

DEPARTMENT OF TRANSPORT CONSTRUCTION AND TRAFFIC ENGINEERING

Head of the Department:
Assoc. Prof. Katarína Bačová, PhD.

Tel.: + 421 2 59274 707
Fax: + 421 2 52925 375
E-mail: bacova@svf.stuba.sk

I. STAFF

Professors

Ivan Gschwendt, DSc.	+ 421 2 59274 360	gschwend@svf.stuba.sk
Ľudovít Rondoš, PhD. (emeritus)	+ 421 2 59274 361	

Associate Professors

Báčová Katarína, PhD.	+ 421 2 59274 360	bacova@svf.stuba.sk
Bystrík Bezák, PhD.	+ 421 2 59274 357	bezak@svf.stuba.sk
Karol Dostál, PhD.	+ 421 2 59274 362	dostal@svf.stuba.sk
Eva Tomášiková, PhD.	+ 421 2 59274 353	tomasik@svf.stuba.sk

Senior Lecturers

Ľudmila Bartošová, PhD.	+ 421 2 59274 355	bartosov@svf.stuba.sk
Vladimír Kapusta, PhD.	+ 421 2 59274 361	kapusta@svf.stuba.sk
Miloslav Nemček, PhD.	+ 421 2 59274 363	nemcek@svf.stuba.sk
Ján Tomko	+ 421 2 59274 358	tomko@svf.stuba.sk

Research Fellows

Peter Rakšányi, PhD.	+ 421 2 59274 354	raksanyi@svf.stuba.sk
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Doctoral Students

Laura Barciová	+ 421 2 59274 359	
Andrea Ďurišová	+ 421 2 59274 359	
Kotyra Marian		
Vachaja Andrej		
Ondrovič Milan	+ 421 2 59274 214	

Technical Staff

Cyril Izakovič	+ 421 2 59274 582	
Eva Šišťíková (secretary)	+ 421 2 59274 706	sistikov@svf.stuba.sk

Road Research Laboratory

Experimental Division of the Department of Transport Construction and Traffic Engineering

Deputy to the Department Head
Assoc. Prof. Rudolf Staňo, PhD.

Tel.: + 421 2 43422 451
Fax: + 421 2 43422 451
E-mail: stano@svf.stuba.sk

Scientific Workers

Karol Grunner, PhD.		grunner@svf.stuba.sk
Rudolf Staňo, PhD.	+ 421 2 43422 451	stano@svf.stuba.sk
Imrich Števuška, PhD.		stevuska@svf.stuba.sk

Research Fellows

Miloš Luknár

Dimitrij Petrov

Milan Šuster

Technical Staff

Daniela Janáčková (secretary) + 421 2 43421621

Achs Peter

Ján Balúch

Eva Falubová

Vladimír Geisler

Matej Malý

Gabriel Rajnák

Július Šiška

II. EQUIPMENT**II.1 Teaching and Research Laboratories**

The Department has a specialised road research laboratory at Technická 3, 821 04 Bratislava - Trnávka

II.2 Special Measuring Instruments and Computers

- Polaroid colour multimedia device and CYCLOP accessories
- Portable overhead projector
- Portable overhead projector 3M, 400W - LCD
- Integrating sound level meter - Bruel and Kjaer, Type 2231
- Nottingham asphalt tester (NAT)
- Apparatus for the automatic measurement of pavement surface friction
- Speed radar TSA – RFI – 1
- Small Falling Weight Device

III. TEACHING**III.1 Graduate Study**

Subject	Semester	Hours per Week		Lecturer
		Lectures	Seminars	
Land Ecology and Territorial Planning	3	2	2	Bezák
Transport Construction	5	1	1	Tomášiková
Transport Construction	5	4	2	Nemček
Transport Construction	6	3	2	Bačová
Road Construction	6	3	2	Gschwendt
Practicum	6	2 weeks		Bartošová
Roads in Urban Areas	7	3	1	Bezák
Regional Road Settlements	7	2	2	Nemček
Transport Construction	7	2	2	Kapusta

