

(Temporary Restoration) 2-11-12



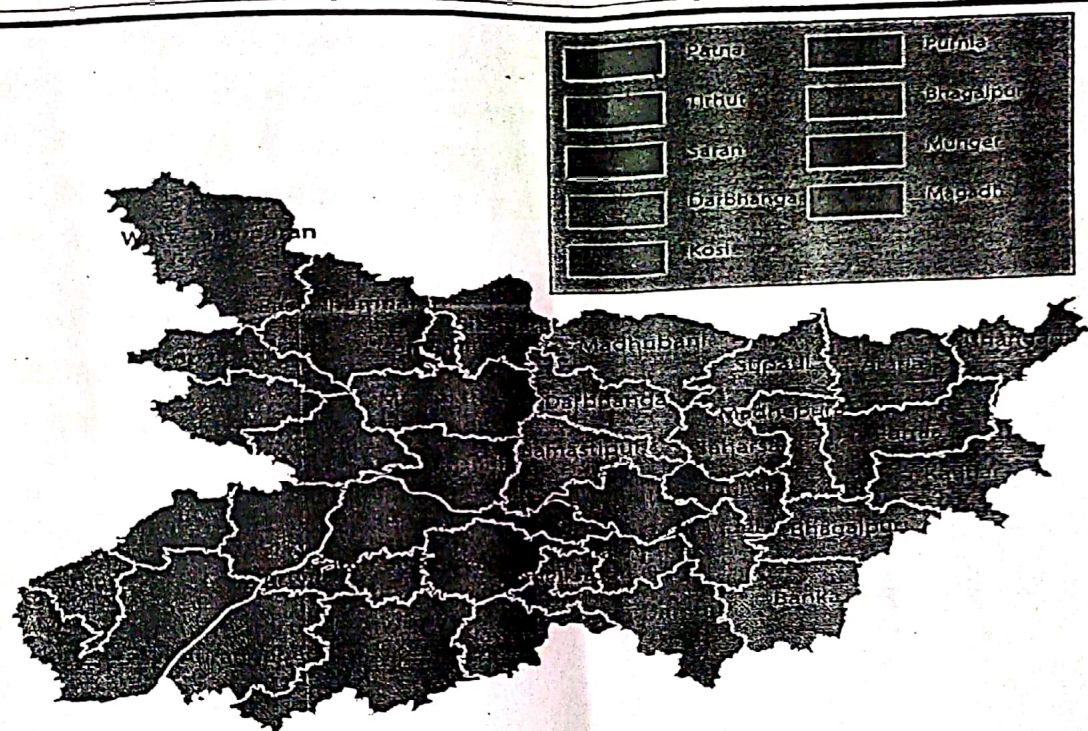
ग्रामीण कार्य विभाग

Rural Works Department, Govt. of Bihar

BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

DETAILED PROJECT REPORT FOR PART-A (FULLY RESTORATION OF DAMAGED ROAD)



DISTRICT :	Rohtas	BLOCK :	Kochas
NAME OF ROAD :	Sasaram Chausa Road To Narwar Khudua		
PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL	:	9.293 10.606	Lakhs
TOTAL PROJECT COST	:	9.293 10.606	Lakhs
SUBMITTED BY: EXECUTIVE ENGINEER RWD (W) DIVISION, SASARAM-1 ROHTAS			

GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

NAME OF ROAD	Sasaram Chausa Road To Narwar Khudua
DISTRICT	Rohtas
BLOCK	Kochas
DIVISION	Sasaram-1

Sl No.	DESCRIPTION	AMOUNT (LAKHS)
PART-A	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL	
1	Excavation	1.079
2	GSB GR-II	0.856
3	HPC REMOVING & PLACING	0.322
4	PROPOSED NEW HPC (3 X 1000 MM DIA)	1.915
4	BRICK BAT	1.220 2.38.
5	BAG FILLING	2.832
	SUB TOTAL OF INTIAL RECTIFICATION INDLUCDING SURFACE RENEWAL =	8.224 9.38
	SUB TOTAL(A) =	8.224 9.38.
	12 % GST (B)	0.987 1.126
	1% LABOUR CESS ©	0.082 0.09.
	TOTAL COST OF PROJECT (including GST & Labour Cess) IN LACS =	10.606 10.606

JE 16/9/21
RWD

AE 16.09.21
RWD

EE 16/9/21
RWD

7/12/21
RWD

10.12.21
AE

Technically approved A
Rs 10.608 lac of R.P. Ten
lac supply & installation of
RWD Control Joints.

