



## Curriculum Vitae



### **Per Westman**

Contracting specialist

### **Kontakt**

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<b>EHC i Åkersberga AB</b> Managing Director, Technical specialist, KA, inspector Contracting advisor, Contract law advisor	2019.09 --ongoing
<b>Bjerking AB</b> Contracting advisor, Project manager, Design manager	2020.03 --ongoing
<b>YIT Sverige AB (f.d Lemminkäinen)</b> Projekt manager Infra Projekt Mellansverige	2017.09 – 2019.09
<b>Hochtief Infrastructure GmbH</b> Project manager Infra	2016.11 – 2017.08
<b>SWECO Management AB</b> Project management/Construction management	2013.05 – 2016.10
<b>Veidekke Entreprenad AB</b> Site manager, Anläggning Öst	2008.04 – 2013.04
<b>Forsen Projekt AB</b> Project manager	2007.01 – 2008.03
<b>Bombardier Transportation RCS Region 2</b> Contract manager legal dept	2006.02 – 2007.01
<b>SKANSKA Grundläggning</b> Project mnager	1995.01 – 2006.02
<b>SIAB Fagersta</b> Site engineer	1994.08 – 1995.01
<b>H&amp;N Bygg AB Syd</b> Foreman/Site engineer	1990.06 – 1992.08
<b>SAFE Offshore AB</b> Electrician trainee	1986

### **Qualifications:**

Per Westman has been active in construction business since 1990 in various positions such as Project manager, Design manager, Site manager and Technical specialist. Those roles has been throughout all phases of projects ie so called early phases with designplanning, scheduling, production assessments as well as actual construction and maintenance. He has been active in all scales of projects from small projects up to budgets over 1000 MEK. His main scope is heavy construction/infrastructure such as bridges/harbours/powerplant with specialization in geotechnics, foundation, concrete and steelworks, post-tensioning, heavy lifting and launching. He also has experience from tunneling, roadconstruction, railways and houseconstruction. Per is primarily regarded as a specialist in concrete works where he has all existing national certificates but he also carries most certificates for steel structures. Due to his private interests and the nature of his projects he has extensive experience and knowledge in marine and waterbased construction.

Per has also worked with maintenance, restoration and repairs of steel and concrete structures. Due to his lengthy production experience he is well acquainted with most of, on todays market, existing methods of strengthening and repairing and he is also frequently asked for advice and status inspections.

Per is pragmatic and solution oriented and is driven by the challenge in complex projects with high degree of technical content. Due to the variation of projects where he has participated and his private interest in technology Per has a wide knowledge even in areas not explicitly expressed in his CV.

## Education

MoSc, LTH, Civil engineering, Specialized in production management.	1989--1993
Extended education in foundation techniques and Rock- and soilmechanics, LTH	1994
Extended education i Mechanics och constructiondesign, LTH	1994
Swedish business law, Lunds Universitet	1993
Swedish litterature, Lunds Universitet	1993
Military Duty, Royal Swedish Marine, Coast Artillery	1988-1989
Electronics and computor engineering Malgomajskolan, Vilhelmina and Dragonskolan, Umeå	1984-1988

## Courses

Bridge Inspection--methodology (TRV ) (postponed, covid)	2021
TR Stål/K ( Swedish licence for complicated steelworks )	2020
Inspection ( certification ongoing )	2020
TR Stål/N ( License for steelworks )	2019
BasP/BasU ( National cert for safety works )	2016
Spräckkort ( National cert for minor explosives )	2016
Arbete i gatumiljö Stockholm Stad ( Local certificate for Streetworks in Stockholm municipality)	2016
HLR ( Education in emergency rescuing)	2016
KA PBL ( Cert control and inspection acc to Swedish Construction rules )	2015
SUA ( Security approved for military works)	2013
Avanced Concrete technology CBI	2012
Arbete på Spår ( cert safety at railworks )	2012
Arbete på Väg ( cert safety at road works )	2012
Säkra Lyft ( cert for safe crane works )	2012
Submarine concrete works ack. TRV demands CBI	2011
BasP /BasU ( National cert for safety works )	2010
Adaption of BTG Klass 1 EN-standards CBI	2010
SKANSKA Leadership program	2003-2005
BTG Klass 1 CBI	2002
Cert hot works and fire safety	1996
On site safety rules	1996
Contracting law, swedish1-3	1996
QA ISO 9000, system. Lead, revision	1995