Construction Design	7	0 - 4	Tomko
Urban Planning	7	2 - 1	Bezák
Land-Use Planning	7	0 - 4	Bezák
Roads in Urban Areas	8	3 - 3	Bezák
Railways	8	3 - 2	Dostál
Airports	8	2 - 2	Bartošová
Transport Planning	8	2 - 2	Bezák
Land-Use Planning	8	0 - 3	Bezák
Practicum	8	2 weeks	Bartošová
Pavement Diagnoses	9	2 - 2	Gschwendt
Road Intersections	9	2 - 2	Nemček
Pavement Mechanics	9	2 - 2	Gschwendt
Special Chapters from Airports	9	2 - 2	Bartošová
Specialised Seminar	9	0 - 3	Bačová
Specialised Seminar	9	0 - 3	Bezák
Zonal Outline Study	9	0 - 3	Bezák
Design Studio	9	0 - 5	Bezák
Railway Construction	9	2 - 2	Dostál
Train-Running Dynamics	9	2 - 2	Tomášiková
Zone Advisory Plan	9	0 - 3	Bezák
Specialised Seminar	10	0 - 5	Bačová
Special Topics on Road and Motorways	10	3 - 2	Bačová
Reconstruction and Innovation of Roads	10	3 - 2	Bačová
Quality Control and Experiments	10	3 - 2	Gschwendt
Special Transport Construction Themes	10	3 - 2	Dostál
Transport Management	10	2 - 2	Bezák
Transport Urban Planning	10	0 - 2	Bezák
Transport in Land-Use Planning	10	0 - 3	Bezák
Specialised Seminar	10	0 - 5	Tomášiková
Special Railway Topics	10	3 - 2	Dostál
Railway Laboratory	10	3 - 2	Dostál
Track Modernisation and HST	10	3 - 2	Dostál
Special Transport Construction Topics	10	3 - 2	Bačová
Diploma Thesis	10	5 weeks	Bačová
Diploma Thesis	10	5 weeks	Dostál

IV. RESEARCH TARGETS

The Department's scientific and experimental bases are used for the following research problems:

- theory of the planning, design and operation of various types of transport structures connected with their capacities and environmental impacts,
- theory of transportation safety management and traffic interaction in regions,
- quality of road-building materials and energy consumption in road construction and the operation of road and railway networks,
- surface characteristics, serviceability and service efficiency of road pavements,
- theory of dynamic train operations.

V. RESEARCH PROJECTS

1. Sustainable Quality of Urban Transport Infrastructure, VEGA (2000-2002, B. Bezák)
2. Research of Factors and Conditions of Service Life of Pavement Structures for Trafficked Areas (2000-2002, K. Bačová)
3. Research into Factors Affecting the Volume and Quality of Railway Station Operations in Trains Shunting Goods (2001-2003, Tomášiková)
4. New Evaluation of the Functional Properties of Bituminous Road Surfacing Mixtures under Laboratory Conditions (2000-2002, K. Grünner)
5. Project ECOCITY, EVK-CT-2001-00056, Urban Development. Towards Appropriate Structures for Sustainable Transport, EC, 5th FW- RTD, City of Tomorrow, Consortium ECOCITY, SvF, FA, STU, Pridos, MsU Trnava, 1st Year – part: Overall Concept, Criteria Catalogue and Guidelines, Vienna/Bratislava, Tampere, Madrid, Hamburg, Gyor, Rome, 2002

VI. COOPERATION

VI.1 Cooperation in Slovakia

1. Slovak Road Directorate
2. Road Engineering Co. Ltd. Nitra, Košice, Prešov
3. Slovasfalt Co. Ltd. Bratislava
4. Research Institute of Engineering Structures - Roads Co. Ltd., Bratislava
5. Engineering Structures Košice
6. Doprastav, A. C. Bratislava
7. AUREX Ltd. Bratislava
8. Land Use Planning Bureau, E.I.A.
9. Dopravoprojekt, A.C. Bratislava
10. Municipal Offices of Bratislava, Banská Bystrica, and Prievidza
11. CMK Co. Ltd., Zvolen
12. Bitunova Co. Ltd., Zvolen
13. Geoconsult, Co. Ltd., Bratislava
14. Municipal Offices of Trnava, Banská Štiavnica, Trenčín
15. SUTN
16. MDPaT

