

### Description of Services

The following descriptions are designed to assist the layperson in selecting the proper engineering/land surveying services. The descriptions are general and the firms listed on the back page should be contacted for further clarification.

### Environmental (E)

The firm prepares environmental studies/reports and evaluations in conjunction with land development projects and works with the Civil Engineer/Land Surveyor in taking the project through the governmental approval process.

### Hydrology/Hydraulics (HY)

Hydrology/hydraulics typically include the preparation of hydrologic and hydraulic reports, erosion control plans, storm water management plans, analysis and design of storm water BMP's, and flood control facilities. Services might also include more advanced riverside and floodplain management studies.

### Land Development Planning (LD)

Land development engineering firms perform a wide array of services associated with the subdivision of land and the improvements necessary to prepare a site for building. The engineering firm may help prepare a conceptual plan for a development which may include preliminary environmental evaluations, take the project through the governmental approval process, prepare plans for site improvements (i.e. grading, roads, sewer, waterlines, drainage facilities, etc.), surveying, and generally take all steps necessary to subdivide a parcel of land.

### Land Surveying (LS)

Tasks commonly associated with land surveying include boundary surveys to establish property lines, topographic contour maps, laying out the alignment of roads, pipelines, etc. from engineering drawings, and controlling the location and height of grading operations. Many more specialized tasks may be performed by a surveyor. A qualified land surveyor can answer questions regarding land ownership and boundary location and can also advise on the proper course of action.

### Photogrammetric Engineering & Aerial Mapping (PS)

Photogrammetric services include aerial photography, topographic and planimetric mapping, GIS base mapping, digital orthophotos and photogrammetric consulting. Products rendered can be delivered as hard copy plots and /or digitally.

### Planning (P)

The firm prepares a conceptual plan for the development with the Civil Engineer/Land Surveyor in taking the project through governmental approval process. Other typical tasks include General Plan Amendments, zone changes and annexations.

### Sanitary Septic System Design (SA)

Septic system design and engineering deals with the testing and design of on-site subsurface sewage disposal systems in areas where public sewer is not available, typically in the unincorporated areas of the County.

### Soils Engineering (SE)

Soils engineering deals with soil stability and geologic issues. Typical projects include investigations to determine soil characteristics on a building site, slope stability problems, building settlement issues, and quality control for grading projects. Many geotechnical firms also have capabilities to study ground water movement, and other related subsurface issues.

### Structural Design (SD)

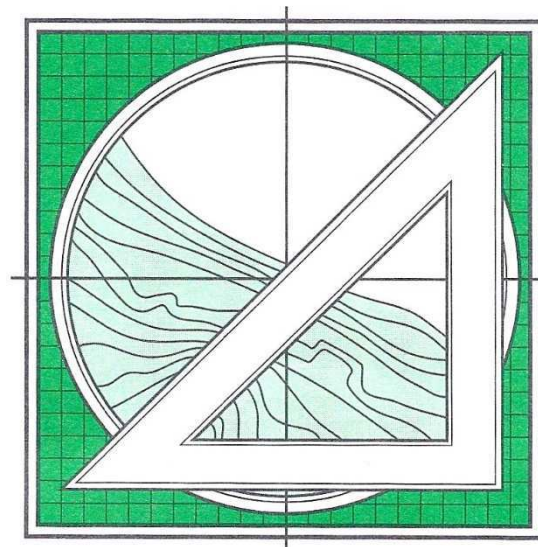
Structural engineering is the analysis and design of structural members or systems to resist gravity and lateral (wind and earthquake) forces. Typical projects include structural calculations and drawings for retaining walls, and all type of buildings, except public schools and public hospitals.

### Traffic Engineering (TE)

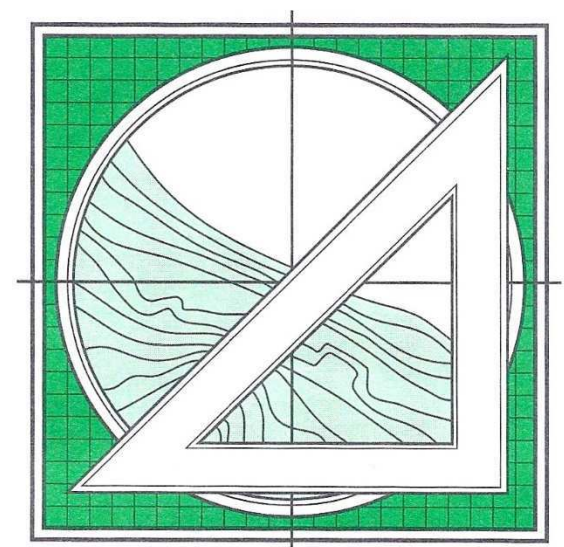
Traffic engineering firms deal with traffic planning. Demographic data is used to predict traffic patterns to determine where new streets are needed, when a street must be widened, where traffic control devices are needed and other similar information.

