

Success Story

1. Title - CONSTRUCTION OF MINOR BRIDGE ON ASARALI SOMNOOR ROAD VR-109 IN KM 0/400 IN SIRONCHA DIST. GADCHIROLI

Transformation of Rural Connectivity through CONSTRUCTION OF MINOR BRIDGE ON ASARALI SOMNOOR ROAD VR-109 IN KM 0/400 IN SIRONCHA DIST. GADCHIROLI

2. Background / Problem Statement :-

Before the implementation of the project, the project area faced significant infrastructure challenges that adversely affected daily life and economic activities.

Flow near Asarali Village Basin of River is larger and discharge through is very high in Mansoon. Before the Construction of Bridge on Asarali river Public are travelling through small KT Weir over River under normal Discharge of Water KT Weir goes completely under the water due to that transportation through KT Weir was stop or very difficult to go from one village to other village.

In this route the main market As the major APMC. market is at Ankisha. which is 10 km away from this route. The traffic of agricultural produces &

As per Core network NABARD RIDF-XXIII comprising of village roads are identified an rural road connecting via this minor bridge.

Key issues identified

- Poor and damaged road conditions.
- Difficult to Cross the Near river from Village to Village.
- Risk of life in Monsoon Season.
- Restricted access to Healthcare facilities.
- Frequent disruption during monsoon season.

Due to the all issues local farmer and villager, student is severely impacted.

The project was necessary to improve mobility, ensure inclusive development, and strengthen regional connectivity and reduce the risk of life.

3. Project Overview :-

CONSTRUCTION OF MINOR BRIDGE ON ASARALI SOMNOOR
ROAD VR-109 IN KM 0/400 IN SIRONCHA DIST. GADCHIROLI

- Location - ASARALI SOMNOOR ROAD
- Implementing Agency – Public Works Department
- Project Cost - ₹ 159.52 Lakhs
- Time Period – 12.0 Months
- Funding Source – State Government NABARD Loan Assistance.
- Bridge Length – 40 m

4 .Challenges Faced :-

During the execution of project encountered some challenges:

- During the Rainy Season due to large basin of River near Asarali Somanoor Road River Flood on its Full Capacity.
- Coordination with multiple department for utility shifting.
- Some encroachment by farmer in river bed on construction site.

5. Innovative Solutions / Action Taken :-

To address these challenges, the following measure was taken:-

- Use the latest Bridge and road Construction methodology for execution.
- Concrete Pumps, High Capacity Cranes in multiple numbers are used.
- By taking the local people into Confidence, they understood the importance of the work and speeded up the work.
- Adoption of cost effective and durable Standard brand of material as specified in SSR materials
- Adequate road safety measure are taken like sign board, pitching, thermoplastic paint, reflective board.

6. Implementation Process:-

- Planning: Detailed site surveys with approval from competent authority and realistic project scheduling.
- Execution: Mechanized construction with strict timeline
- Monitoring: Regular site inspection and Progressive Review.
- Quality Control: Material testing and Compliance with standards.

7. Result & Impact :-

The Project delivered measurable and visible outcomes.

- Travel time reduced by 50%
- Improved Connectivity of two villages asarali somanoor
- Reduce the risk of life.
- Enhanced access to school, hospital and market
- Increase the local trade and economical activities.
- Improve safety and riding comfort.

8. Beneficiary Feedback / Human Angle :-

Easy access to local market and Sugarcane Industries. Its reduce the unnecessary travel distance; this road changed our daily life.

9. Conclusion:

The Asarali Somanoor Bridge Construction with Approach Road.

Development Project stands as a successful example of effective infrastructure development. It has long term benefits by improving connectivity promoting economic growth and enhancing public satisfaction. The project model is scalable and can be replicated in other rural and semi urban areas. Before Construction After Completion Photograph

Before Construction Photographs



After Construction Photographs



Latitude: 18.728408
Longitude: 80.193035
Elevation: 130.47±4 m
Accuracy: 3.9 m
Azimuth: 264° (W)
Pitch: -13.0°
Time: 07-05-2024 14:44
Note: VR109 Asarali NABARD-Bridge