VI.2 International Cooperation

The “ PORTAL” Project No: 2000 – RD. 11024

- University of Technology of Vienna, Austria
- University for Bodenkultur, Vienna, Austria
- Institute for Transport Planning and Traffic Engineering, Vienna, Austria
- University of Maribor, Slovenia
- Technical University of Budapest, Hungary
- Technical University of Prague, Czech Republic
- Centre for Continuing Education in Transportation Engineering, Warsaw, Poland

The “ COMPASS” Project No: 1999 – RD. 10480

– 22 organisations are participating in the project

ECOCITY Project main partners:

- Institute for Economic Geography, Regional Development and Environmental Management, Vienna, Austria
- Institut fuer Raumplanung und Ländliche Neuordnung, Universitaet für Bodenkultur, Vienna, Austria
- Institut für Ortliche Raumplanung, Vienna, Austria
- Technical Research Centre of Finland, Espoo, Finland
- Grupo de Estudios y Alternativas 21 S.L., Madrid, Spain
- Progettazione per il Restauro L'Architettura e L'Urbanistica, Rome, Italy
- eboek - Ingenieurbüro für Energieberatung, Haustechnik und oekologische Konzepte GbR, Tuebingen, Germany
- University of Tampere, Finland
- Nederlandse onderneming voor energie en milieu bv, The Netherlands

Other International Cooperation

1. Technical University of the Rhineland – Westphalia, Aachen, Germany
2. Aristotle University of Thessalonika, Greece
3. Federal Environmental Ministry, Vienna, Austria
4. Institute for Planning and the Environment, Vienna, Austria
5. German Academy for Town and Country Planning, Germany
6. Provincial Capital of Hannover, Germany
7. Federal Ministry of Transport, Bonn, Germany
8. LCPC Paris, Nantes, France
9. BP Hamburg, Germany
10. PEBA Berlin, Germany
11. TPA Vienna, Austria
12. CFF Munchengladbach, Germany
13. CEN/TC 256, Belgium
14. Industry Viertel – Vienna, Austria
15. Salzburger Landesregierung, Salzburg, Austria
16. Hungarian Academy of Science Regional Research Center, Győr, Hungary
17. West Transdanubian Regional Development Agency, Győr, Hungary
18. Gyor Statverwaltung, Győr, Hungary
19. CEI – Central European Initiative by Austrian Federal Ministry for Agriculture, Forestry, Environment and Water Management, Vienna, Austria
20. DASL – Deutsche Akademie fuer Städtebau und Landesplanung, Niedersachsen-Bremen, Germany, section Transport and Landscape
21. TRAFICO - Verkehrsplanung, Vienna, Austria
22. CKAIT – The Czech of Civil Engineers and Technicians, Karlovy Vary

VI.2.1 Visitors to the Department

Name	Organisation	Country	Stay
Csaba Koren	SIC Győr	Hungary	1 day
Franz Skala	WirtschaftsUniversität Vienna	Austria	2x1 day
Rainer Vienna	MayerhoferIOR,	Austria	1day

