

# CURRICULUM VITAE

**Name:** REINSLETT, Erling  
**Job Title/Profession:** Associate professor  
**Born:** 1946  
**Nationality:** Norwegian  
**Civil Status:** Married  
**Years with the Firm:** 4 years, 1983-87  
**Languages:** English (good)  
**Countries of Work Experience:** Libya, Sudan, Norway  
**Professional Societies:** Norwegian Society of Chartered Engineers (NIF)  
Norwegian Road and Traffic Association  
Norwegian Asphalt Association  
**Publications:** Publication of approximately 80 reports, papers, lecture notes and articles published by the Public Roads Administration, The University of Trondheim, The Nordic Road Technology Federation (NVF), The Nordic Officials Association for Transport (NÄT), The Laboratory for Asphalt Industry (AIL) The Engineering Publishing House and Narvik Institute of Technology, earlier Narvik College of Engineering (HiN/NiH).

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## Key Qualifications:

Academic education as Doctor of Engineering and Civil Engineer specialising in road and airport planning and structure and Materials Technology. Doctorate Thesis: "Bearing capacity of roads in relation to deflection and curvature under test load".

Work with the planning and testing of roads and airports in Norway and abroad, and position of Manager for the construction of new roads, reinforcement and maintenance of existing roads and sand blasting, metal coating and painting of large suspension bridges.

Presently Lecturer at Narvik Institute of Technology and actively involved in creating contacts between the College and Industry. Initiated the process to make "Road and Traffic" one of the branches of study at Narvik Institute of Technology, and initiated and carried through the project relating to the General Agreement between Narvik Institute of Technology and the Public Roads Administration.

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## Education:

1983 Doctor of Engineering, Norwegian University of Science and Technology, Trondheim  
1976 Civil Engineer, Norwegian University of Science and Technology, Trondheim  
1973 Engineer, Narvik Technical School  
1971 Technician, Tromsø Technical School

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Certified true and correct:

**Experience Record:****1990-present      NARVIK INSTITUTE OF TECHNOLOGY**

1994 to date	Associate professor at Narvik Institute of Technology, Narvik
1987 - 1994	Associate professor at Narvik College of Engineering, Narvik
1983 - 1987	Project Manager and co-organiser with NORCONSULT, Sandvika
1977 - 1983	Senior Engineer, Head of Engineering Dept. with the Norwegian Road Research Laboratory (Public Roads Administration), Oslo
1968 - 1977	Chief Roads Officer, Inspector and Assistant with the Public Roads Administration in Nordland
1965 - 1968	Driver of earth-moving machines for Nord Teknisk

**Managerial functions and memberships:**

- Study coordinator. Bachelor and Master study programmes for Civil Engineering (2001 to date)
- Head of Building Construction Dept., Narvik Institute of Technology (1992-94)
- Member of the National Committee for Reinforced Soil - UAJ (1990-96) and secretary for the Committee (1994-96)
- Member of the NVF committee: Education and development within the roads and traffic sector (1988-96)
- Project Manager for the development of the Course of Studies in Environment Technology, Narvik College of Engineering (1992-93)
- Member of the Professional committee, Construction Dept. - IR (1989-91)
- Member of the Department committee, Construction Dept. - Narvik College of Engineering (NiN) (1990-91)
- Initiator and Chairman of the Road Engineering Forum North (VTFN) (1988-91)

**Now teaching or previously teaching in the following subjects giving 2 credit points (NiH/HiN):**

- Road Engineering I - basic course (specialized subject)
- Road Engineering II (optional subject)
- Soil Mechanics (specialized subject)
- Statics (specialized subject)
- Technical Drawing CAD (branch-oriented subject)

**Lecturer for external courses and conferences:**

- EVU course in road engineering (HiN) (1993 to date)
- EXPERTISE DEVELOPMENT: The challenges are present. Who takes them up? (Norwegian Research Committee) (1996)
- Stones in the way - challenges in Northern Norway (AEF) (1996)
- Reinforcement of the load capacity of municipal roads (NKF) (1996)
- Costs and consequences for the municipal road network of the absence of driving and load restrictions during spring thaw (NKF) (1996)
- Course in dimensioning of roads (NorVei) (1988)
- What is a base course? Advantages and disadvantages with the use of various types of base course gravel (VTFN) (1989)
- Concrete Block Paving - properties and areas of application (Østraad STEIN) (1988)
- New methods for the management of load restrictions (NLF) (1988)
- Development of surfacing and construction in Norway - concrete for roads (NIF) (1988)
- Areas of application and calculation principles - reinforced soils (UAJ) (1988)

**External projects:**

- Registration of bearing capacity - making use of existing sites: Lista airport (2003)
- Registration of bearing capacity - making use of existing sites: Sandefjord airport (2003)
- Registration of bearing capacity - making use of existing sites: Narvik harbor (2003)
- Special Adviser: function offer - asphaltting (Sørreisa ASFALT) (1997)
- Registration of bearing capacity - making use of existing sites: Lista airport (FBT) (1996)
- Devised and carried through a 2-pts credit course with the help of two-way audio-visual communication between two education institutions (HiN and HiT). The course was a great success. (Public Roads Administration) (1996)
- Special Adviser: Preparation of tender documents and work description for runways and roads with a stress on asphalt technology and making use of existing materials - Oslo City Airport (Berdal Strømme/OHAS) (1994 to date)
- Classification and evaluation of "Rallarvegen" at Bjørnfjell (Narvik Municipality) (1995)
- Special Adviser: The use of paving stones at Sola Air Base (FBT/Østraads STEIN) (1995)
- Optimal operation and maintenance of streets in towns and villages (Municipalities of Bodø, Narvik, Harstad and Tromsø) (1989-92)

