

Road engineering and infrastructure

Regulation of a public infrastructure of the business center VP 14/2 IG

Project type

Traffic and municipal infrastructure

Location

Ig, Slovenia

Surface

36.500 m²

Investment value

3.750.000,00 €

Year(s)

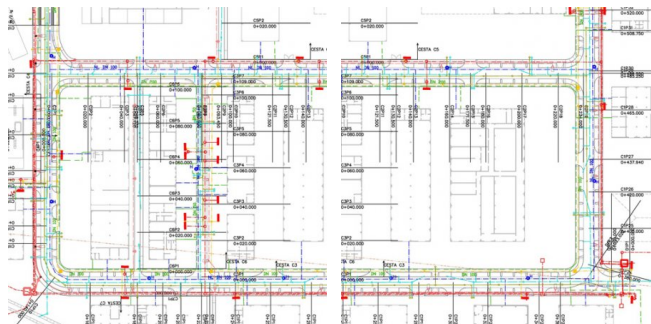
2007 - 2008

Services

building permit design,
as built design.

Investor

Municipality of Ig



A subject of this project was the business center VP 14/2 Ig, which stretches on an area of eleven hectares. The center consists of companies which are involved in commercial activity, production, service industry, transport, catering industry, tourism, sport and recreation. On account of companies which are engaged in transport, it was necessarily to design all roads and parking lots according to heavy traffic load. Our share in this project was to design all traffic areas and to harmonize courses of public infrastructure like sewage, electrical installations, telecommunication, water supply, gas pipe line and streetlight. Total length of the roads that connect the areas inside the business center is 1.2 kilometers. The body of the road consists of main lanes which are 3.00 meters wide, pavements and cycle lanes. The center lies in vicinity of protected natural environment, that is why many trees were plant parallel to the road, so that they build a tree avenue. There is a two-way traffic regime for personal vehicles and an one-way traffic regime for trucks. In a direction north-south a very important cycle connection was build, which binds up national road and Ljubljansko barje, which is a natural value in Slovenia. The center lies on an area which is flood endangered, therefore the dike had to be built, that holds up the center 0.5 meter above the high water level, that should happen every fifty years. Another function of the dike is a mineral capping layer, which improves the load capacity of existing base floor.