## Language

Swedish, mothertongue and very high skills in both speaking and writing  
 English , full professional level and very high skills in both speaking and writing  
 Spanish, beginners level, modest knowledge  
 German, beginners level, modest knowledge  
 Russian, recently begun studying

**Computer skills**

Per has worked with computers in PC-environment since 1989 and has lengthy experience of and various educations in:

MS-office ( Excel, Word, PowerPoint, Access, MS Project, Outlook etc )

AutoDesk ( AutoCad 2- samt 3-D )

PrimaVera

Power Project

Teams

Sharepoint

Adobe

Bentley

Corell

Lotus

Visual Basic

Norton

Pascal

DOS

In addition to this he has extensive experience from adapting to and using various economysystems and cloudbased server systems according to clients or employers needs. Private hobbies has also led to that Per is capable of using a variety of designapps, apps for mechanics/mathematics, enginetuning, music processing, grafical applications, serverenvironment design etc.

**Miscelanneous certificates**

Driving license B ( Car ) + Terrainvehicles

Ocean navigator license incl Radar and VHF-licens

Huntinglicense och weapons permits

Soft blasting permit

Permit for handling and storing explosives

**General References:**

Erik Lundman, Trafikverket

Karl Öhman, YIT,

Johan K Nilsson, JKN Advokatbyrå

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<b>Period</b>	<b>Role</b>	<b>Project</b>	<b>Client</b>
2020-03--	Project manager/technical specialist	Investigation reg quays for commuting boats (early phase. Pre-design, decision-making documents )	Täby kommun
		Stormwater magazine Lilla Essingen ( Technical expert in construction under groundwater level, tender documents )	Stockholm vatten
		Opinion on damage in parkinghouse ( Technical expertice Geocunstruction, road construction. )	Brf i Årsta
		Kv Forskaren, Hagastaden ( Technical expertice in post-tensioning works, advice on constructionmethods and design )	Vectura
		Restoration/replacement of all quays in central Vaxholm ( Early phase, preliminary design, financing analysis, project management, project planning, design management, construction management)	Vaxholms Stad
		Brf Piloten, Norrtälje, subsidence and damage ( Surveying, subsidence investigation, damageinspection, opinion and advice.)	Brf Piloten
		Stockholm Exergi, coolingwater intake Restoration and rebuild of intake construction and pipes. Marine/Submarine construction, project management,design for tender documents	Stockholm Exergi
		Sewage treatment plant, Kapellskär, Inspection Final inspection of concrete and steelworks after rebuilding of sewage treatment plant	Norrtälje kommun
		Stockholm Exergi, Cleaning grille, re-investment analysis for replacement or restoration of clening grille for remote heating plant.	Stockholm Exergi
		Tramway Uppsala, Project support, productionplanning, timescheduling, early phase analysis	Uppsala kommun
2019.09--	Technical expertice	Orminge C, restoration and rebuilding of Cable stayed bridge, Expert support	Nacka kommun
		South East city expansion, Uppsala, production-Planning and scheduling of infrastructure	Uppsala kommun
		Ekerö strand, city expansion, project management support	Ekerö Kommun
2019.09--	Technical expertice	Claims analysis and investigations, Ebbe03	YIT
		Status inspection and opinion on restoration of quay Norrö, ( early phase )	NorröTomtförening

