

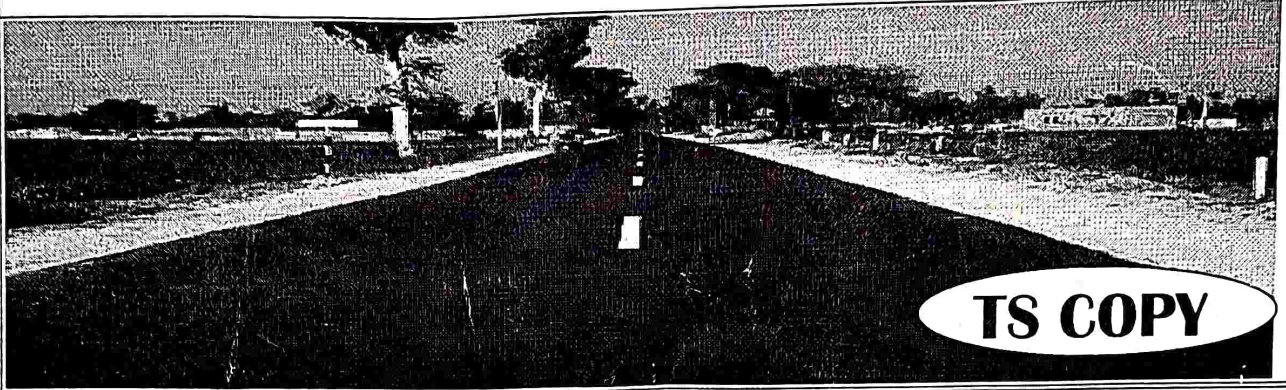


ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar



Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)



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DETAILED PROJECT REPORT

STATE :-	Bihar	DISTRICT :-	Begusarai
DIVISION :-	Teghra	BLOCK :-	Bhagwanpur
NAME OF ROAD :-	L034-Kabiya Dhala To House of Manori Saw		
TOTAL LENGTH OF ROAD	=	0.810 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	0.810 Km	
TOTAL COST OF CONSTRUCTION	=	Rs. 37.430 Lacs	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 46.209 Lacs	
TOTAL COST OF 6 YEAR OPERATION & MANAGEMENT (O&M).	=	Rs. 3.940 Lacs	
(CONTINGENCY @1% & ADMINISTRATIVE COST @2.25%)	=	Rs. 1.345 Lacs	
TOTAL PROJECT COST	=	Rs. 42.715 Lacs	
YEAR (2024 - 2025)			

Submitted By :-
Executive Engineer
RWD (w) Division, Teghra
Begusarai

Prepared By:
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Mukhya Mantri Gram Sadak Unnayan Yojana (MMGSUY)

GENERAL ABSTRACT OF COST

Block:--/ Bhagwanpur

District:- Begusarai

Construction Length Of Road:- 0.810 KM

Name Of Road:-- L034-Kabiya Dhala To House of Manori Saw

SL. No.	Item of Work	Amount
1	INITIAL RECTIFICATION WORKS .	: 29.772 Lacs
2	5TH YEAR PERIODIC RENEWAL COST .	: 1.206 Lacs
	TOTAL ESTIMATED COST (1+2)	: 30.978 Lacs
	Labour Cess @1%	: 0.310 Lacs
	Add Seigniorage Fee @10%	: 0.433 Lacs
	Sub Total	: 31.720 Lacs
	GST @18%	: 5.710 Lacs
A	TOTAL CONSTRUCTION COST (INC GST, LC @ SEIGN. FEE) SAY "A"	: 37.430 Lacs
3	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	: 3.278 Lacs
	Labour Cess @1%	: 0.033 Lacs
	Add Seigniorage Fee @10%.	: 0.029 Lacs
	Sub Total	: 3.339 Lacs
	GST @18%	: 0.601 Lacs
B	TOTAL OPERATION & MANAGEMENT COST (INC GST, LC @ SEIGN. FEE) SAY "B"	: 3.940 Lacs
C	SUB TOTAL COST (A+B)	: 41.370 Lacs
D	EMERGENT & PRICE ADJUSTMENT COST @ 15% OF "C"	: 0.000 Lacs
E	Contingency @ 1% OF "C"	: 0.414 Laes
F	Administrative Cost @ 2.25% OF "C"	: 0.931 Lacs
G	TOTAL PROJECT COST (C+D+E+F)	: 42.715 Lacs


3-3-2025
Junior Engineer

Asstt. Engineer


Executive Engineer

SE
RWD

AA = 46.267 Lakh, Length = 0.810, Vide Letter No. 365, Date - 14-2-2025

For T.S

Const. Cost = 37.430 Lakh

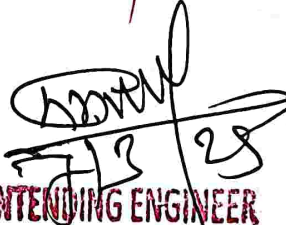
6 year maint. Cost = 3.940 Lakh

Admin. Cost = 0.931 Lakh

Contingency = 0.414 Lakh

Totally 42.715 Lakh

Technically Sanctioned for Rs 42.715 Lakh (forty two Lakh seventy one thousand five hundred) only.


