



CURRICULUM VITAE

1. Name

Vladimir WOLF, M.Eng., Civ.Eng., P.E.

2. Profession

Civil Engineer
31 years of experience

3. Date of Birth

January 23, 1947

4. Nationality

Croatian

5. Education

1966 – 1973

University Zagreb, Faculty of Civil Engineering,
Master of Science Degree in Civil Engineering

1975 - 1982

Assistant Professor at Faculty of Civil Engineering,
University of Zagreb

1989 – 2001

Lectures on design of steel and reinforced concrete,
Voest Alpine, Linz, Austria
Proficiency in project management, CAD systems and Microsoft
Office Suite

6. Certification

Registered Professional Engineer in Croatia
License No. 1912

Registered Professional Engineer in Pennsylvania, USA,
License No. PE-038143-E

7. Membership

Croatian Chamber of Architects and Construction Engineers



8. Language & Degree of Proficiency

Croatian: mother tongue
English: excellent (read, spoken, written)
German: basic knowledge

9. Countries of Work Experience

Croatia, USA, Austria, Thailand

10. Employment Record

2004 to date	NEURON d.o.o., Zagreb, Croatia Independent Engineer, Resident Engineer Alignment
2003-2004	Hrvatske autoceste d.o.o., Zagreb, Croatia Tunnel Coordinator
2002-2003	VIADUKT d.d., Zagreb, Croatia Site Chief Engineer, Cost Control Engineer
2000-2001	Contract with PARSONS ENERGY on project Combined Cycle Cogeneration Power Plant TETO, Zagreb, Croatia Construction Management and Supervision for civil part
1999-2003	Associated with D2 CONSULT Expert for Underground Structures and Tunnel Design Review Engineer
1998-1999	LAHMEYER International, Design Review Engineer
1989 – 1997	Elektroprojekt Consulting Engineers, Zagreb, Croatia Project Manager
1988	GAI Consultants, Monroeville, PA Lead Engineer
1983 – 1987	Mackin Engineering Co., Pittsburgh, PA Designer / Project Manager
1975 – 1982	Elektroprojekt Consulting Engineers, Zagreb, Croatia Designer



11. Projects

<u>Croatia:</u>	Project management and construction supervision
2004 to date	Zagreb-Macelj Motorway, Croatia Inspection of construction works, construction progress monitoring, approval of interim payment certificates, approval of contractor's claims
2003-2004	Zagreb-Split Motorway Project, Sections A, C1, C2 Mala Kapela, Brinje, Brezik, Plasina and Grič Tunnels Coordination of tunnel construction activities
2002-2003	Zagreb-Split Motorway Project, Sveti Rok Interchange-Zadar I Interchange Project cost control and preparation of interim invoices
2001	Tunnel MALA KAPELA , Croatia Design and risk analysis of TBM driven variants of highway tunnels, with segmental lining as two-pass and one-pass systems for twin tubes of 5680 m length and with excavation diameter of 11,50 m.
2000-2001	TE-TO Zagreb, Combined Cycle Cogeneration Caloric Power Plant, Construction and construction supervision for civil structures
<u>Thailand:</u> 1998-1999	Project Management and Design Review MRTA Initial System Project, Design review of project documentation for new subway line of Bangkok in Thailand with 14,5 km of twin tubes in soft Bangkok clay, with segmental lining and excavation diameter 7,00 m. Construction supervision during precasting and installing of one-pass segmental lining and other underground temporary and permanent structures , top-down construction of station structures, underpinning of existing structures, TBM mobilization pits, etc.
<u>Croatia:</u>	Project Management, Construction Supervision of underground structures, preparation of tender documents
1997	HPP Lešće, HPP Novo Virje, HPS Senj Preparation of contract documents based on FIDIC General and Special conditions and preparation of tender documents for construction and equipment supply.
1993 – 1996	HPP Ombla, Dubrovnik, Croatia Preliminary and final design of 55 MW underground hydroelectric power plant with 100 m water head and underground reservoir in karst formed by means of a grout curtain. Cost/benefit analysis.



- 1992 Study of underground flow in alluvium deposits by application of final element mathematical model.
- 1989 – 1991 Headrace tunnels and underground caverns HPP Valići, Croatia
Final design of 4,5 km long headrace tunnel, inner lining diameter 3,30 m, preparation of technical specifications and QA/QC program for construction phase.
- USA:** Bridge design, inspection and rehabilitation projects
- 1988 Allegheny River Bridge, Pittsburgh, PA
Rehabilitation of a 1,500 ft steel bridge over the Allegheny River.
- 1987 Chartiers Creek Bridge, Bridgeville, PA
Single span prestressed concrete adjacent box beam bridge carrying L.R. 108 over Chartiers Creek.
Rehabilitation and redecking of a dual three single span bridge carrying Interstate 70 over L.R. 108 in Washington County, PA.
Rehabilitation and widening of two bridges in Section 003 of the Pennsylvania Turnpike near Philadelphia, PA.
- Redesign of a six simple span steel multi-girder bridge into a six simple span prestressed concrete I-beam bridge, carrying L.R. 119 over Loyalhanna Creek in Westmorland County, PA.
- Redesign of a two span continuous steel multi-beam bridge into a two simple span prestressed concrete I-beam bridge, carrying Jacks Run Road over L.R. 1021 in Allegheny county, PA.
- Redesign of a three span continuous steel multi-beam bridge into a three span continuous prestressed concrete spread box beam bridge, carrying Jackman Avenue over Dilworth Run in Allegheny County, PA.
- 1987 French Creek Bridge, Erie, PA
Two span continuous steel multi-beam bridge carrying L.R. 25062 over French Creek.
- 1986 Eighth Street Bridge, Franklin, PA
Seven simple and continuous span bridge over the Allegheny River. The design consisted of steel and prestressed concrete alternates.
- 1983 – 1985 Northshore Expressway, Pittsburgh, PA
Multiple simple and continuous span bridge carrying L.R.1026.
The design consisted of steel and prestressed concrete alternates;



<u>Croatia:</u>	Hydraulic and Structural Design, Numerical Analysis, Preparation of Tender Documents
1981 – 1982	HPP Dubrava, Croatia Study of environmental impact of headrace and tailrace canals.
1980	Pumped storage powerplant Obrovac, Croatia Design of upper horizon storage reservoirs.
1975 – 1979	Multipurpose scheme Mahabad, Iran Hydraulic design of detailed canal network.