		<b>Concrete testing and report, Cr VI</b>	<b>Vaxholms stad</b>
		<b>Restoration of quay av kaj, Söderöra ( methodstatement and cost appreciation.)</b>	<b>Privat kund</b>
		<b>Restoration of quays in central Vaxholm, Construction management</b>	<b>Vaxholms Stad</b>
		<b>Analysis and advice ( Choice of priorities, budget and scheduling )reg purchase of old house in need of restoration in Enskede- south Stockholm.</b>	<b>Private client</b>
		<b>Expert advice reg corrosion protection staycable bridge, Uddevalla</b>	<b>Swedish transp. authorities, Cowi</b>
		<b>Tuna 6:161, Geosupports – design</b>	<b>Private client</b>
		<b>Söderöra, demolishing of concrete structure</b>	<b>Private client</b>
		<b>Bridge inspection – various</b>	<b>Vaxholms Stad</b>
		<b>Pier inspection Norrberget</b>	<b>Vaxholms stad</b>
		<b>Expanded task, budget work and cost-follow-up System for the clients behalf in the Waxholm quay-project</b>	<b>Vaxholms Stad</b>
2017.09–2019.09	<b>Project Manager</b>	<b>Ebbepark ent 01 &amp; 03</b> The contract consist of design and construction of sheetpiling, excavation, foundation for and construction of a parking house incl technical facilities for the houses to built on top of the construction. About 10'000 m2 construction area and approximately 10'0000 m3 of in situ poured concrete with very high demands on water resistance as the structure is built below ground water level. The works also contains storm water sewage, insulation and various installations.	<b>YIT Totalentreprenad</b>
2016.11 – 2017.08	<b>Project manager</b>	<b>Road bridge over rail tracks at Västberga</b> Deputy project manager during finishing works containing erection of arch bridge composite structure over railway until approved final inspection. The work included planning, purchasing, budget works, quality assurance and technical advice for concreteworks and corrosion protection.	<b>Stockholm Stad Design build</b>
2014 – 2016	<b>Projekt manager</b>	<b>Bromskärs yacht harbour</b> On contract by Bromskärs Hamnförening: Design management, purchasing and construction of a yacht harbour at Bromskär/Yxlan in the northern archipelago of Stockholm The works contained: pre-design. Handling of various permits such as environmental permit, permit for waterworks, necessary documentation and method choices, design for tender documents, purchase of contractors, construction design, project planning, construction management,	<b>Bromskärs Hamnförening/ Norrhälje Kommun</b>

2015-2016	<b>Dep Project manager</b>	<b>Spårväg City</b> The work consisted of leading a consultant group and planning. Representing the client in various meeting forums, technical advice.	<b>TF</b>
2014-2016	<b>Construction management</b>	<b>Rebuilding and restoration of various defenceworks in Stockholm Archipelago</b>	<b>FortF</b>
2013 – 2016	<b>Production-Coordinator and expert</b>	<b>Stockholm bypass – production planning and technical expert in execution of heavy construction works for two part contracts. ( includes preliminary budget works and assistance in applications for permits )</b> <b>Nya Lidingöbron ( railbridge) – Responsible for production planning and budget during development of pre-design and tender documents for the new Lidingö Bridge</b> <b>Restoration of parking house WTC – technical expertise in concrete-restoration and mentorship in construction management.</b> <b>Condition inspections of bridges and other structures.</b> <b>Advice,opinions, inspections and various projects.</b>	<b>Internally within Grontmij/Sweco</b>
2011.09 – 2013.05	<b>Project manager/ Site manager</b>	<b>Junction Rosersberg</b> The project contained design and build of a pedestrian bridge and two highway bridges on E4 over the new junction to Rosersberg including landworks, foundations, sheetpiling, roadworks, stormwater sewage, installations and redirection of trafic.	<b>Trafikverket Design Build</b>
2010.03 – 2011.09	<b>Site manager</b>	<b>OKG Plex Cooling water intake</b> The project included design and construction of rocktunnel for cooling water, intake pond, set seams and intake construction for leading cooling water from a deep hole in Kalmar Sund to the nuclear plant in Oskarshamn. The works includes tunneling under the seabed, dam construction, watertight sheep piling, advanced concrete construction, launching, Marine heavy lifting, deep sea dredging, sub aquatic concrete works, steelworks, landfill etc.	<b>OKG-EON Design Build</b>
2009.03 – 2010.02	<b>Deputy site manager</b>	<b>Väg 73</b> Temporary assistance to existing project organization for construction of 6.5 km highway and 9 post-tensioned bridges while tendering for other contracts.	<b>Trafikverket</b>
2008.04 – 2009.03	<b>Project manager</b>	<b>Liljeholmen Mall</b> The project meant development, design and construction of a mall in central Stockholm on behalf of the owner. A very complex project containing demolition, rock excavation, foundation works, bridgeconstruction, frameworks, interior, installations	<b>CityCon</b>

