

First Name: Salvatore
Last Name: VOLO
Date of birth: 24.01.1976
Profession: Transport Engineer
Nationality: Italian
Proposed Position: *Project Manager of Infrastructure Engineering*



Education

Institution, Date (from – to)	Diploma/Degree obtained
University of Palermo, Italy, 2002 - 2006	<i>Ph. D. in “Road Infrastructure Engineering”</i>
Research and Administration Studies Centre, Palermo, Italy, 2003 - 2004	Master in Road Safety Engineering
University of Palermo, Italy, 1996 - 2002	Degree in Transport Engineering

Key Qualifications

Ph.D. in “Road, Highways, Railways and Airports Engineering Infrastructure Engineering” with more than 10 years of professional experience in the design and construction supervision of road, railway, port and airport infrastructures. His expertise includes **pavement design and analysis of pavement behaviour and durability**. He achieved a **high skills and valuable knowledge in the field of Road Safety Engineering** through his participation to a Master course.

Mr VOLO has been in charge as pavement engineer for various road construction projects.

He attended specialisation courses in the field of road pavement at the Italian Society for Road Infrastructures. He **acquired knowledge and skills on construction and maintenance techniques for the structural upgrading of road pavements. Well acquainted with the latest techniques concerning mix design of bituminous aggregate according to the new system “Superior Performing Asphalt Pavements”**.

Other skills have been acquired on quality of construction materials. He participated to several international conferences on road pavement, materials quality and recycling techniques.

The professional activity of Mr VOLO has been also oriented to the sector of **traffic studies** in particular to the **traffic planning, foresight evaluations of transport demand and economic and environmental effects related to the construction of transport infrastructures**.

He participated in various national and international conferences on Road Safety, Road Design, Transport and Environmental topics.

Membership of Professional Bodies

- Associate member of the Italian Society for Road Infrastructures since 2002
- Associate member of the Italian Railway Engineers College since 2004
- Associate member of the Italian Society for Quality Culture since 2004
- Associate member of the Italian Association for Computation and Automation since 2004
- Associate member of ROTARACT since 2004
- Associate member of the Italian Naval League since 2005

Other Skills/ Health & Safety qualifications

- Qualified for Health and Safety coordination for design and supervision through his attendance of periodic courses at the University of Palermo in the Period 2000-2006
- Attended training course on GIS management at the Geologists Organisation of Palermo Province on November 2003
- Attended training course on ISO 9000:2000 Quality Management System at the Engineers Organisation of Palermo Province on April 2003,
- Attended training course for European Quality Driving Licence on September 2005;
- Attended training course for European Computer Driving Licence on September 2004
- Well acquainted with transport engineering applications

Experience Record

Period	Location	Position/ Client	Brief Description of project
2012-ongoing	Italy	Highway Engineer / Brescia Province	Upgrading of BERZO DEMO – EDOLO road section of the National Road n°42 “Del Tonale e della Mendola” – and construction of the East variant of EDOLO with a linking road in the south to the National Road n° 39 “DEL PASSO DELL’APRICA”. Preliminary design and environmental pre-feasibility study.
2012	Italy	Highway Engineer / ANAS (Italian Roads Agency)	A19 Palermo-Catania Motorway. Technical Assistance for the design of structural and safety improvement works for Misericordia and Cappuccini Tunnels. Italy
2011-2012	Italy	Highway Engineer / ANAS (Italian Roads Agency)	Technical Assistance for detailed design of the motorway between A12 "Roma - Civitavecchia" and Pontina located in Tor de Cenci.
2010-2011	Italy	Highway Engineer / ANAS (Italian Roads Agency)	Detailed design of upgrading works of Siracusa – Florida highway (“Siracusana” National Road n° 124).
2009-2010	Oman	Highway Engineer / Federici Stirling Batco LLC	Engineering services for the preparation of Detailed design and construction drawings Dualization of the road from Zurub R/A to Buraimi Hospital R/A
Nov. 2010	Italy	Road Design Engineer / SIS Consortium	Pedemontana Lombarda Motorway Design and Build Project, Lombardia Region
2008-2009	Oman	Highway Engineer / BATCO SARL	Final design of Qurum-Sarooj road, Muscat
2008-2010	Italy	Highway Engineer / Mirabella Imbaccari Municipality	Supervision of construction works including geological, engineering and architectural services for the <i>Caltagirone</i> main road. Sicily
2008-2009	Italy	Highway Engineer and Traffic Expert / Cagliari Province	Preliminary and detailed design of the linking road <i>Burcei-Sinnai-Maracalagonis</i> (National Road n°125) located in Cagliari Province, Sardinia Region
2008	Italy	Pavement Expert / Palermo Port Authority	<i>Termini Imerese</i> port: design of pavement works for merchandise and containers traffic, rehabilitation and consolidation of the wharf cranes and the trapezoidal pier, Sicily

