

## **-: Success Story :-**

**1. Title** - Construction of Bridge on Vithalapur Khawaspur Umbergaon road ODR 93 at KM 0/500 near Khawaspur Tal Sangola Dist Solapur (Nabard 28).

### **2. Background / Problem Statement:-**

Prior to the execution of this project, the region surrounding Khawaspur village faced significant infrastructural challenges, primarily due to the absence of a safe and reliable bridge across the Man River. The river, characterized by a large catchment area, experiences heavy discharge during the monsoon season owing to releases from the Rajewadi Dam. These conditions adversely affected daily commuting, economic activities, and access to essential services.

#### **Key Issues Identified:**

- Deteriorated and inadequate road infrastructure
- Difficulty in crossing the river, especially during monsoon
- High risk to life due to flooding and unsafe crossings
- Restricted access to sugar factories, areas, healthcare facilities, and markets
- Regular disruption of transportation affecting farmers, students, and local residents

The situation necessitated the construction of a permanent, high-level bridge to ensure safe, reliable, and all-weather connectivity, thereby fostering inclusive regional development.

### **3. Project Overview :-**

Construction of Bridge on Vithalapur Khawaspur Umbergaon road ODR 93 at KM 0/500 near Khawaspur Tal Sangola Dist Solapur (Nabard 28).

- Location Man River near Khawaspur Village, Tal. Sangola and Dist. Solapur
- Implementing Agency - Public Works Department
- Project Cost - Rs. 10.79 Crore
- Time Period - 12 Months
- Funding Source State Government NABARD Loan Assistance
- Bridge Length 165.00 m. (11 Span of 15.00 m.)
- Bridge Carriageway Width - 7.50 m
- Low Level Major Bridge
- Open Foundation for Pier and Pile foundation for Abutment, Pier Cap, Pile Cap, Inspection Gallery, Girder, Slab, Kerb, wearing Coat, Railing, Cement Concrete Approach road. Expansion joint, Crash Barrier, Thermoplastic Paint, Specially Bridge painting Etc.

#### **4. Challenges Faced :-**

During the execution of project encountered some challenges:

- Construction activities were significantly affected during the monsoon due to high river discharge.
- Coordination was required among multiple departments for shifting and protection of utilities.
- Encroachments within the riverbed posed challenges during execution.
- Maintaining construction timelines under adverse weather conditions required

Meticulous planning.

#### **5. Innovative Solutions / Action Taken:-**

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

- Adoption of advanced bridge construction technologies and modern execution methodologies.
- Deployment of high-capacity cranes and concrete pumps to accelerate construction.
- Continuous engagement with local communities to build trust and ensure cooperation.
- Use of high-quality, durable materials strictly in accordance with Standard Schedule of Rates (SSR).
- Implementation of comprehensive road safety measures, including signage, reflective boards, thermoplastic road markings, and protective pitching.

#### **6. Implementation Process:-**

- Planning: Detailed site investigations, technical approvals, and structured scheduling.
- Execution: Mechanized construction with strict adherence to approved timelines.
- Monitoring: Regular inspections and progress reviews to ensure quality and efficiency.
- Quality Control: Systematic testing of materials and compliance with prescribed standards.

## **7. Result & Impact :-**

The project has delivered substantial and measurable benefits:

- Reduction in travel time by approximately 70%
- Improved connectivity between Khawaspur, Vithalapur, Kauthali, and surrounding villages

- Enhanced safety and uninterrupted access during monsoon seasons
- Improved access to educational institutions, healthcare facilities, markets, and industrial areas
- Strengthened local economy through improved transportation and trade
- Enhanced overall riding comfort and road safety

## **8. Beneficiary Feedback/Human Angle:**

“The newly constructed bridge has significantly improved our daily lives. Access to SH 151 and nearby sugar factories has become smooth and reliable. The reduction in travel distance and risk has brought tremendous relief to our community.”.

## **9. Conclusion:**

The construction of the Major Bridge across the Man River at Khawaspur stands as a noteworthy example of effective infrastructure development. The project has successfully addressed long-standing connectivity challenges, enhanced public safety, and contributed to sustainable socio-economic growth. Its successful execution demonstrates a replicable model for rural and semi-urban infrastructure development across the region.







स्वच्छतेतून समृद्धीकडे...

स्थापना : १९४२



## ग्रामपंचायत खवासपूर

ता. सांगोला जि. सोलापूर



च. गणेश वसंत दिक्षित  
लोकनियुक्त सरपंच

श्री. नामदेव हणमंत यादव  
उपसरपंच

श्री. मेटकरी. एस. एन  
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घरोघरी वैयोकेक शोचालय ( संडास ) बोंधा व गाव हागणदारीमुक्त करा. ग्रा. पं ची घरपट्टी व पाणीपट्टी भरून गावचा विकास करा बालविवाह टाळा. पाणी जपून वापरा साथीच्या काळजात व पावसाळ्यात पाणी उत्तरावर पिणे आरोग्यास हितकारक. बृक्ष लागवड करा. कुरुंब नियोजन करा. जन्म मृत्यूची नोंद २१ दिवसाच्या अवृत्त प्रतीक काले वापर करा. आपला परिसर स्वच्छ ठेवा.

जा.क्र ४९/२०२५-२६

दिनांक १६/१६/२०२५

प्रति,  
मा. कार्यकारी अभियंता सो  
सार्वजनिक बांधकाम विभाग, पंढरपूर



विषय - नाबाड २८ सोलापूर जिल्ह्यातील तालुक्यातील विठ्ठलापूर उंबरगाव रस्ता इ.जि.मा.९३ वर किमी ०/५०० मध्ये खवासपूर गावाजवळ (मानगंगा नदीवर) पूल बांधलेबाबत...

### महोदय

उपरोक्त विषयान्वये आपले विभागाकडून नाबाड २८ मध्ये मधून मौजे खवासपूर येथे नाबाड २८ मधून सोलापूर जिल्ह्यातील तालुक्यातील विठ्ठलापूर - खवासपूर - उंबरगाव रस्ता इ.जि.मा.९३ वर किमी ०/५०० मध्ये खवासपूर गावाजवळ (मानगंगा नदीवर) पुलाचे बांधकाम झालेले आहे. त्यामुळे त्या परिसरातील शेतकरी, विद्यार्थी व शेतीपुरक व्यावसायिक यांना फार मोठी सोय झालेली आहे. या पुलामुळे पंचक्रोशीतील लोकांची दलणवळणाची गैरसोय दूर झाली. गावाच्या विकासामध्ये भर पडली व लोकांचा अमूल्य वेळ वाचला. त्याबाबत ग्रामपंचायत खवासपूर नाबाड बैंकेस व आपणास धन्यवाद देत आहोत.

आपले विश्वासू

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सरपंच  
ग्रामपंचायत खवासपूर  
ता. सांगोला जि. सोलापूर



ગ્રી સોમનાથ વાળુ ઓસલે  
રા. વિજાસપુર તો સાંગળા  
દિ - 17-6-2025

કૃતિ

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