

Project ID:- 10502302122

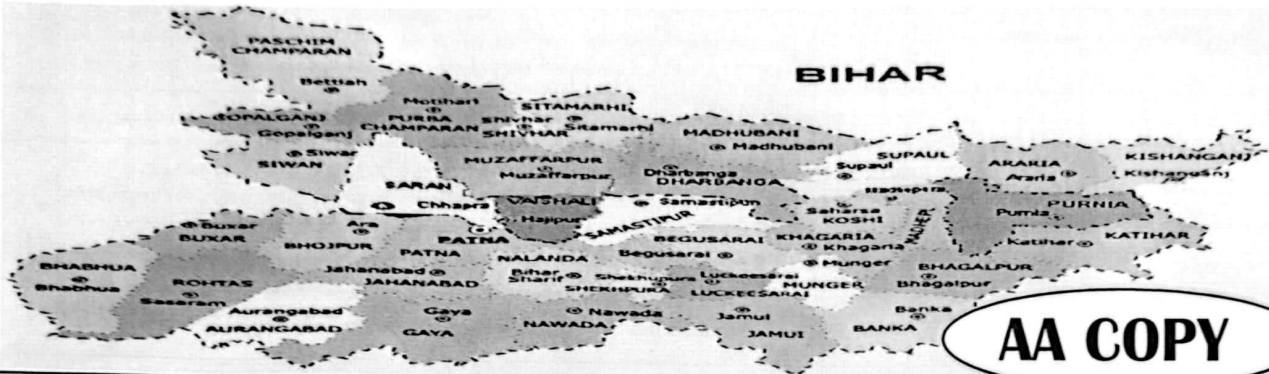


ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)



DETAILED PROJECT REPORT

STATE :-	Bihar	DISTRICT :-	Gaya.
DIVISION :-	Sherghati	BLOCK :-	Mohanpur
NAME OF ROAD :-	L047-L022 To BHAGWANPUR (VR26)		
TOTAL LENGTH OF ROAD.	=	1.400 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	1.400 Km	
TOTAL COST OF CONSTRUCTION.	=	Rs. 65.348 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 46.677 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 11.781 Lacs	
(EMERJENT@15% ,CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 14.076 Lacs	
TOTAL PROJECT COST	=	Rs. 91.204 Lacs	
YEAR (2024 - 2025)			

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

Prepared By:
A.K. ENGINEERING SERVICES.
Darna Road, Mahunwan
Hamzapur, Sherghati-824211
MOB: +91 7739181616
E-MAIL: akengineering120@gmail.com

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Mohanpur के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L047-L022 to BHAGWANPUR (VR26)

के नवीनीकरण/उन्नयन/पुननिर्माण किये जाने हेतु तैयार किये गये

प्राक्कलन में कृत प्रावधान स्थल के अनुरूप है जिसमे 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:-

प्रमाण- पत्र

यह प्रमाणित किया जाता है की जिला:- Gaya.

प्रमंडल Sherghati प्रखंड:- Mohanpur के अधीन

ग्रामीण सड़क सुदृढीकरण एवं प्रबंधन कार्यक्रम अंतर्गत पथ L047-L022 to BHAGWANPUR (VR26)

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एवं Traffic की गणना के आधार पर BM (यदि लागू हो) का प्रावधान 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:- 1.400 KM

Name Of Road:- L047-L022 To BHAGWANPUR (VR26)

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 39.924 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 14.410 Lacs
	TOTAL ESTIMATED COST (1+2)	: 54.334 Lacs
	Labour Cess @1%	: 0.543 Lacs
	Add Seigniorage Fee @10%	: 0.502 Lacs
	Sub Total	: 55.380 Lacs
	GST @18%	: 9.968 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 65.348 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 9.780 Lacs
	Labour Cess @1%	: 0.098 Lacs
	Add Seigniorage Fee @10% .	: 0.106 Lacs
	Sub Total	: 9.984 Lacs
	GST @18%	: 1.797 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 11.781 Lacs
C	SUB TOTAL COST (A+B)	: 77.128 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 11.569 Lacs
E	Contingency @ 1% OF "C"	: 0.771 Lacs
F	Administrative Cost @ 2.25% OF "C"	: 1.735 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 91.204 Lacs


Junior Engineer


Asstt. Engineer


Executive Engineer

SE
RWD
Superintending Engineer
Rural Works Department
Works Circle, Gaya

ENGINEERING SERVICES

Total Construction Cost: → 65.398 Lacs

Minor Improvement
Initial Rectification
5th Year Periodic Renewal

Total Maintenance Cost → 11.781 Lacs
(1st, 2nd, 3rd, 4th, 6th & 7th):

Other Cost:

Emergent Cost → 11.569 Lacs

Contingency Cost → 0.771 Lacs

Administrative Cost → 1.735 Lacs

Total: 91.204 Lacs

T.A. No.dt.....

Ref. SE let.dt.....

Technically Approved for Rs. 91.204 Lacs.

(Rupees. Ninety one Lacs. twenty thousands
four hundred:) Only

for construction work & 5 Years Maintenance

Payal
9/11/25.

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

[Signature]
C.E. 11/11/25

CLASSIFIED TRAFFIC VOLUME COUNT SURVEY

Road Name : L047-L022 To BHAGWANPUR (VR26)										Road No : 1									
Section From :		Up	↑	L047-L022		To		L047-L022		Station No : 1									
		Down	↓	BHAGWANPUR (VR26)		To		BHAGWANPUR (VR26)											
Location Km :		1.400 Km								15 - 12 - 2024									
										24 Hours									
TIME		FAST MOVING VEHICLES										SLOW MOVING VEHICLES						Peak Hour PCU	
		Two Wheeler	Three Wheeler Auto Rickshaw	Car/Jeeep/ Van/ Taxi	Bus		LCV	TRUCK		Agei. Tractor		Cycle Rickshaw	Cycle	Animal Drawn		Hourly PCU			
Loaded	Un loaded				Loaded	Un loaded		With Trailer	Without Trailer	Bullock Cart	Num. Tyred								
6.00 AM - 12.00 PM		12	1	12	1	0	12	2	2	10	5	21	0	0	0	115			
12.00 PM - 6.00 PM		10	0	10	0	0	10	5	0	14	9	12	0	0	0	128			
6.00 PM - 6.00 AM		15	0	5	2	0	5	3	0	10	6	14	0	0	0	96			
Total		37	1	27	3	0	27	10	2	34	20	47	0						
PCU FACTOR		0.5	1	1	3	3	1.5	3	3	4.5	1.5	0.5	2	4	4	339			
Total PCU		18.5	1	27	9	0	40.5	30	6	153	30	23.5	0	0	0				