VI.2.2 Visits of Staff Members and Postgraduate Students to Foreign Institutions

- Bačová, K.: ECOCITY Vienna, 1 x 1 day
- Bačová, K.: Meeting, Germany, 1 x 4 days
- Bačová, K.: Meeting, Černice, 1 x 2 days
- Bačová, K.: Seminar, Warsaw, 1 x 4 days
- Bačová, K.: Excursion, Austria, Czech Republic, Germany, 1 x 7 days
- Bezák, B.: CVUT Prague, 1 x 1 day
- Bezák, B.: CONPAS Malmö, 1 x 4 days
- Bezák, B.: CONPAS Gorizia, 1 x 5 days
- Bezák, B.: Conference, Kittsee, 1 x 1 day
- Bezák, B.: Prospects Vienna, 1 x 1 day
- Rondoš, L.: ČVUT Prague, 1 x 2 days
- Gschwendt, I.: Workshop, Vienna, 1 x 2 days
- Gschwendt, I.: Meeting, Győr, 1 x 1 day
- Gschwendt, I.: Conference, Olomouc, 1 x 1 day
- Gschwendt, I.: VU 802 Warsaw, 1 x 5 days
- Gschwendt, I.: Exposition Prague, 1 x 2 days
- Gschwendt, I.: TU Vienna, 1 x 1 day
- Rakšányi, P.: ECOCITY Vienna, 1 x 1, 1 x 5 days
- Rakšányi, P.: Meeting, Brno, 1 x 1 day
- Rakšányi, P.: ECOCITY Brussels, 1 x 3 days
- Rakšányi, P.: ECOCITY, Tübingen, 1 x 2 days
- Barciová, L.: Excursion, Austria, Czech Republic, Germany, 1 x 7 days
- Ďurišová, A.: Excursion, Austria, Czech Republic, Germany, 1 x 7 days
- Kapusta, V.: VÚ Brno, 1 x 1 day
- Staňo, R.: Exposition, Prague, 1 x 2 days
- Staňo, R.: VU 802 Wroclav, 1 x 3 days
- Staňo, R.: Dopravní stavby, Velká Bystrice u Olomouce, 1 x 1 day
- Lukáč, L.: ECOCITY Vienna, 1 x 1 day

VII. THESES**VII.1 Graduate Theses**

No.	Student's Name	Title	Supervisor
1.	Róbert Hatos	Arbitration Orbital System at Poprad Airport	L.Bartošová
2.	Marián Kotyra	Hubova - Ivachnova Highway - Study	K.Bačová
3.	Štefan Matolák	Application of Rigid Pavement for SITINA Tunnel (Highway D2 Bratislava, Lamacska Route - Stare	I.Gschwendt

	Grunty)	
4.	Marek Šmelík	Road I/2 in Stupava – Reconstruction
5.	Andrej Vachaja	Modernisation of Malacky Railway Station
6.	Rastislav Šmátrala	Application of Concrete Stabilization with Exploitation Old Asphalt Mixture
7.	Branislav Dekan	New Building, Railroad Neded - Kolárovo
		M.Nemček
		K.Dostál
		K.Bačová
		K.Dostál

VII.2 Doctoral Theses

No.	Student's name	Title of doctoral work	Supervisor
1.	Ing. Alica Kapušová - Gregáňová	Multicriterial Evaluation of Expressways and Motorways in Urban Areas with respect to Noise Impact	B. Bezák

VIII. OTHER ACTIVITIES

VIII.2 Commercial Activities for Firms and Institutions

1. I. Gschwendt - Rehabilitation and Strengthening of Asphalt Pavements (Technical Specifications)
2. I. Gschwendt - Cement Concrete Pavement Design Method (Technical Specifications)
3. I. Gschwendt - Cement Concrete Pavement for Road No. I/18 in Ružomberok
4. I. Gschwendt - Results of Measurements on Experimental Highway, Section D61, Bratislava
5. I. Gschwendt - Visual Condition Survey and Evaluation of Bratislava Airport Runways /2002/
6. I. Števuška - Measurement of the Friction Coefficient Longitudinal at High Speeds – to 120km.^{h-1} on the Volkswagen Bratislava Testing Track
7. I. Števuška - Expert Evaluation of Pavement Surface Roughness on Foundation of Friction Coefficient Longitudinal on Highway D61 on the Sections as Follows
8. E. Tomášiková - Security Operation Action According to CEN TC 256 Railroad Performance Conditions Fellowship at CEN., MDPT
9. E. Tomášiková - Technical Analysis for Gabion Construction, MŽP SAŽP
10. E. Tomášiková - EN 13145 Railway Applications - Track - Wood Sleepers and Bearers, Acceptance of Standard into Arrangement STN
11. E. Tomášiková - EN 13103 Railway Applications - Wheel Sets and Bogies - Non-Powered Axles - Design Guide, Acceptance Standard into Arrangement STN
12. E. Tomášiková - EN 13104 Railway Applications - Wheel Sets and Bogies - Powered Axles - Design Guide, Acceptance Standard into Arrangement STN
13. K.Grünner - Scientific Assistance in Solving Technical Problems in Production of Construction Asphalt Layers
14. K.Grünner - Standardisation Problem Solution: Translation of EN 933-6
15. K.Grünner - Design of Availability of Crushed Gravel for Road Constructions
16. K.Grünner - Availability Assessment of Aggregates from Badín Locality for Road Purposes
17. K.Grünner - Standardisation Problem Solution: Translation of EN 13383-2
18. K.Grünner - Standardisation Problem Solution: Translation of EN 12274-2
19. K.Grünner - Standardisation Problem Solution: Translation of EN 12274-1
20. K.Grünner - Standardisation Problem Solution: Translation of EN 12274-6

