

1th INTERNATIONAL WEEK On Practice Oriented Higher Education at SIU

City & Traffic International Planning Workshop 20 years of experience

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About the project

The Workshop City and Traffic (originally Seminar fuer Verkehr und Staedtebau) was initiated by Prof. Dr.-Ing. Hartmut Münch and started in 1996 at the University of Applied Sciences Erfurt, Faculty Civil Engineering.



Languages: German, later English

Since then it has been held yearly for one week in July. In the beginning members of universities or technical colleges of four countries took part in this workshop, by now there are many more participants.

Partners



Cracow University of Technology



Czech Technical University in Prague Faculty of transportation Sciences



Institute for Transport Studies, Department of Landscape, Spatial and Infrastructure Sciences, BOKU



Vilnius Gediminas Technical University



Slovak Technical University



Department of Transportation Infrastructure and Municipal Engineering



Department of Transportation Engineering Faculty of Civil Engineering at the University of Maribor



Bauhaus-University Weimar



University of Belgrade



Locations, organisers

1)	1996 Erfurt (D)	11)	2006 Győr (H)
2)	1997 Modra (SK)	12)	2007 Tulln (AT)
3)	1998 Győr (H)	13)	2008 Erfurt (D)
4)	1999 Klosterneuburg (A)	14)	2009 Decín (CZ)
5)	2000 Erfurt (D)	15)	2010 Maribor (SLO)
6)	2001 Banska Stiavnica (SK)	16)	2011 Kraków (PL)
7)	2002 Győr (H)	17)	2012 Vilnius (LT)
8)	2003 Kraków – Wieliczka (PL)	18)	2013 Malacky (SK)
9)	2004 Maribor (SLO)	19)	2014 Győr (H)
10)	2005 Vilnius (LT)	20)	2015 Weimar





















Financing

Traditionally the host country organizes the main part of the financing and accommodation of the workshop participants. Council of Ambassadors approved the funding for project "City and Traffic 2014 - Győr", within the Visegrad Fund Small Grant Scheme.

Further supporter was the Local Government of Győr and the SIU.



Visegrad Fund

Task

The task of the workshop is to develop improvement suggestions for urban areas, streets, etc. with obvious transport problems.

Especially traffic safety and the functionality have to be kept in mind, but also the overall appearance of the townscape has to be considered.



Organisation

The work is done in groups (students and one or more supervising person in support). They are mixed up in order to socialize and strengthen the international contacts. This helps to improve the international exchange of the respective experience.

	Anne	Voßnacke	D
	Jūratė	Venckauskaitė	LT
Group 3	Petr	Jandík	CZ
Group 5	Roland	Schuster	HU
	Piotr	Ostaszewski	PL
	Jovana	Antić	SRB



Program

Sunday: Arrival of participants,

welcome dinner

Monday: Opening, chief architect, city hall

Overview of the program and tasks

Work in groups, site survey

Analysis of the current situation

Tuesday: Work in groups

Social activities

Wed.: Work in groups

Supervisors meeting

Thursday: Work in groups

Friday: Work in groups, cleaning of working rooms

Preparation of posters for presentation

Students presentations and summary of the workshop

Farewell dinner and party

Saturday: Departure of the participants



Outcomes

The improvement suggestions, jointly developed by the groups of students and supervisors, are presented and discussed in a final plenum. Thus a critical evaluation of the proposed solutions is conducted. In this way not only students and teachers but also local decision-makers learn about the importance, as well as the problems of a humanly compatible and safe design of roadside environment and street space, respectively.

