**Construction of local road,, Gavrilo Gavrilski”- Municipality of Sveti Nikole**

Total road length: L = 332.84 m

* Design speed: 30 km/h
* Road profile width: 5.50 m
* Maximum cross slope: 2.50 %
* Maximum longitudinal slope: 9.35%

**Pavement Structure**

* BNHS 22 – asphalt layer: d = 7cm
* Base layer of buffer layer under the roadway: 30cm
* Base layer of buffer layer under the sidewalks: 20cm

The subject street is part of Т4D5.

The work is being carried out by the construction DPTU ЕSKAVATORI – MK Dooel Skopje. The value of the signed contract is 7,840,222 denars.

**Project Overview**

**Preparatory work:**

* Securing and marking the route
* Dislocation of existing concrete columns

**Lower and upper structure:**

* Mechanical excavation of earth in a wide excavation 3-4 floors.
* Making a bed
* Making an embankment
* Leveling existing manholes
* Installing a buffer layer (under the roadway)d=30см
* Installation of concrete curbs18/24
* Installation of buffer layer (under sidewalks) d=20см.
* Installation of BNS22 layer d=7см.
* Installation of AB11 layer d=5см.
* Installation of sidewalk concrete curbs 6/20
* Installation of paver elements on sidewalks

**Drainage:**

* Installation of drainage pipes f150 (with excavation, filter material and backfilling
* Procurement and installation of street drains
* Production of absorption wells (4 pcs.)

**Traffic signals:**

* Installation of traffic signs
* Marking of horizontal signaling

**Additional quantities:**

* Construction of an embankment, with procurement of the material (improved bedding)
* Procurement and installation of iron manhole covers

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