21. K.Grünner - Availability Assessment of Aggregate Sample from the Point of View of Polishing for Road Purposes
22. K.Grünner - Availability Assessment of Aggregates from Sološnica Locality for Road Wearing Courses
23. K.Grünner - Availability Assessment of Aggregates from Sása Locality for Road Purposes
24. K.Grünner - Standardisation Problem Solution: Translation of EN 12271-3
25. K.Grünner - Standardisation Problem Solution: Translation of EN 12272-1
26. K.Grünner - Standardisation Problem Solution: Translation of EN 12274-3
27. K.Grünner - Availability Assessment of Andesite from Hanišberg Locality for Road Purposes
28. P. Rakšányi, E. Bartošová, M. Nemček - TUD/ŽP1 – Best Practices-Brochure for Design of Anti-Noise Equipment on Streets
29. Tomko, Bartošová - Building Reconstruction at the Slovak Embassy in Delhi–Traffic Surfaces
30. R. Staňo - Evaluation of Visual Condition Survey of Bratislava Airport Runway
31. R. Staňo - Quality Control of Compaction of Base Layers on VOLKSWAGEN Test Track
32. R. Staňo - Evaluation of Crushed Stone from Sološnica, Trstín and Lošonec for Road Pavement Construction

IX. PUBLICATIONS

IX.1 Journals

- [1] DOSTÁL, K.: Slovak – Austrian Public Railway Transport Cooperation. In: Report Design and Construction, No. 3/2002, pp. 21 – 23
- [2] TOMÁŠIKOVÁ, E.: Some Problems in Implementing European Standards – National Secretariat TC, Horizonty dopravy, 1/2002, pp. 29-31
- [3] TOMÁŠIKOVÁ, E.: Preparation of European Standards at the Railways, Annex at Horizonty dopravy, 2/2002, pp. 1-8
- [4] TOMÁŠIKOVÁ, E.: Co-operation with Development of European Rail, Horizonty dopravy, 3/2002, p. 40
- [5] TOMÁŠIKOVÁ, E.: Making Rail Transport more Attractive, Stavba, 3/2002, pp. 13-15
- [6] TOMKO, J.: Construction of Traffic Areas in Inner Cities. In: Projekt a Stavba, No. 10/2002, pp. 26-28
- [7] RAKŠÁNYI, P.: Interaction of Territory-Transport-Territory, In: Slovak Journal of Civil Engineering, SvF-STU, Bratislava, 10/2002, in print
- [8] RAKŠÁNYI, P.: The Tangent Torth and Small Carpathian Mountains, Projekt a stavba, 1-2002, Bratislava, 2002
- [9] RAKŠÁNYI, P.: Quality of Railway Stations' Open Space, Projekt a stavba 11/2002, Bratislava, 2002, pp. 20-25
- [10] RAKŠÁNYI, P.: Sustainable Transport in Kollar Square, Bratislava, In: Projekt, Review of Slovak Architecture, 05/2002, pp. 39-40
- [11] Bačová, K.: Possibilities of Environment Protection Against Traffic Noise, In: STAVBA 3/2002, ADORE s.r.o, Bratislava 2002, pp. 45 - 47