SUPERINTENDING ENGINEER
RURAL WORK DEPARTMENT
WORKS CIRCLE-BEGUSARAJ


07.03.25

GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD

LINK ROUTE No. -
NAME OF ROAD : L034-Kabiya Dhala To House of Manori Saw
DISTRICT Begusarai
BLOCK Bhagwanpur
DIVISION Teghra
CONST. LENGTH OF ROAD (KM) 0.810
LENGTH OF BT PAVEMENT (M) 0
LENGTH OF CC PAVEMENT (M) 810
CD STRUCTURES
HUME PIPE 0
RCC SLAB CULVERT 0
BOX CELL CULVERT 0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
PART-I	INITIAL RECTIFICATION WORKS.	
1	PREPARATORY WORKS ,SITE CLEARANCE , DISMANTLING	0.119
2	EARTHWORK	0.514
3	GSB GR-II	0.000
4	WBM GRADE III	0.000
5	WMM GRADE III	0.000
6	PRIME COAT	0.000
7	PATCH WORK USING MSS	0.000
8	TACK COAT	0.000
9	BM	0.000
10	SDBC	0.000
11	Edging with 1st Class Bricks, Lald Dry Length wise.	0.000
12	Cement Concrete Pavement (PQC)	27.211
13	Interlocking Concrete Block Pavement	0.000
14	DRAIN	0.000
15	PROTECTION WORK	0.000
16	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, MAINTENANCE BOARD,ROAD SAFETY &PLANTATION OF TREES.	1.851
17	CROSS DRAINAGE STRUCTURES	
	HUME PIPE	0.000
	RCC	0.000
	BOX	0.000
	IRRIGATION PIPE (300 MM DIA)	0.077
	DISMANTLING OF CD	0.000
	REPAIR OF CD WORK	0.000
	SUB TOTAL OF INTIAL RECTIFICATION WORKS =	29.772
PART-II	5TH YEAR PERIODIC RENEWAL COST .	1.206
	TOTAL ESTIMATED COST (PART-I+PART-II)	30.978
PART-III	SIX YEARS OPERATION & MANAGEMENT (O&M) COSTS AFTER COMPLETION OF CONSTRUCTION .	
	I st Year	0.626
	II nd Year	0.652
	III rd Year	0.634
	IV th Year	0.634
	VI th Year	0.366
	VII th Year	0.366
	SUB TOTAL OF =SIX YEARS OPERATION & MANAGEMENT (O&M)	3.278
	TOTAL COST (without GST, LC and SF) (PART-I+PART-II+PART-III)(IN LACS) =	34.256

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Sl. No.	SDB SL NO	MORD Ref.No	Description	Unit	NOS	LENGTH	WIDTH	HEIGHT	QUANTITY	RATE	AMOUNT (In Rs.)
			SUB HEAD : CC PAVEMENT								
3	6.4	1500	Cement Concrete Pavement (PQC) Construction of un-reinforced, plain cement concrete pavement (M35 Grade) over a prepared sub base with 43 grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form paver, spread, compacted and finished in a continuous operation including provision of 0.5 x 0.5 panel, joint filler, separation membrane, sealant primer, joint sealant, debonding strip as approved, curing compound, finishing to lines and grades as per drawing.								
			OVERLAY OVER EX. PCC M(3.75 M)	Cum	1.00	810.00	3.75	0.125	379.69		
			In Profile & Pot Repair	Cum	3%	810.00	3.75	0.125	11.39		
			Add For Extra Widening On Curve	Cum	2%				7.594		
			Net Qty						398.67	6,825.41	2,721,117.00
											27,21,117.00
			SUB HEAD : ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN ,MMGSV/LOGO								
4	10.1	1700	Kilometre stone Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and technical specification clause 1703.								
			i) 5th km stone	No.	0					4,963.84	0.00
			ii) Km stone	No.	2					2,700.86	5,402.00
			iii) 200 m stone	No.	3					753.46	2,260.00
5	10.9	1700	Direction And Place Identification Signs With Size More Than 0.9 Sqm Size Board Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical Specification Clause 1701.								
				Sqm	2	1.20	0.80		1.92	13,550.17	26,016.33
6	10.2	1700 300	Retro-reflectorised Traffic Signs Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801								
		i)	600 mm equilateral & triangle	Nos		1.00				4,058.42	4,058.42
		ii)	600 mm circular	Nos		0.00				4,006.43	0.00
		iii)	600 mm x 450 mm rectangular	Nos		1.00				3,871.67	3,871.67
		iv)	900 mm side octagon	Nos		0.00				8,038.61	0.00
7	10.1	1700	Boundary Pillar/Guard Post Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704								
				Nos	2					660.18	1,320.36
11	10.8	1700	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface								

