**Reconstruction of a local road from the intersection with the road to dam Turija to the center of the village of Dobrosinci-Municipality of Vasilevo**

Total road length: L = 1320 m

* Design speed: 30 km/h
* Road profile width: 5.00 m
* Maximum cross slope: 2.50 %
* Maximum longitudinal slope: 10.69 %

**Pavement Structure**

* BNHS 16 – asphalt layer: d = 7cm
* Base layer of buffer layer under the roadway: 35cm
* 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 16,421,768 denars.

**Project Overview**

**Preparatory work:**

* Securing and marking the route

**Lower and upper structure:**

* Mechanical excavation of humus, with transport to the landfill (for road widening)
* Mechanical excavation of the existing roadway
* Subsoil/bed preparation
* Embankment preparation
* Installation of a buffer layer (under the roadway) d=35cm
* Installation of concrete curbs 18/24
* Installation of buffer layer (under sidewalks) d=20cm
* Installation of BNHS layer 16 d=8cm
* Installation of sidewalk concrete curbs 8/22
* Installation of paver elements on sidewalks d=6cm

**Drainage:**

* Installation of drainage pipes f150 (with excavation, filter material and backfilling
* Drainage from km.0+902-1+32

**Traffic signals:**

* Installation of traffic signs
* Marking of horizontal signaling

**Additional quantities:**

* Construction of an embankment, with procurement of the material (improved subgrade)
* Construction of two drainage outlets at km.0+958 and km.1+026 in accordance with the Technical Solution for Road Drainage.

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