IX.2. Books and Textbooks

- [1] GSCHWENDT, I.: Innovations in Cement Concrete Pavements. In: Stavebnícka ročenka 2002, pp. 105-112. Jaga Group Bratislava, 2002
- [2] GSCHWENDT, I. – STAŇO, R. : The Bearing Capacity of Subgrades. Silničný obzor No. 9-10 / 2002, pp. 187 - 191

IX.3 Conferences

- [1] GSCHWENDT, I.: Evaluation of Rigid Pavement Design. In: Proceedings of International Conference on Cement Concrete Pavements 2002, Olomouc 2002, pp. 42 – 45
- [2] GSCHWENDT, I.: Composite Pavements. In: Proceedings of 7th Scientific Conference at TU Košice, Košice 2002, pp. 73 – 76 (in Slovak)
- [3] GSCHWENDT, I.: Problems of Materials Recycling in Road Building. In: Proceedings of 7th Ivan Poliaček Seminar on Construction and Reconstruction of Pavements, SvF STU Bratislava 2002, 6 pp. (in Slovak)
- [4] GSCHWENDT, I.: Pavement Structure in Rehabilitating Asphalt Pavements. In: Proceedings of 7th Ivan Poliaček Seminar on Construction and Reconstruction of Pavements, SvF STU Bratislava 2002, 6 pp. (in Slovak)
- [5] KAPUSTA, V.: Quality of Traffic Infrastructure and Traffic Accidents. In: Proceedings of Seminar on Sustainable Quality of the Urban Transport Infrastructure, Bratislava 2002, pp. 30 -33 (in Slovak)
- [6] KAPUSTA, V.: Transport and Land-Use Impacts on Road Safety. In: Sustainable Urban Transport Infrastructure, SvF STU Bratislava 2002, p. 10 (in Slovak)
- [7] DOSTÁL, K.: Optimizationalization of a Switch Deflection Angle. In: Proceedings of 7th Scientific Conference, TU Košice , Košice 2002, pp. 171 - 172 (in Slovak)
- [8] ŠTEVUŠKA, I.: Comparison of Some Surface Characteristics of Asphalt (Bituminous) and Cement Concrete Pavements in Relation to Transport Accidents. In: Proceedings of 7th Scientific Conference, TU Košice , Košice 2002, pp. 129 – 134 (in Slovak)
- [9] ŠTEVUŠKA, I.: Skidding Resistance of Asphalt Roads. In: Proceedings of Workshop, Vienna 2002
- [10] BEZÁK, B.: Sustainable Through Road Solutions in Small and Medium-Sized Cities. In: Proceedings of 5th International Environmental Engineering Program Conference, Vilnius Gediminas Technical University, Vilnius, Lithuania May 2002, pp. 22-28.
- [11] BEZÁK, B.: Sustainable Transport Infrastructure Strategy. In: Proceedings of the 7th Scientific Conference (with international participation), TU Košice, Section: Transport Construction, Košice2002, pp. 27 – 30 (in Slovak)
- [12] BEZÁK, B.: Transport and Country-side Settlements Accessibility. In: Proceedings of the 2d International Conference on Urban, Architectural and Technical Aspects of the Country-side Renewal II., ARC SvF STU Bratislava 2002, pp. 8-10 (in Slovak)
- [13] BEZÁK, B.: The Sustainability of Regional Transport Interrelations. In: Proceedings of Conference (with international participation) on Transport Developments in Košice and the East Slovak Region, TU Košice 2002, pp. 19- 22. (in Slovak)

