

“Construction of Four Laning of Ujjain Garoth (Package III), Suhagada to Bardiya Amra from Km 89+236 to Km 135+351 section of NH-752D in the state of MP on HAM Mode (Package-III)”

NATIONAL HIGHWAYS AUTHORITY OF INDIA

Independent Engineer:

**M/S L.N. MALVIYA INFRA PROJECT PVT.LTD
IN ASSOCIATION WITH M/S INFRATECH CIVIL SOLUTIONS CONSULTANT.**



Concessionaire: -



M/S MKC Ujjain-Garoth Mahakaleshwar Highway Pvt. Ltd

MONTHLY MAINTENANCE REPORT

AUGUST-2024

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1 SALIENT FEATURES

Project Name	Independent Engineer Services for Four Lanning of Ujjain – Garoth (Package - III) Suhagadi to Bardiya from Km. 89+236 to 135.351 section of NH-148 NG in state of Madhya Pradesh on Hybrid Annuity Mode.
NH No.(New/Old)	NH- 148NG (Old)/ 752D (New)
Mode of Execution	HAM
No. of Lanes/ Configuration	4 Lane with paved shoulder
Length of the project	46.115 Km
Contract Price	598.00 Crore (Excluding GST)
No. of Major Bridges	02 Nos. (Ch.130+817 & Ch. 113+818)
No. of ROB	01 Nos. (CH- 127+197)
No. of Toll Plazas	03 Nos (01 Nos Main Toll Plaza at Ch. 113+100 & 02 Nos Ramp Toll Plaza At Ch. 95+058 & Ch. 134+119)
DPR Consultant name	MSV International
Concessionaire Name	MKC Ujjain Garoth Mahakaleshwar Highways Private Limited
Date of Award (LOA Date)	07.03.2022
Appointed Date	17.10.2022
Concession Period	610 days (Construction Period) + 15 years O&M Period from COD.
O&M Period	15 Years from COD
Scheduled Date of Completion	610 Days from Appointed Date (18.06.2024)
PCOD	17.07.2024
Independent Engineer	L. N. Malviya Infra Projects Pvt. Ltd. In association with Intratech Civil Solution & Consultant

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2 EXECUTIVE SUMMARY

Thus, the construction package for the project developing the four-lane configuration from Km. 89.236 to 135.351 section of NH-148 NG in state of Madhya Pradesh. The total length of the package is 46.115 Km. the Project lies in the Jhalawar District of Rajasthan & Mandsaur Districts of Madhya Pradesh.

M/S MKC Infrastructure Limited has promoted and incorporated M/s Ujjain Garoth Mahakaleshwar Highway Pvt. Ltd., a limited liability company as the Concessionaire to undertake and perform the obligations and exercise the rights of the selected bidder under the LOA for executing the project. The Concession Agreement (CA) between the Concessionaire and NHA I was signed on 20.04.2022.

The Concessionaire has appointed M/S MKC Infrastructure Limited as Engineering, Procurement and Construction (CONCESSIONAIRE) Contract and the appointed date is 17th Oct. 2022.

NHAI has mobilized Independent Engineer (IE) M/s L. N. Malviya Infra Projects Pvt. Ltd. to review drawings and documents and to review, inspect and monitor on their behalf all activities associated with Operation & Maintenance and Diversion of the Project. The commencement date is 29.09.2022.

NHAI has appointed M/s Techmodec Consultants Pvt. Ltd. as Safety Consultant for the Project.

The concession period is 610 days (Construction Period) + 15 Years O&M Period from COD. The estimated cost of the project is INR 598.00 Cr.

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3 PROJECT LOCATION MAP



Location Map of Project

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SCOPE OF THE MAINTENANCE WORK

3.1 OTHER MAJOR OBLIGATIONS

Safety, Vehicle Breakdowns and Accidents [CI: 14.4]

1. Ensuring safe conditions for the Users, and in the event of unsafe conditions, lane closures, diversions, vehicle breakdowns and accidents, it will follow the relevant operating procedures for removal of obstruction and debris without delay.
2. The Contractor shall maintain and operate a round-the-clock vehicle rescue post with 1 [one] mobile crane.

3.2 LANE CLOSURE [CI: 14.5]

1. The Contractor will not close any lane of the Project Highway for undertaking maintenance works except with the prior written approval of the Authority's Engineer.
2. Upon receiving the permission, the Contractor shall be entitled to close the designated lane for the period specified therein, and in the event of any delay in re-opening such lane, the Contractor shall pay delay damages accordingly.