- Initiator and Project Manager in connection with the Framework Agreement between the Public Roads Administration and Narvik Institute of Technology (HiN/NiH) (1991 to date)
- Unloading station - water run-off (LKAB) (1991)
- Guidelines for the reinforcement of roads - Manual - 018 (Public Roads Administration) (1989-1991)
- Evaluation of the bearing capacity and proposition for improvement: Industrial zone - NSB (RINGTEK) (1990)
- Survey of the ground conditions for foundation laying of the Sports Hall in Narvik (Stadionhallen a/l) (1990)
- Preparation of tender documents for asphaltting work at the unloading station and improvements to Havnegata (LKAB) (1990)
- Special Adviser: work of the foundations for Narvik Sports Ground (Narvik Municipality) (1989-92)
- Measurement of the bearing capacity: Bodø airport (Civil Aviation Administration) (1989)
- Paving stones and retaining wall - LKAB (1989)
- Geological survey: Skistua kindergarten (Narvik Municipality) (1989)
- Site Engineer: Improvement and re-asphaltting of Kirkenes airfield - Høybuktmo (Norconsult/Civil Aviation Administration) (1989)
- Preparation of a Product Catalogue (Nodest VEI) (1988)
- Technical documents - paving stones (Øsraad STEIN) (1988)
- Judge in professional matters appointed to the County Court (District Judge in Vardø) (1988)
- Dimensioning of transport road - Mo (Norsk Jernverk) (1988)

**1983-87                      NORCONSULT A.S**  
**Project Manager**

- Pavement Evaluation and Personnel Training. Organization and Investment Study (The Republic of Sudan, SUDAN)
- Pavement design and tender documents for Sarir Airport (Arabian Gulf Oil Co., LIBYA)
- Pavement design for Nafoora Airport (Arabian Gulf Oil Co., LIBYA)
- Development of information and control system for Oslo Roads Administration (Oslo Municipality)
- Survey of material properties of gravel and aggregate (PGL)
- Survey of Ev18 road to Fornebo (Public Roads Administration - Akershus)
- Presentation of data from the Load Classification Register (Directorate of Public Roads)
- Road Ev18 through Oslo - Fjellinja (Oslo Municipality)
- Course facilitator and lecturer for a 40-hour course in dimensioning and reinforcement of road pavement - dimensioning school (AIL)
- Revised edition of "Guidelines for the execution of bituminous road surfacings" (AIL)
- Preparation of the criteria for calculation of load capacity on roads and airports based on measurements with drop weight and programming by HP computer (AIL)
- Preparation of course material for a 2-day dimensioning seminar for members of the Asphalt Contractors Association (AIL)
- Planning, construction and follow-up of test zones with various types of base course (AIL)
- Preparation of tender documents for improvement of runway areas - Oslo airport - Fornebu (Civil Aviation Administration)
- Evaluation of alternative areas for a freight terminal (Halden municipality)
- Purpose-oriented maintenance and survey of target areas (Directorate for Public Roads)
- Preparation of a proposition for a system for the management of road surfacing as a result of research and development, for the Public Roads Administration (Directorate of Public Roads)
- Geological survey and dimensioning of road pavement for Sola, Flesland, Tromsø, Bodø et Oslo airports (Civil Aviation Administration)
- Participated in various courses and conferences as participant and lecturer

**1977-83                      NORWEGIAN ROAD RESEARCH LABORATORY**  
**Public Roads Administration - Oslo**  
**Senior Engineer, Department Engineer**

- Project Manager for the development of measurement methods for the load capacity of roads and airports
- Load Classification Number (LCN) for Military Air Bases
- Project Manager for the development of control systems for axle load restrictions in the spring thaw period
- Participated in the development of the Road Databank (VDB) and the formulation of the Norwegian axle load policies

- Member of the Nordic Road Technology Federation Committee and secretary for said Committee: reinforcement of roads
- Member of the Nordic Officials Association for Transport (NÄT)
- Participated in the development of specifications for the reinforcement of roads, dimensioning of roads, use of fiber cloth, automatic axle load registration and compressing
- Participated in various courses and conferences as participant and lecturer

**1968-77                      PUBLIC ROADS ADMINISTRATION - County of Nordland**  
**Chief Roads Officer, Inspector and Assistant - summer employment**

- Deputy Chief Roads Officer
- Carried out routine checks and developed a local register of the condition of bridges in northern Nordland
- Management, control and follow-up, mainly in relation to maintenance (sand blasting, metal coating and painting) of large suspension bridges in northern Nordland

**1965-68                      NORD TEKNIKK**  
**Operator Earth Moving Machine**

- Construction, reinforcement and maintenance of roads (assignment for The Public Roads Administration and Evenes Municipality)