- [14] BEZÁK, B.: Quality and Sustainable Development of Urban Transport Infrastructure. In: Proceedings of Seminar on Sustainable Quality of Urban Transport Infrastructures, SvF STU Bratislava 2002, pp. 3 – 18. (in Slovak)
- [15] BEZÁK, B.: Requirements for Urban Road Components. In: Proceedings of Seminar on Sustainable Urban Transport Infrastructure SvF STU Bratislava 2002, pp. 2–10 (in Slovak)
- [16] BARTOŠOVÁ, L.: Traffic Loads and Load Capacities of Runways. In: Proceedings of 7th Scientific Conference, TU Košice, Košice 2002, pp. 97 – 100 (in Slovak)
- [17] BARTOŠOVÁ, L.: Noise Protection Measures near Roads. In: Proceedings of Motorway and Roads, Bratislava 2002, 4 pp. (in Slovak)
- [18] TOMÁŠIKOVÁ, E.: Resistance in Tunnels. In: : Proceedings of 7th Scientific Conference, TU Košice, Košice 2002, pp. 167-172 (in Slovak)
- [19] NEMČEK, M. : Evaluation Principles of Surfaces of Strengthened Areas of Urban Roads. In: Proceedings of 7th International Conference. SvF TU Košice, 2002, pp. 69-72 (in Slovak)
- [20] TOMKO, J.: Public Premises for Car Traffic Service Facilities. In: Proceedings of Seminar on Sustainable Quality of Urban Transport Infrastructures, SvF STU Bratislava 2002, pp. 38 - 40 (in Slovak)
- [21] TOMKO, J.: Evolution of Roads in Urban Agglomerations. In: Municipal Engineering, Karlovy Vary 2002, 7th International Conference, Karlovy Vary 2002, pp. 1-10 (in Slovak)
- [22] JACOB, B., O'BRIEN, E., JEHAES, S., GRÜNNER, K. et al.: Weight-in-Motion of Road Vehicles, Final Report of COST 323 – WIM Load, LCPC Paris, France, April 2002, pp. 538
- [23] GRÜNNER, K.: Review of European Standards from the Action Area of TC 154 – Aggregates and TC 246 – Natural Stone. In: Workshop (with international participation) on Problems Resulting from the Introduction of European Standards into the STN System of Road Construction, Štrbské Pleso 2002, pp. 25-30 (in Slovak)
- [24] GRÜNNER, K., ROMANCOVÁ, I.: Description of European Standards for Aggregates and Stone. In: Workshop (with international participation) on Problems Resulting from the Introduction of European Standards into the STN System of Road Construction, Štrbské Pleso, 2002, pp. 37-89 (in Slovak)
- [25] GRÜNNER, K.: Problems with the Introduction of European Standards into the STN system. In: Workshop (with international participation) on Problems Resulting from the Introduction of European Standards into the STN system of Road Construction, Štrbské Pleso 2002, pp. 128-130 (in Slovak)
- [26] GRÜNNER, K.: Quality Control of Asphalt Mixtures. Seminar (with international participation) on Q-2002 Road Maintenance Technologies, Žilina 2002, pp. 101-106 (in Slovak)
- [27] GRÜNNER, K.: Evaluation of Asphalt Mixture Properties for Road pavements. In: 7th Scientific conference of Košice Technical University (with international participation), 4a section: Transport Constructions, Košice 2002, pp. 115-118 (in Slovak)
- [28] GRÜNNER, K.: Impact of Introduction of European Standards for Aggregate Testing and Evaluation into the STN System. In: 7th scientific conference of Košice Technical