3.3 MAINTENANCE OF PROJECT FACILITIES

A. Functioning of project facilities

- Maintenance Center: 110+863
- Functioning of lighting system: - All Lighting systems are functioning properly.
- Functioning of patrolling system: - Patrolling vehicles are regularly monitoring the Project Corridor.
- Functioning of rescue and medical services: All are Operational.
 - a) Ambulance: - Operational
 - b) Tow away crane: - In operation and functioning.

B. Preventive Measures are taken regularly by the maintenance team.

Under this the following things are done:

- i. Median plantation:** Median Plantation work is good condition. Regular watering & Maintenance is done on regular basis.
- ii. Debris on the ROW:** The debris will be removed by the Contractor during the regular maintenance.

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MAINTENANCE REQUIREMENTS

5.5 DAILY INSPECTION BY THE CONTRACTOR

Sl. No.	Object & Item	Daily Inspection Report for the Month August-2024														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Riding Surface															
	Pavement	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
2	Median															
	Kerb	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
3	Side Slopes															
	Shape	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
4	Guard Rails															
	Shoulders	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
5	Traffic Operation Facilities															
	Signage's	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
	Road Marking	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
	Delineator	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
	Lighting	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
6	Other Conditions															
	Vegetation/ Landscaping	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
8	Traffic Conditions	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
8	Encroachments	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N

Sl. No.	Object & Item	Daily Inspection Report for the Month August-2024															
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	Riding Surface																
	Pavement	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
2	Median																
	Kerb	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
3	Side Slopes																
	Shape	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
4	Guard Rails																
	Shoulders	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
5	Traffic Operation Facilities																
	Signage's	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
	Road Marking	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
	Delineator	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
	Lighting	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
6	Other Conditions																
	Vegetation/ Landscaping	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
8	Traffic Conditions	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
8	Encroachments	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	

G Good

N NIL

F Fair

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MONTHLY INSPECTION REPORT (CIVIL)					A
MONTH: AUGUST-2024					
CHAINAGE: Km: 89+236 to 135+351					
Description	Comment	Condition			Remark
		Poor	Fair	Good	
VISUAL INSPECTION					
Side Slope	Ok			√	
Turfing	Ok			√	
Pitching / Masonry	Ok			√	
Pavement	Ok			√	
Rut	Ok			√	
Cracks	Ok			√	
Shoving	Ok			√	
Bleeding/Raveling	Ok			√	
Edge Deformation	Ok			√	
Depression	Ok			√	
Roughness	Ok			√	
Median	Ok			√	
Damaged/Crack	Ok			√	
Side Slope	Ok			√	
Turfing / Seeding /Shape	Ok			√	

Month- AUGUST-2024					B
Chainage No : 89+236 to 135+351					
Description	Comment	Condition			Remark
		Poor	Fair	Good	
Other Facilities					
Unwanted Vegetation	Being removed regularly			√	
Missing / Damaged Plantation	Nil			√	
Damaged / Missing Tree guard	Nil				
Damaged /Missing Utilities	Nil			√	
Traffic Operation Facilities					
Damaged/Missing Signs/Studs	Nil			√	
Faded Sign Painting	Nil			√	
Dirty Sign Face	Nil			√	
Damaged Gantry Sign	Nil				
Damaged/Missing Temporary Sign	Nil			√	

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Site Inspection/Observation details:-

<u>Sl. No</u>	<u>Outgoing Letter details</u>

Monthly Inspection Report (Traffic)					
Month: AUGUST-2024					
Description	Comment	Condition			Remark
		Poor	Fair	Good	
Traffic Operating Facilities	Nil			√	
Faded marking	Nil			√	
Damage/Missing Delineator	Nil			√	
Traffic Condition	Normal			√	
Traffic flow	Smooth			√	
Stalled vehicle	Nil			√	
Accident Prone Area	Traffic Aid and Medical Aid posts are operational round the clock			√	
Encroachment					
Illegal settlement	Nil			√	
Damage/Missing Highway Property	Nil			√	
Illegal Construction	Nil			√	
Public Complaints	Nil			√	
Environmental watch	Normal			√	
Service road	Nil			√	
Encroachment road	Nil			√	

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5.6 DAILY PROGRESS REPORT MONTH OF AUGUST-2024

Nil

6 MONTHLY REPORTS

6.1 ACCIDENT ABSTRACT REPORT

S. No	Month	No of Accidents	No. of Affected Persons			Remarks
			Minor Injury	Serious Injury	Fatal	
1	August-2024	-	-	-	-	-

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6.2 MONTHLY REPORT – UNUSUAL OCCURRENCES