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2008-2009	Italy	Road Engineer, Supervisor / <i>Castelvetrano</i> Municipality	Rehabilitation works of the original town centre and upgrading of Garibaldi square.
2008-2009	Italy	Pavement Expert and Supervisor of works / GESAP (<i>Falcone</i> and <i>Borsellino</i> International Airport, Palermo)	<i>Expansion of the airport squares</i>
2008	Italy	Highway Engineer and Traffic Expert / ANAS (Italian National Road Agency)	Detailed design of the linking roads between <i>Campofelice</i> plain and <i>Altipiano delle Rocche</i> located in <i>Abruzzo</i> Region
2008	Italy	Highway Engineer / ANAS	Detailed design of the upgrading works of the National Road n°4 " <i>Salaria Road</i> ", Rome
2007-2008	Italy	Resident Inspector and Assistant to the Director of Works / SICILIACQUE SpA	Supervision of the upgrading works for the <i>Ancipa-Blufi</i> Aqueduct's cross connection. Sicily
2006-2007	Italy	Railway Design Engineer / ITALFERR	Preliminary design of speed Railway line between <i>Potenza</i> and <i>Metaponto</i>
2006-2008	Italy	Transport Expert / IRFIS – <i>Mediocredito della Sicilia</i> SpA	Transport Engineering Consultant
2005-2008	Italy	Highway Engineer and Resident Inspector / RUFOLI scarl	Detailed design of the <i>Salerno-Reggio Calabria</i> Highway from km 2+500 to km 8+500 – Upgrading Works to three-lane and an emergency lane.
Oct./ Dec. 2006	Italy	Consultant and Scientific Collaborator / Palermo University, Department of Transport Engineering	Elaboration of data concerning road accidents on the Palermo Ring Road
Apr./Oct. 2006	Italy	Highway Engineer, Pavement and Traffic Expert / ANAS	Preliminary design for the construction of interchanges and linking roads to the A 29 Palermo Motorway
2005-2006	Italy	Highway Engineer, Pavement and Traffic Expert / ANAS	Detailed design for the construction of interchanges and linking roads to the national road n° 624, Sicily
Nov./Dec. 2005	Italy	Road Engineer / <i>Piana degli Albanesi</i> Municipality, Sicily	Preliminary design of rehabilitation and upgrading works for the access roads in <i>Piana degli Albanesi</i> Municipality
Jan./Mar. 2005	Italy	Highway Engineer / ANAS	Detailed Design of the upgrading works for the National Road n° 188 in Sicily.
Jan./Feb. 2005	Italy	Highway Engineer and Pavement Expert / ANAS	Preliminary design for the construction of the third lane of the A19 Motorway linking Palermo to Catania, Sicily.
Sept. 2004	Italy	Road Design Engineer and Pavement Expert / <i>Bagheria</i> Municipality	Preliminary design of overpass construction works in <i>Bagheria</i> Municipality, Sicily.
June 2003	Italy	Highway Engineer and Pavement Expert / <i>Bagheria</i> Municipality	Final design for traffic improvements at the highway interchange in <i>Bagheria</i> Municipality, Sicily.
2004-2005	Italy	Highway Engineer / ANAS	Detailed design for the upgrading works of the <i>Salerno-Reggio Calabria</i> Highway from km 22+400 to km 23+000, including <i>Battipaglia</i> interchange and the linking road with the 18th National Road

Period	Location	Position/ Client	Brief Description of project
May to July 2004	Italy	Transport Engineer / Bagheria Municipality	Technical assistance for “Proposal of variant to the General Master Plan concerning the road traffic near the highway interchange Bagheria Municipality”
Dec. 2003-Jan. 2004	Italy	Road Safety Expert / Palermo Province	Member of the Audit Team. Road safety analysis for 4 provincial roads located in Palermo, Sicily
Nov. 2002 / Feb. 2003	Italy	Railway Design Engineer / Palermo Municipality / Italian Railways Agency	Preliminary design of the subway (underground railway) for the linking section between Giachery and Lolli areas located in Palermo, Sicily
Sep. to Nov. 2002	Italy	Technical Consultant / AMIA SpA (Environmental Municipalised Company of Palermo)	Detailed design of the waste to energy plant for Palermo, Trapani and Agrigento Municipalities. Environmental Impact Study, Transport Planning and Traffic Study
Jan. to Apr. 2002	Italy	Trainee at AMAT SpA (Transport Municipalised Company of Palermo)	Optimisation of the public transport system

Language

Language	Reading	Speaking	Writing
Italian	Mother-tongue		
English	Excellent	Good	Good
French	Good	Good	Good

Eng. Salvatore VOLO

Date: July 2012