Posters:

- 1. Current situation, problems
- 2. Low cost solution
- 3. Long term solution
- 4. Evaluation









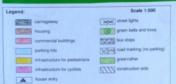




RECTANGULAR SPEED BUMP



Szövetség utca 1 HUF SOLUTION



ROAD MARKING AT ACCESS

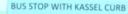




RECTANGULAR SPEED BUMP

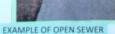








(C)



Supervisors: Václav Novotný, Tomasz Kulpa

Bernhard Antony, Marek Braniš, Vukan Jovanović, Ringaile Petrauskaitė, Gregor Salobir

SOLUTION - VERSION 1





CONCRETE BUS STOP PAVEMENT



Szövetség utca 10⁶ HUF SOLUTION

ELEVATED CARRIAGEWAY SURFACE (SPEED REDUCTION)





MARKING OF KISS&RIDE FACILITY







ROAD MARKING OF PARKING PLACE FOR HANDICAPPED



nt 🙆 bed 😬 reutral 😬 good

Legend Soc street lights green belts and trees [X][nq] road marking (no parking parking lots infrastructure for pedestrians. infrastructure for cyclists CONSTRUCTION side house entry

Cross- Section Version 1

PARKING PLACES WITH TREES (TV

Supervisors: Václav Novotný, Tomasz Kulpa

Bernhard Antony, Marek Braniš, Vukan Jovanović, Ringaile Petrauskaitė, Gregor Salobir

SOLUTION - VERSION 2

(3)

Sidewalks, with the width 1,5 and 2,0 meters will be situated on both sides of the

45 degree angle of parking in front of the

1 million HUF solution:

Electricity under the surface:

Two-way cycle path separated from

Width of carriageway - 6.50 meters:

Width of the cyclepath will be 2.0 meters

New trees between the parking places (old trees should be cut down);

26 parking lots in front of police station (2 for disabled people).







Szövetség utca **EVALUATION**

Invest. costs Quick building Design More safer than current PT passangers conditions Big vehicles conditions Accessibility



Weaknesses Not complexity



- Two-lane street with 50 km/h limit in both
- 30 km/h limit near nursery / kindergarten

- The drainage system is situated under the
- Width of carriageway is 6,5/7,0 meters with the share lanes for bicycles and motor vehicles in both directions;
- In crossections with the parallel parking places the width of the carriageway is also 7 meters, with the share lanes in both
- In crossection in front of the police station the width of the carriageway is 6,5 meters;
- Width of the pedestrian path is 3 meters in both directions (including tree alley);
- ection with the parkingplaces or tree alley, the width of sidewalks is 2 meters; - Extended bus stop platforms on the both
- 45 degrees angle of parking in front of the
- 26 parking lots in front of police station

- 1 million HUF solution:
- Two-lane street with 50 km/h limit in
- 30 km/h limit near nursery kindergarten;
- New trees between the parking places (old trees should be cut down)
- Electricity under the surface
- The drainage system situated under
- Two-way cycle path separated from carriageway;
- The division of the cyclepath and carriageway provided by trees and
- Width of carriageway 6,50 meters;
- Width of the cyclepath will be 2.0
- Sidewalks, with the width 1.5 and 2.0 meters will be situated on both sides
- Extended bus stop platforms on the
- 45 degree angle of parking in front of the police station
- 26 parking lots in front of police station (2 for disabled people)

Safer in general (ex. cyclists) Design

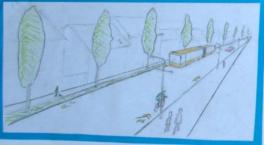
Houses value

passangers conditions Big rehicles conditions

Accessibility

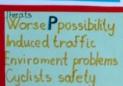
Better P possibility Healther trees

weaknesses nvest. costs Reconstr. time cutting trees



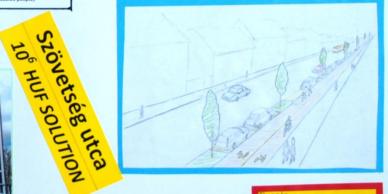
More livable street Less accidents House's value

Worse Possibility nduced traffic





ROTATIONAL CAR PARK (CAPACITY 10 VEHICLES)



ore livable street ess accidents

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Bernhard Antony, Marek Braniš, Vukan Jovanović, Ringaile Petrauskaitė, Gregor Salobir