Sr No	Date/Time	Description of Unusual Occurrence	Location (Chainage)	Side	Impact on the Project Highway	Action Taken by Contractor	Nature of Injury			Damage to Assets Y / N	Photo taken Y / N	FIR Lodged Y / N	Remarks
							MINOR	MAJOR	FATAL				
1.	-	-	-		-	-	0	0	0	N	N	N	
2	-	-	-		-	-	0	0	0	N	N	N	
3	-	-	-		-	-	0	0	0	N	N	N	

6.3 ACCIDENT DATA

MONTH AUGUST-2024																	
Sl. No	Date	Chainage No./Side	Time of Accident	Sex Male / Female	A	B	C	D	E	F	G	H	K	No of Affected Persons			Help Provided by Ambulance / Petrol Vehicle /Crane
					Accident Location	Nature of Accident	Classification of Accident	Causes	Load Condition of Vehicle	Road Condition	Intersection type of	Weather Condition	Type of Vehicle	Fatal	Major	Minor	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- A. Urban / Rural and Details of Surrounding Land use.
- B. 1-Overturning, 2-Head On collision, 3-Rear End Collision & collision Brush / Side Wipe, 5-Right Turn Collision,6-Skidding, 9-Right Turn Collision, 9- Hit to fix Object, 9-Others (PI. Specific)
- C. 1 Fatal, 2-Major Injury, 3 Minor Injured, 4-Non-Injury.
- D. 1 Drunken, 2-Over speeding. 3-Vehicle out of control 4 Fault of driver of motor vehicle/driver of other vehicle / Cyclist / pedestrian / passenger 5-Defects in Mechanical condition of motor vehicle / road Condition.
- E. 1-Single Lane, 2-Two lanes, 3-Three lanes or more without central divider (median), 4-Four lanes or more with central divider.
- F. 1-Straight Road, 2-Slight Curve, 3-Sharp Curve, 4-Flat Road, 5 Gentle Incline, 6. Hump, 9-Dip.
- G. 1-Fine, 2-Mist/Fog, 3-Cloudy, 4-Light Rain, 5-Heavy Rain, 9-Snow, 9-Strong Wind, 9-Dust –Storm, 10-Very Hot,12-Very Cold, 12-Other Extraordinary weather condition
- H. Urban / Rural and Details of Surrounding Land use.

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6.8 EMERGENCY SERVICES DETAILS

A. Major Hospital & Ambulance Services		
Sr. No.	Description	Contact No
1	Govt. Hospital Suwasara	8458955067
2	Govt. Hospital Shamgarh	-
3	Govt. Hospital Mandsaur	7422221406
B. Police Stations		
Sr. No.	Description	Contact No
1	Suwasara	7426220028
2	Gangdhar	7435284234
C. Fire Stations		
Sr. No.	Description	Contact No
1	Suwasara	101
2	Gangdhar	101
D. Emergency Contact Person		
Sr. No.	Description	Contact No
1	Route Patrolling Vehicle	(Anil Rana) 99772 22689
2	Toll Plaza Semlishankar	
3	Crane, Semlishankar and Dek	(Anil Trailer) 9993 69834
4	Route Patrolling Vehicle, Semlishankar and Dek	
5	Toll Plaza, Sememlishankar	
6	Mr. Vishwajeet Singh (Safety Officer)	9752023491
7	Mr. Lalta Prashad (Project Manager)	8923988915
8	Mr. K. Sahau (Manager Toll)	8280250862

7 DEPLOYMENT OF RESOURCES (CL: 14.3.1(c))

7.1 MACHINERY FOR MAINTENANCE

Sl. No	Equipment	Unit	Qty.
1	Recovery Crane	No's	1
2	Water tankers	No's	3
3	Ambulance	No's	1
4	Root Patrolling Vehicle (RPV)	No's	1
5	Welding Set with Gas Cutter	No's	1
6	Supervision vehicle	No's	1
7	Eco mate	No's	1

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7.2 MAINTENANCE TEAM

Sr. No.	Description	Contact No
1.	Mr. Vishwajeet Singh (Safety Officer)	9752023491
2.	Toll Plaza, Sememlishankar	
3.	Mr. Lalta Prashad (Project Manager)	8923988915
4.	Route Patrolling Vehicle	(Anil Rana) 99772 22689
5.	Toll Plaza Semlishankar	
6.	Crane, Semlishankar and Dek	(Anil Trailer) 9993 69834
7.	Route Patrolling Vehicle, Semlishankar and Dek	
8.	Mr. K. Sahau (Manager Toll)	8280250862

Organizational Chart

8. STATUS OF SUBMISSION OF MMR'S

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9. MONTHLY MAINTENANCE PHOTOGRAPHS

No Maintenance required in this month