Checked
20/11/21
EE RWD
Sasaram

20/11/21
Sasaram

P. F. O

Tramway Station B R 10/10/19
(Rs) For the City House in
Rumoury Jany

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DETAILED ESTIMATE											
Sl. No.	SDB SL NO.	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (IBRS)
			Sub Head : PAVEMENT LAYERS - GSB & WBM ITEMS								
1	New	(ii)	Granular Sub-base with Well Graded Material (Table 400.1) (By mix in place method) For Grading II Material								
			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.								
			Quantity Report For 10 m Damaged Road @ CH : 200m	Cum					=	5.400	
			Quantity Report For 15 m Damaged Road @ CH : 2500m	Cum					=	11.250	
			Quantity Report For 25 m Damaged Road @ CH : 7290m	Cum					=	12.500	
			Net GSB Qty						=	29.150	2,938.000
											85,643.00

Sl. No.	SDR SL NO.	MOND RefNo	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	(INRS)
2			Dismantling of Existing HPC & then Using Same HPC (1 x 1000 mm Dia) Removing all types of Hume pipes and stacking including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202.								
			Above 900 mm dia Hume pipe	RM		3.00			3.000	444.071	1,332.00
			Using Hydra Crane For Dismantling and Filling HPC						21.000	1,470.000	30,870.00
3	9.1 / 11.1		Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104								
			For length of 10 m @ CH : 200 m								
			H.W Cum		1.00	10.000	2.700	3.200	=	86.400	
			Below Pipe Cum		3.00	2.500	3.500	1.000	=	26.250	
			For length of 15 m @ CH : 200 m								
			H.W Cum		2.00	10.000	5.500	1.500	=	165.000	
			Below Pipe Cum		1.00	5.000	2.500	1.000	=	12.500	
			For length of 25 m @ CH : 200 m								
			H.W Cum		1.00	25.000	2.500	1.200	=	75.000	
			Net Qty							365.150	295.550
											1,07,920.00
4			9.3 (B) Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106								
			Proposed HPC For length of 10 m @ CH : 200 m	RM	9.00			2.500	=	22.500	
			Proposed HPC For length of 25 m @ CH : 2500 m	RM	3.00			2.500	=	7.500	
			Net Qty							30.000	6,382.707
											1,91,481.00
5	New		Brick Bat								
			Supplying, Filling, Spreading & Compacting of Brick Bats at work Site								
			Quantity Report For 10 m Damaged Road @ CH : 200m	Cum					=	25.920	
			Quantity Report For 15 m Damaged Road @ CH : 2500m	Cum					=	44.000	
			Quantity Report For 25 m Damaged Road @ CH : 7290m	Cum					=	4.100	68.75
			Net Qty							74.020	1,717.670
											421,989.00
										138.64	238,189.60

Sl. No.	SDH SL NO	MORD RefNo	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (IN RS)
6			Bags Fill With Local Sand								
			Providing, Supplying and laying Empty Cement Bags including filling, stothing, laying and placing at worksite all complete job as per specification and direction of E/L								
			Quantity Report For 10 m Damaged Road_Filling (Sand)	Nos	Capacity of 1 bag of cement is 0.035 cum, take 0.035 cum for sand filling & GSB-II as to seal the opening. Hence no of bags per cum = (0.03 / Qty)	67.500	/	2,250.00	23.207	52,216.00	
			Quantity Report For 15 m Damaged Road_Filling (GSB-II)	Nos		20.700	/	690.00			
			Quantity Report For 25 m Damaged Road_Filling (GSB-II)	Nos		156.250	/	5,208.00			
			Cost per bags =			5,898.00	39.16	2,30,967.00			
B) SUB TOTAL OF CRUST =											8,22,418.00
TOTAL COST OF PAVEMENT IN RS (A+B+C+D) =											8,22,418.00

JE 16/9/21
RWD

AE 16.09.21
RWD

EE 16/9/21
RWD

7/11/21
JE

7.12.21
AE

7/12/21

Inspection Report for Flood Damage Work

Date:- 20-11-2021

Name of PIU- RWD WORKS DIVISION, SASARAM-1.

Name of Block /Road- Sasaram ehousa road to Narwar Khudm


(A) For Road-

- Damage
1. Damage location/Chainage :- 0.2 km, 2.5 km, 7.25 km
 2. Damage Length :- 50 m
 3. Nature of Damage :- shoulder and BT surface
 4. Details of Restoration Works:-

- (i) Material being used in Restoration Works:- Sand bag, brick bat
- (ii) Equipment's/Tools Being used in Restoration Works:- JCB, Hydra
- (iii) Procedure taken up in Restoration works:- Back filling
- (iv) Restored Length :- 50 m

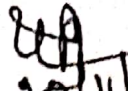
(B) For Bridge:

1. Damage location/Chainage :-
 2. Damage Length :-
 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 :-

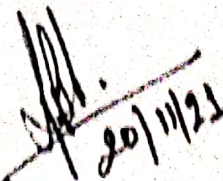

20/11/21

Signature of JE

Signature of AE


20/11/21

Signature of EE


20/11/21

Signature

E.E. Sasaram

(Name of In-charge)