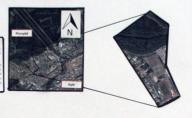
EVALUATION







INTRODUCTION



Users:

- > Sportsman
- > Tourist > Citizens
- > Transports
- (car, taxi, buses, public buses)

1 2 3

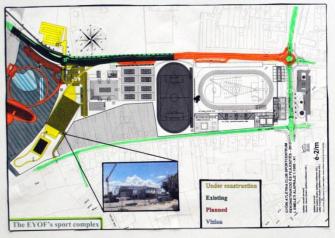
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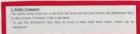
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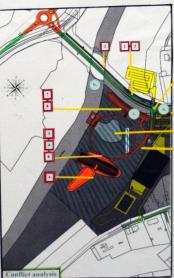
SUMMER EYOF 2017













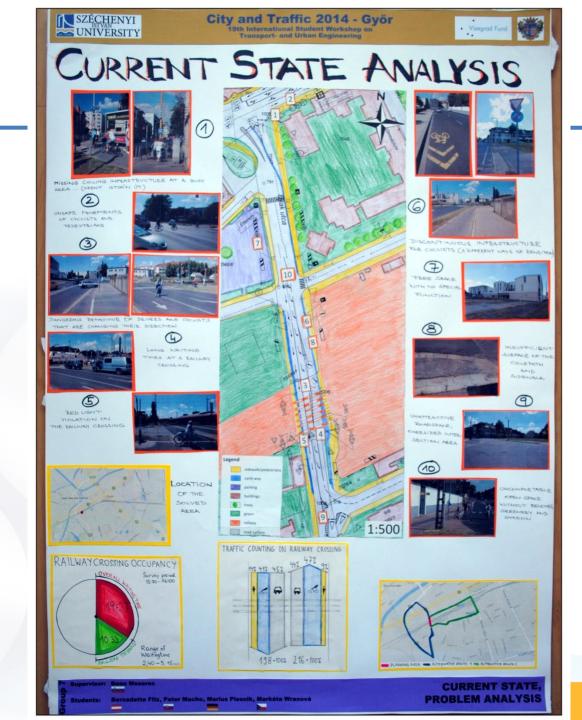


Supervisors: Gabriella Balkó, Milan Ondrovič

ents: Deividas Cekauskas, Arkadiusz Drabicki, Wido Hamel, Zsófia Pataki, Andreas Wallensteiner

CURRENT STATE, PROBLEM ANALYSIS





City and Traffic 2014 - Győr 19th International Student Workshop on Transport- and Urban Engineering SZÉCHENYI STVAN UNIVERSITY Visegrad Fund PICASSO PASSAGE . ELIMINATE MOTORISED TRAFFIC . SLOW DOWN THE CYCLISTS BY USING TELANOLE-SHAPED STELLCTURE · CREATE ATTRACTIVE AND INTEDES-· SHARED SPACE FOR PAC TING WAITING AREAS FOR PRC · PRESERVE MAIN CONNECTIONS · INCREASE THE QUALITY AND COMPRET BY USING GREENEDY, SUN SALS, WATED, OF PAC CONCEPT PROCESS MAIN CONNECTIONS OF T&C AND MIN CONNECTIONS WAITING SPACE SHADOWED BY SUN SAILS WE OF LOOD FORING DETAIL OF THE BENCH CROSS-SECTION M 1:250 PERSPECTIVE A CEVERING PLANTING CONCEPT WITH BLOOMING THETABLE DAN TES MARCH ATEL MAY JUNE JUY MORST SETT OUT MOV DES FRANCIACIE PREMIS ASSELVANA ACTIVIES MUERUM I WERMICA THERINA FLAND GROMPLANE : OPERAL OPERALISMS APPROPRIEST STREETS SOLUTION - VERSION











Closing









CIVIL ENGINEERING MSC

in English

Transport Infrastructure Specialisation Geotechnics Specialisation





Thank you for your attention!

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