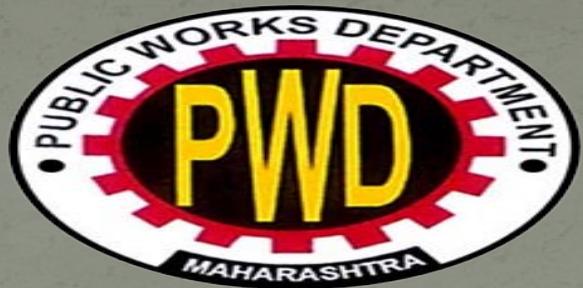


NABARD SUCCCES STORY



Public Work Region Amravati

Public Work Circle Akola

Public Work Division, Washim

Public Work SubDivision, Manora

**Name Of Work-Construction of Major bridge on Amgavhan to Kondoli- Bhoini Fata ODR-70
at Ch.2/500 On Arunavati River near Kondoli Village
Tq.Manora, Dist. Washim. (Under NABARD-28)**

- **Brief Overview-** As per 2001 - 2021 road development Plan, this road is of ODR standard with nomenclature as ODR-70. The Arunavati River is crossing the said road near village Kondoli in km 2/500. The Road Amghavan to kondoli Bhoini Fata Road ODR-70 is Important link to the villages Kondoli, Asola, Hiwara to reach NH-161A and also to reach Manora city to get medical, educational, market facilities. The existing Bridge @ 2/500 has been damaged as two spans of existing bridge has been washed away due to high flood. RCW has been constructed for flow of traffic. At Present there is a Raised CauseWay having 12Rows of 1200mm Diameter Pipes across River. During rainy season it is inconvenient to the villagers. Therefore, it is very necessary to construct new high level submersible major bridge to communicate 12 months traffic. Hence the New bridge is proposed under Nabard-28 scheme.

Key Provision And Feature Of Bridge-

- 1. At the Proposed bridge site bed width is 55.0 m and bank width is 68.0 m. At this location, the bridge crossing is in 0 0 Degree Skew.
- 2. 6 Spans of 10.0m c/c with total length of bridge 60.0m.(RCC Solid Slab as Superstructure) having Raft foundation is proposed. But During Site visit dtd. 14/05/2023, Meandering of river was observed.
- Hence RCC Circular Pier are proposed.
- 3. Abutment left is proposed @ Ch. 25 m.(Kondoli side) & Abutment Right is proposed @ ch. 35 m.(Amgavhan side).
- 4. The R.T.L. calculation for the High Level Submersible bridge at proposed bridge site is as shown below:-