and connection to surrounding buildings and infrastructure ( subway among others )

2006-02 – 2008-01	<b>Project management/ Legal department</b>	<b>Varios projects within signal systems for railroads.</b> During the period I worked as a bridge between project managers in electric, electronic, computing industry and company lawyers to secure the understanding of different contracting forms and applicable contract laws. ( AB, ABT etc )	<b>Bombardier</b>
2005.08 – 2006.02	<b>Project Manager</b>	<b>Bridge over Örekilsälven</b> The Project contains solutions for temporary constructions and devices for erection of an archbridge including various cable works, rock anchorages and heavy lifting.	<b>NCC</b>
2004.09 – 2006.02	<b>Project manager</b>	<b>Bottniabanan samt Stambanan ( Swedish railroads)</b> Post-tensioning works in four railroad bridges.	<b>PEAB</b>
2001.01 – 2005.06	<b>Site manager</b>	<b>Årstabridge, Stockholm</b> Includes design and execution of post-tensioning works in an 800 m extremely slender railway bridge in central Stockholm.	<b>SKANSKA</b> Sub Contract
2002.10 – 2002.11	<b>Specialist</b>	<b>Pappendorpse Brügge, Utrecht, NL</b> Hired specialist for Stay cable installation.	<b>VSL Intl</b>
2001.01 – 2002.01	<b>Specialist</b>	<b>High Coast Bridge,</b> Investigations on corrossion issues and handling of warranty works.	<b>SKANSKA</b>
1999.10 – 2001.09	<b>Site manager</b>	<b>Kolbäcksbridge, Umeå</b> Design and installation of stay cables for a new road bridge over Ume Älv in central Umeå.	<b>PEAB</b>
1998.01 – 2000.10	<b>Site manager</b>	<b>Uddevallabridge, Uddevalla</b> Includes design and installation of Staycables, friction dampers and all other post-tensioningg related works of the 3:rd biggest bridge in Sweden.	<b>SKANSKA</b>
1995.01 – 1998.01	<b>Foreman/ Site Engineer</b>	<b>Various Projects</b> <b>Sundlink:</b> Lifting cables, Vertical stays, transversal post tensioning, heavy lifting. <b>Wadi Leban Saudi:</b> Technical assistance Staycables <b>Cow tunnels:</b> Launching <b>Forsmark:</b> Loadtesting of stays. <b>Foundation works:</b> Various sheetpiling and rock-, soilstays. <b>Pajala</b> Staycable bridge ( Road ) over Torne älv <b>Piteå</b> Staycable bridge ( Pedestrian ) over Pite älv <b>Luleå:</b> Posttensioning of silo <b>Umeå:</b> Sliding formworks for construction of waste water treatment plant	<b>Various Clients</b>

**Skellefteå:** Restauration and post-tensioning of older steelbridge ( railroad) over Skellefte älv

**Skellefte Harbour:** Ro-Ro quay, stay works.

**Huvudstabridge:** Installation of liftingcables for restoration.

**Stockholm surroundings;** Various bridge joints and bridge bearings, installtion and exchanges.

**Old Årstabridge:** Restauration/reinforcement of foundations in water.

**Mehedeby:** Erection of post-tensioned railway bridge.

**Nya Stocksundsbridge:**Post-tensioning works

**Strängnäsbridge:** Post-tensioning works