

Project No :- N205023009007



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)



AA COPY

DETAILED PROJECT REPORT

STATE :-	Bihar	DISTRICT :-	Gaya.
DIVISION :-	Sherghati	BLOCK :-	Mohanpur
NAME OF ROAD :-	Pradumanchak More via Bajukala To Bumuar		
TOTAL LENGTH OF ROAD	=	2.950 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	2.950 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 204.185 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 69.215 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 22.826 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 41.430 Lacs	
TOTAL PROJECT COST	=	Rs. 268.441 Lacs	
YEAR (2024 - 2025)			

Submitted By :-
Executive Engineer
RWD (w) Division, Sherghati
Gaya.

Prepared By:
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प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Mohanpur के अधीन
ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ

Pradumanchak More via Bajukala to Bumuar

के नवीनीकरण/उन्नयन/पुनर्निर्माण किये जाने हेतु तैयार किये गये
प्राक्कलन में कृत प्रावधान स्थल के अनुरूप है जिसमें विशेषतः सघन
आबादी एवं संकीर्ण क्षेत्र में Cement Concrete Pavement(यदि लागू हो)
एवं Traffic की गणना के आधार पर BM (यदि लागू हो) का प्रावधान
किया गया है ।



संबंधित पदाधिकारी का नाम :-

पदनाम:- AE

पदस्थापन स्थल:- गोहाट

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Mohanpur के अधीन

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किया गया है ।

संबंधित पदाधिकारी का नाम :-

पदनाम:- Executive Engineer.

पदस्थापन स्थल:-

Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:-, Mohanpur

District:- Gaya.

Construction Length Of Road:- 2.950 KM

Name Of Road:- Pradumanchak More via Bajukala To Bumuar

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 144.551 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 24.228 Lacs
	TOTAL ESTIMATED COST (1+2)	: 168.779 Lacs
	Labour Cess @1%	: 1.688 Lacs
	Add Seigniorage Fee @10%	: 2.572 Lacs
	Sub Total	: 173.038 Lacs
	GST @18%	: 31.147 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 204.185 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 18.961 Lacs
	Labour Cess @1%	: 0.190 Lacs
	Add Seigniorage Fee @10% .	: 0.194 Lacs
	Sub Total	: 19.344 Lacs
	GST @18%	: 3.482 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 22.826 Lacs
C	SUB TOTAL COST (A+B)	: 227.011 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 34.052 Lacs
E	Contingency @ 1% OF "C"	: 2.270 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 5.108 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 268.441 Lacs

Junior Engineer

Asstt. Engineer

Executive Engineer

SE
RWD
Superintending Engineer
Rural Works Department
Works Circle, Gaya

ENGINEERING SERVICES

Total Construction Cost:	→ 204.185	Lacs
Minor Improvement	}	
Initial Rectification		
5th Year Periodic Renewal		
Total Maintenance Cost	→ 22.826	Lacs
(1st, 2nd, 3rd, 4th, 6th & 7th):		
Other Cost:		
Emergent Cost	→ 34.052	Lacs
Contingency Cost	→ 2.270	Lacs
Administrative Cost	→ 5.108	Lacs
Total:-	268.108	Lacs

T.A. No.....dt.....
 Ref. SE letter No.....dt.....
 Technically Approved for Rs. 268.108 Lacs....
 (Rupees..Two..crore.....Sixty.....eight..lacs...
Ten.....thousand.....eight.....hundred) Only
 for construction work & 5 Years Maintenance

Qus
 9/11/25

Vijay
 E.E. 11/12/25
 Tec. Secy.

Qus
 11/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : Pradumanchak More via Bajukala To Bumuar										Road No : 1											
Section From :		Up	↓	Pradumanchak More via Bajukala						To	Pradumanchak More via Baju Station No :										
Location Km :		Down	↑	Bumuar						To	Bumuar										
		2.950 Km						28 - 12 - 2024						24 Hours							
TIME		Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeeep/ Van/ Taxi	Bus		LCV	TRUCK		Agei. Tractor		SLOW MOVING VEHICLES				Hourly PCU	Peak Hour PCU				
					Loaded	Un loaded		Loaded	Un loaded	With Trailer	Without Trailer	Cycle Rickshaw	Bullock Cart	Animal Drawn	Num. Tyred						
6.00 AM - 12.00 PM		52	0	21	2	2	10	2	2	5	8	5	0	1	0	127					
12.00 PM - 6.00 PM		26	0	32	3	0	8	5	3	6	9	6	1	0	1	140					
6.00 PM - 6.00 AM		35	1	25	0	1	9	3	4	7	7	7	0	0	0	127					
Total		113	1	78	5	3	27	10	9	18	24	18	1								
PCU FACTOR		0.5	1	1	3	3	1.5	3	3	4.5	1.5	0.5	2	4	4						
Total PCU		56.5	1	78	15	9	40.5	30	27	81	36	9	2	0	0	385					