

Inspection Report for Flood Damage Work

Date.: 26.12.20 ..

1. Name of PIUs – Executive Engineer, R.W.D., Works, Division, Muzaffarpur West

2. Name of Block – Motipur

3. Name of Road/Bridge – Dhumnagar P.W.D. road to Bankat via Bakhri

A. for Road

1. Damage Location/Chainage : ✕

2. Damage Length : ✕

3. Nature of Damage : ✕

4. Details of Restoration Works : ✕

i. Material being used in Restoration works : ✕

ii. Equipments/Tools being used in Restoration Works : ✕

iii. Procedure taken up in Restoration works : ✕

iv. Restored Length : ✕

B. for Bridge

1. Damage Location/Chainage : 0-150 K.M.

2. Damage Length : 8 M.

3. Nature of Damage : C.D. Work Wash out in Flood.

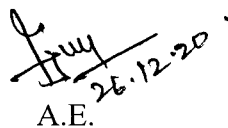
4. Details of Restoration Works :

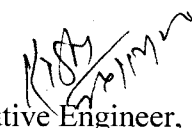
i. Material being used in Restoration works : Hume Pipe, Brick Bats & Local Sand

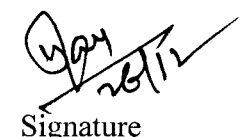
ii. Equipments/Tools being used in Restoration Works : Tractor, JCB Machine

iii. Procedure taken up in Restoration works : Hume pipe Laid in base and
iv. Restored Length : 8.0 M brick bats filling them Local Sand
Top Layer


J.E.


A.E.


Executive Engineer,
R.W.D. Works Division,
Muzaffarpur west


Signature
(Name of Inspector)

GENERAL ABSTRACT

Name of Road Dhumnagar PWD Sadak to Bakhni hote huye Bankat Tak

District Muzaffarpur

Block Motipur

Division Muzaffarpur West

Length of Road (in Km) 0.500 Km

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	Jhama metal	0.755
2	Sand Filling	0.012
3	H.P. culvert	2.509
4	Bamboo Piles	0.000
	GRAND SUB TOTAL	3.276
TOTAL COST OF PROJECT IN LACS =		3.276

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JE

RWD

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20.11.20
AE

RWD

[Signature]
31.11.20
EE

RWD

Technically approved for Rs. 3.276 lacs (Rupees Three lacs Twenty seven thousand six hundred) only.

[Signature]
31.12.20
Superintending Engineer
Rural Works Department
Work Circle Muzaffarpur

[Signature]
31.12.20
4

Sl. No.	SDB SL NO	MORD Ref. No	Description	Unit	QUANTITY	RATE	AMOUNT (in Rs.)
1		13.7 SoR Bihar Govt. (1985)	Jhama metal Labour for consolidation in Jhama metal by Road Roller in proper grade camber and super elevation dry and wet rolling including cost of running charge of roller diver and khalasi making and maintaining diversion light barrier - do - do - danger signal etc. all complete .				
			Appendix - I	Cum	37.12		
				Total	37.12	2033.34	75477.58
2		11.20	Sand Filling Filling in foundation trenches as per drawing and technical specification Clause 305.3.9				
			Appendix - II	Cum	2.750		
				Total	2.75	454.53	1249.96
Total Cost :-							76727.54

July 20.10.20

S. S. S. S.

20/10/20

5.04A DETAILED COST ESTIMATE OF HUME PIPE CULVERT 1000mm dia(Single Row)

Sl. No.	SOR Item no.	Description	Qty. (Nos.)	Length (m)	Width (m)	Height (m)	Quantity	Unit	Rate (Rs)	Amount in Rs.
Cross Drainage Structure (Hume Pipe Culvert): 1000mm dia (single Row)										
1	11.1 (I) (i)	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.								
		End Wall	2	6.35	1.40	1.45	25.79			
		Bed Conc	1	5.70	1.55	0.25	2.21			
						Total	28.00	Cum	289.70	8,027.60
2	11.4 (I) (i)	Providing concrete for plain/reinforced concrete (M-10) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203								
		End Wall	2	6.35	1.40	0.15	2.67			
						Total	2.67	Cum	5,960.07	15,913.39
3	11.4 (II)	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M15								
		End Wall(Avg. W=(1.25+0.4)/2) = 0.825	2	6.20	0.825	2.55	26.09			
		Deduct Pipe Portion = $3.14 \times 0.62 \times 0.62 = 1.21$	2	1.21		0.65	-1.58			
						Total	24.51	Cum	5,801.15	1,42,186.19
4	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 1000 mm dia as per design in Single Row	1	7.5			7.50	m	3,594.14	26,956.04
5	11.4 (III)	Providing concrete for plain/reinforced concrete (M-20 Nominal mix 1:2:4) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 Bed Portion	1	5.79	1.55	0.250	2.24	Cum		
		Parapet Coping	2	6.20	0.40	0.075	0.37			
						Total	2.61	Cum	6,274.85	16,377.36
6	12.10 (II)	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8								
		Side of Hume Pipe	1	5.79	6.2	1.240	44.52	Cum		
		Less Hume Pipe = $3.14 \times 0.60 \times 0.60 = 1.13$	1	5.79	1.55	1.240	11.13			
						Total	33.39		454.53	15,176.76
7	13.9	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	2	6.200	0.400	0.600	2.98	Cum	5,670.67	16,898.60
8	12.3	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204			Width /Height					
		Parapet Wall (sides)	4	6.20	0.60		14.88			
		Parapet Wall (top)	2	6.20	0.40		4.96			
		Parapet Wall (Ends)	4	0.40	0.60		0.96			
		Parapet Wall Belo U/S & D/S	2	6.20	1.00		12.40			
						Total	33.20	Sqm	167.13	5,548.72
9		Guide Post	8					Nos	479.63	3,837.04
Grand Total for 1 No. of HP Culvert :										2,50,922.00

S. T. K. S. E.

20.11.20

20/11/20

Name of Road :- Dhumnagar PWD Sadak to Bakhni hote huye Bankat Tak

Block :- Motipur

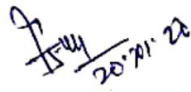
Appendix - I

Measurement for Surfacing the breach Brick Bats

S. No	Chainage	Nos	Length (M)	Width (M)	Av. Width (M)	Thickness (M)	Av. Thickness (M)	Quantity (Cum)
1		1	5		5.5		1.5	41.25
Total (Cum) :-								41.25
Deduction for Voids 10 % (Cum)								4.13
Total Quantity (Cum)								37.12



Junior Engineer,
Rural Works Department,
Work Section,
Muzaffarpur West



Assistant Engineer,
Rural Works Department,
Work Sub Division,
Muzaffarpur West



Executive Engineer,
Rural Works Department,
Work Division,
Muzaffarpur West

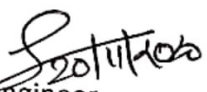
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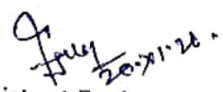
Block :- Motipur

Appendix - II

Measurement for Surfacing the breach Sand Filling

S. No	Chainage	Nos	Length (M)	Width (M)	Av. Width (M)	Thickness (M)	Av. Thickness (M)	Quantity (Cum)
1		1	5		5.5	0.1	0.1	2.75
Total								2.75


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