- University (with international participation), 10th section: Construction Materials, Košice 2002, pp. 79-84 (in Slovak)
- [29] GRÜNNER, K.: Service Properties of Asphalt Mixtures. National Seminar with international participation on Highway – Road Infrastructure in the Slovak Republic, Podbanské 2002, pp. 60-65 (in Slovak)
- [30] HUSSAIN, I., GRÜNNER, K.: Utilizing the WIM Technique in Highway Pavement Management Systems. In: International Conference on Highway and Road Communications, Bratislava 2002, 5 pp.
- [31] GRÜNNER, K.: European Standardization in Waterproofing. In: Seminar with international participation on Waterproofing of bridges and tunnels, Podbanské 2002, pp. 51 – 58 (in Slovak)
- [32] GRÜNNER, K.: Appreciation of Properties of Asphalt Mixtures with R-material. In: 7th Ivan Poliaček Seminar with international participation on Construction and Reconstruction of Pavements with Reutilization of Materials, Bratislava 2002, pp. 104 – 111 (in Slovak)
- [33] GRÜNNER, K.: Exploitation of Crushed Gravel. In: Seminar on Quality Aggregates – Intention of Our Effort, Štrbské Pleso 2002, pp. 51 – 58 (in Slovak)
- [34] GRÜNNER, K.: European Standardization in Waterproofing. In: Waterproofing and Bridge Pavements, Luhačovice 2002, pp. 15 – 20 (in Slovak)
- [35] RAKŠÁNYI, P.: Definition of Development Point of View of Urban Road Network, In: Proceedings of Workshop on Sustainability of Urban Transport Infrastructure Quality, National Research Project VEGA-1/7121/20, K-DOS SvF STU, Bratislava 2002 (in Slovak)
- [36] RAKŠÁNYI, P.: Principles and Criteria for Creation of a Sustainable Urban Transport Network, In: Proceedings of Workshop on Sustainability of Urban Transport Infrastructures, National Research Project VEGA-1/7121/20, K-DOS SvF STU, Bratislava 2002 (in Slovak)
- [37] RAKŠÁNYI, P.: Die Synergie einer nachhaltigen Entwicklung der Region Vienna – Bratislava, In: Wiener Stadtentwicklungsplan 2005, Start-Workshop der MA 18, Vienna 2002 (in Print)
- [38] RAKŠÁNYI, P.: Evaluation of Quality of Live in Urban Areas, In.: Proceedings of 7th Scientific Conference with International Participation, Environmental Engineering Section, Košice 2002, pp 140 – 143 (in Slovak)
- [39] IVANIČKA, K., RAKŠÁNYI, P.: Urbanization Megatrends in the SR and Their Affection Region Development, In: Highly-Developed Regions – Forceful Country, Proceedings of Ministry of Building and Regional Development of the SR, Banská Bystrica 2002, CD, (0.5) (in Slovak)
- [40] RAKŠÁNYI, P.: Design of Railway Stations` Open Space, In: Proceedings of State conference on Railway constructions 2002, ŽUŽ Žilina, SKSI, , Tatranské Zruby 2002, pp. 83-89 (in Slovak)
- [41] RAKŠÁNYI, P., et al : Overall Concept and Criteria Catalogue, Part: Transport and Infrastructure, In: ECOCITY, 5th FW of EU, Methodology of ECOCITY Concepts, Deliverable 2, Bratislava, Vienna, Bratislava 2002

- [42] STAŇO, R.: Evaluation of the Serviceability of Road Asphalt Pavements, In.: Proceedings of 7th Scientific Conference , Technical University of Košice 2002, pp.77-80 (in Slovak)
- [43] STAŇO, R.: The Base Layers of Pavement from Recycled Asphalt Mixes, In: Proceedings of 7th Ivan Poliaček Seminar on Construction an Reconstruction of Pavements, Bratislava 2002, pp. 91-98 (in Slovak)
- [44] STAŇO, R.: Improvement of Pavement Subgrades, In.: Proceedings of Q-2002 Seminar, on Technology of Road Maintenance“, Žilina 2002
- [45] STAŇO, R.: Reconstruction of Cement Concrete Pavement on Road No I/61, Senec – Lúčny Dvor
- [46] BAČOVÁ, K.: Use of Asphalt Milling gained by phresing for Pavement Layers, In: Proceedings of 7th Ivan Poliaček Seminar on Construction an Reconstruction of Pavements, SvF STU Bratislava 2002, pp. 72-75 (in Slovak)
- [47] BAČOVÁ, K.: Traffic load and Its influence on Pavement Structures, In: Proceedings of 7th Scientific Conference TU Košice , Košice 2002, pp. 89 – 92 (in Slovak)
- [48] BAČOVÁ, K.: Rehabilitation and Reconstruction of Drainage on Roads, In: Proceedings of Motorway and Roads, Bratislava 2002, 4pp. (in Slovak)
- [49] BAČOVÁ, K.: Specific Problems of Pavements of Bridge Structures and Tunnels, In: 10th National Seminar with International Participation on Hydroisolation of Bridges and Tunnels, Podbanské 2002, pp. 22 – 25 (in Slovak)