

Technical Documents

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Landscape-Urban Competition
“Revitalization of the Mill Race in Košice”

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I. Introduction

As part of the public discussion on the future shape of the Mill Race, in addition to the public, companies and institutions operating in the vicinity of this watercourse were also addressed. The following list is a summary of technical documents that were presented by network and facility administrators at the Mill Race.

II. The width of road on Gorkého Street



Opinion of the Department of the Chief Architect on the width of the road on Gorkého Street:

"The B2 MZ 16/60 road on Gorkého Street currently has a road width of approximately 14.5 meters (4 lanes of 3.625 m).

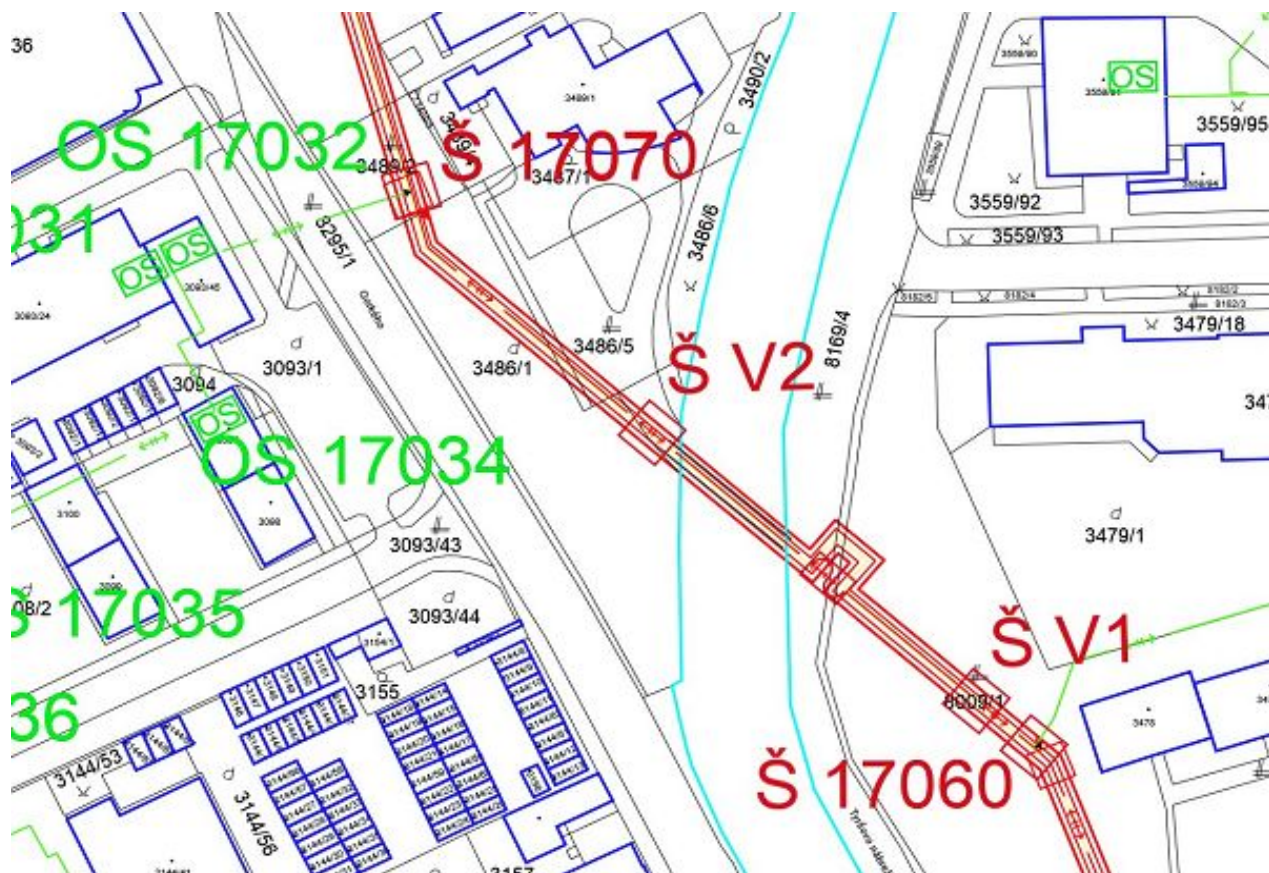
In accordance with the STN 73 6110 standard, the classic lane should have a width of 3.25 meters, 3.00 meters in cramped conditions.

The bus or trolleybus lane should be 3.50 meters wide, 3.00 meters in cramped conditions."

III. Heat line in the inverted siphon

Representatives of TEKŮ, a. s., the owner and operator of the heat line located in the inverted siphon, provided us with the following opinion on its relocation:

"Relocation of the heat line can also be realized via other routes than the current one, but a complete section between shafts S 17060 and S 17070 must always be solved in terms of strength and expansion and the existing dimension HV 2 2 DN DN 350 must be preserved. The individual alternative routes of the heat line relocation depend on the ownership relations to the land and the existence of engineering networks. The new heat line route must respect the strength and expansion conditions of the old route, including deaeration and drainage of the relocated section."



Location of the heat line in the inverted siphon section.

Note: Heat line relocation is dealt with in the project "The Mill Race Revitalization 2017", by Ing. Jozef Schlosser. The project has a valid planning and building permission.

IV. Maximum water level in the upper section

Slovenský vodohospodársky podnik, state company, Branch in Košice, provided its following statement on maximum water level of the Mill Race in its upper section:

Maximum water level of the Mill Race in its upper section is 209.80 metres above sea level.

The information was provided orally, we await written confirmation.

V. Cycleway in the berm of the River Hornád

Slovenský vodohospodársky podnik, a state enterprise, Branch in Košice, provided us with the following statement on the issue of running a cycleway in the berm of the right bank of the River Hornád:

"SVP, š.p. supports the construction of cycleways within water facilities in its management, allows the use of reinforced dam crests and the use of service roads for this purpose. These service roads, also used by cyclists, shall be the part of prepared Priority Flood Prevention Measures of the City of Košice."

VI. Drainage of water to the River Hornád via Masarykova Street

Východoslovenská vodárenská spoločnosť, a. s., provided us with the following statement on the possibility of water drainage into the River Hornád via Masarykova Street:

"Drainage of water from the Mill Race through a newly built pipeline in Masarykova Street would be possible by its inlet into a discharge pipeline with a profile of 3200 x 2030 mm. The maximum flow in this pipeline shall be 500 liters per second."