



## LOCAL ROADS CONNECTIVITY PROJECT



### Construction of a street “Hristijan Todorovski Karpos” and “ASNOM” – municipality of Stip

Total road length:

RECONSTRUCTION OF A PART OF THE STREET

HRISTIAN KARPOS 0+000.00-0+241.71

ASNOM Branch 1 0+000.00-0+104.01

ASNOM Branch 2 0+000.00-0+105.18

L = 450.9m

- Design speed: 30 km/h
- Road profile width: 5.50m
- Variable width walkway to existing buildings 1.20 - 2.50m
- Maximum cross slope: 2.50%
- Maximum longitudinal slope: 15.33% - “H. Karpos”; 10.43% - “ASNOM”

#### Pavement Structure

- AB 11 - asphalt layer: d = 5cm
- BNS 22 asphalt layer: d = 7cm
- Base layer of crushed stone: d = 30cm

The street in question is part of T8D1 and one of the two streets planned for implementation in the Municipality of Shtip under this agreement.

The work is being carried out by the construction company "Kole Trans" with "Gradba Promet".

### Project Overview

The project includes the reconstruction of the street.

The construction works include the following tasks:

- Securing and marking the route
- Demolition of the existing basalt block pavement and existing behaton blocks, with loading and transportation to a location or landfill designated by the Investor-Municipality.
- Demolition of the existing asphalt from the road d=7-12cm, with loading and transportation to a location or landfill designated by the Investor-Municipality.
- Mechanical excavation of soil in a wide excavation of category III and IV with loading and transportation to a location or landfill indicated by the Investor-Municipality
- Procurement, transportation and installation of a buffer layer of crushed material

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- for the road  $d_{min}=30$  cm to the required compaction
- Installation of concrete curbs (MB40 18/24) at certain locations
- Procurement, transportation and installation of concrete paver elements for a sidewalk  $d=8$  cm placed on fine sand of 3-5 cm.
- Procurement, transportation and installation of bitumen emulsion of 0.3-0.5 kg/m<sup>2</sup> on a previously cleaned and decontaminated surface
- Procurement, transportation and installation of a bituminized bearing layer BNS 22SA  $d=7$  cm
- Procurement, transportation and construction of AB 11C  $d=5$  cm

Before construction, the street, or rather the road structure, was in poor condition, i.e. there were transverse and longitudinal cracks, as well as basalt cubes that were planned for removal.

The value of the signed contract for this street is 8,952,445.00 denars.

Currently, 100% of the street is completed. Attached are photographs documenting the street before construction, during construction and the completed sections.







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