GPS Map Camera

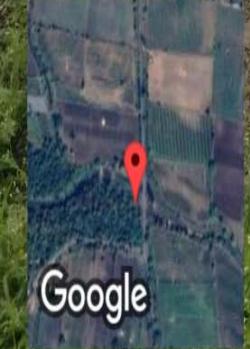
Nandgaon, Maharashtra, India

Shivani, Shop No 2, Nandgaon, Maharashtra 444409, India

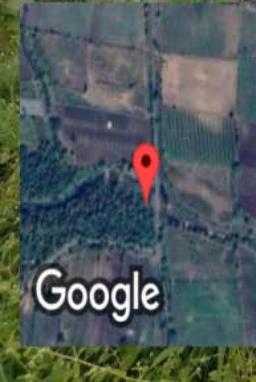
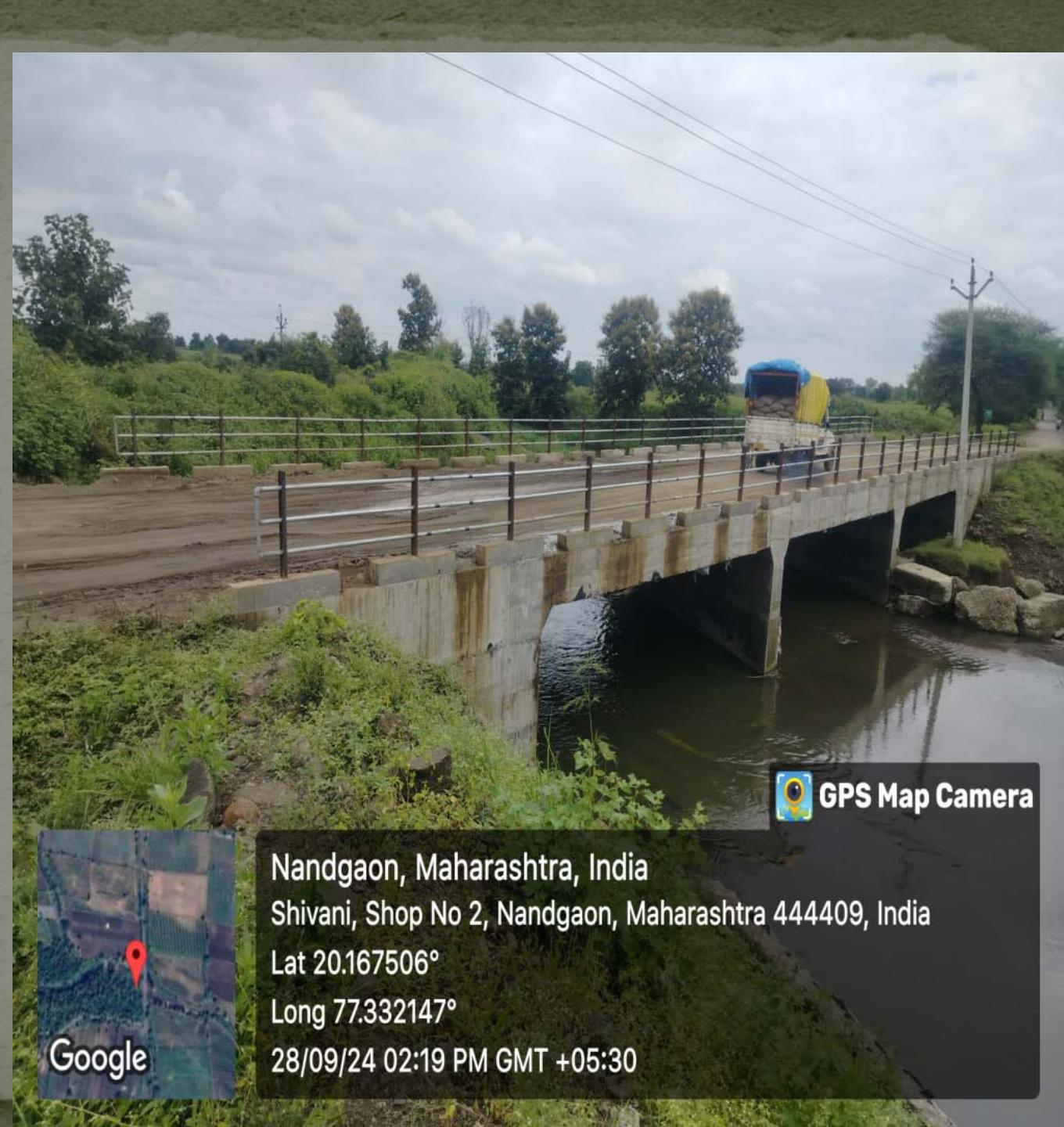
Lat 20.167495°

Long 77.332159°

28/09/24 02:19 PM GMT +05:30



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Google

Nandgaon, Maharashtra, India

Shivani, Shop No 2, Nandgaon, Maharashtra 444409, India

Lat 20.167506°

Long 77.332147°

28/09/24 02:19 PM GMT +05:30



GPS Map Camera



KEY BENEFITS OF THIS PROJECT

- Benefits To Farmer.
- Benefits To Local People.
- Distance Is Significantly Reduced.

THANK YOU