

Date – 20/12/2019

To

The Principal

P.V.P.I.T.Budhgaon

Subject – Report of preliminary survey of village- Nandre , Dist- Sangli under UBA

Respected sir

As per the instructions given by principal, **S.M.Patil (Associate Professor, Civil Engg Dept)** and **Viraj Savakhande (Assistant Professor, Electrical Engg Dept)** visited the Nandre for preliminary Survey of extension area of Nandre for the problem of drainage of surface water on 19/12/2019. The report of it is as given below.

We both discussed the problem of drainage of surface water in Nandre with Sarpanch and Gram sevak of Nandre and done the preliminary survey along with one peon from Gram Panchayat Nandre of following extension areas.

1) Sharad Patil Nagar , Nandre, Tal- Miraj , Dist- Sangli.

In this area there are 5 lanes which have problem of drainage of surface water. Soil is cohesive soil in which drainage of water is slow. In this area roads are WBM and soil stabilized roads and there are provided trenches to both the sides of lane roads as gutter for drainage of surface water. In winter season and summer season there not much drainage problem but in rainy season area is becoming marshy due to rain water. So there is necessity of constructing pavement roads and construction of gutters by providing proper slope towards the gutter which is provided at the start of this area. Due to which surface water drainage should be done effectively.

Length of road to be constructed – about 225 mt

Length of main drains and sub drains (Gutter) to constructed – About 600 mt

2) Parshwanath Nagar(Bagane Plot) , Nandre, Tal- Miraj , Dist- Sangli.

In this area there are 2 main lanes and 4 cross lanes to 2 main lanes and 1 main lane which have problem of drainage of surface water. Soil is cohesive soil in which drainage of water is slow. In this area roads are WBM and soil stabilized roads and there are provided trenches to both the sides of lane roads as gutter for drainage of surface water. In winter season and summer season there not much drainage problem but in rainy season area is becoming marshy due to rain water. So there is necessity of constructing pavement roads and construction of gutters by providing proper slope towards the gutter which is provided on towards East of the Sangli to Nandre road

Due to which surface water drainage should be done effectively.

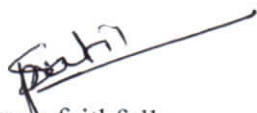
Length of road to be constructed – about 1700 mt

Length of main drains and sub drains (Gutter) to constructed – About 2000 mt

Depending upon the terrain of the area proper slope should maintained for effective removal of surface water towards the main drains which are provided at the start of the area.

This is for your information. Plaese consider and oblique.

Thanking you



Yours faithfully

S.M.Patil

Civil Engg. Dept.