
				1.00	5.70	1.00 2.00	0.25	1.425 2.850	2,004.96	5,714.0
				1.00	8.50	2.50	0.30 + 0.2 2	5.312 6.375	2,004.96	12,782.0
	1700		Cum	1.00	6.00	3.40 + 1.50 2	0.45	6.615	2,004.96	13,263.0
				1.00	9.00	1.50	0.30 + 0.2 2	3.375 4.050	2,004.96	8,120.0
				1.00	6.00	1.50	0.30 + 0.2 2	2.25 2.700	2,004.96	5,414.0
				1.00	2.25	1.50 6.00	0.25 0.40	0.843 12.150	2,004.96	24,360.0
	1750		Cum		101.50 108.750			71.614 158.562	Total Amt.	113,583 157,613.00

Junior Engineer
14.11.24

RWD (W) Division, Darbhanga-2

Assistant Engineer

RWD (W) Division, Darbhanga-2

Executive Engineer
14.11.24

RWD (W) Division, Darbhanga-2

Verified and corrected as per site condition.
Qty of Brick Bat = 71.614 m³

For
2.12.24
J.E.

02.12.24
AE

For
2.12.24
EE