*For more information or additional brochures write to:*

**NCCE&LSA**  
**PO Box 460401**  
**Escondido, CA 92046-0401**  
or  
email [nce.lsa@gmail.com](mailto:nce.lsa@gmail.com)



*Information also available on our website:*  
**NCCELSA.com**



The North County Civil Engineers and Land Surveyors Association promotes integrity, good faith, just and equitable principles in business, uniformity in professional practices, and representing the business and professional interest of Civil Engineers and Land Surveyors in the City and County legislation throughout Southern California and the local region.

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# North County Civil Engineers And Land Surveyors Association Directory

**NCCE & LSA Membership Listing**

23-Jun-22

**Civil Landworks**

110 Copperwood Way, Ste P  
Oceanside, CA 92058  
760-908-8754 x5  
David Caron, PE  
www.civillandworks.com  
Specialty: LD

**Coastal Land Solutions, Inc.**

577 Second St. PO Box 3152  
Encinitas, CA 92024  
760-230-6025 202  
Sean C. Englert, LS  
www.coastal-land-solutions.com  
Specialty: LD LS PS P HY

**D. K. Greene Consulting, Inc.**

PO Box 143  
Bonsall, CA 92003  
760-525-0264  
Dale Greene, LS  
www.dkgreene.com  
Specialty: LD,LS,SA

**Dan D. Harrison**

Santee, CA 92071-5021

Dan D. Harrison, LS  
dan.harrison@cox.net  
Specialty: LS Retired

**GIS Surveyor's, Inc.**

12120 Tech Center Dr., Suite "D"  
Poway, CA 92064  
858-679-1732  
Paul Loska, LS  
www.gissurveyors.com  
Specialty: LS PS

**Karn Engineering & Surveying**

129 Fig Street (P.O. Box 518)  
Fallbrook, CA 92028  
760-728-1134  
Scott Harry, PE, LS  
www.karnengineering.com  
Specialty: LD LS P SA HY

**Marc Boogay, Consulting Engineer**

1584 Whispering Palm Drive  
Oceanside, CA 92056  
760-212-0012  
Marc Boogay, RCE  
marc@boogay.com  
Specialty: SA, E

**Masson and Associates, Inc**

200 East Washington Avenue, Suite 200  
Escondido, CA 92025  
760-741-3570  
John Thomas, PE  
www.masson-assoc.com  
Specialty: LD LS P

**O'Day Consultants Civil Engineering & Surveying**

2710 Loker Ave. West, Suite 100  
Carlsbad, CA 92010  
760-931-7700  
Patrick N. O'Day, RCE  
pato@odayconsultants.com  
Specialty: LD, LS

**Pasco, Laret, Suiter and Assoc. Inc**

1911 San Diego Ave., Suite 100  
San Diego, CA 92110  
858-259-8212  
Justin Suiter, PE  
www.plsaengineering.com  
Specialty: LD LS P

**Rancho Coastal Engineering and Surveying Inc.**

310 Via Vera Cruz, #205  
San Marcos, CA 92078  
760-510-3152  
Doug Logan, PE  
www.rcesd.com  
Specialty: LD LS HY P SD

**San Dieguito Engineering, Inc.**

1911 Palomar Oaks Way, #200  
Carlsbad, CA 92008  
858-345-1149  
Annie Aguilar, PE  
www.sdeinc.com  
Specialty: LD LS P PS HY

**Saxon Engineering Services, Inc.**

2605 Temple Heights Drive, Suite A  
Oceanside, CA 92056  
949-366-2180  
Kurt Saxon, PE  
kurts@saxonengr.com  
Specialty: LD LS HY

**Shick Land Consulting**

1943 Ainsley Rd  
San Diego, CA 92123  
858-571-3288  
Richard L. Shick, Jr PE  
sdparadise@earthlink.net  
Specialty: LD

**SMS Geotechnical Solutions, Inc.**

5931 Sea Lion Place, Suite 109  
Carlsbad, CA 92010  
760-602-7815  
Mehdi Shariat, PE, GE  
www.smsgeotechnicalSolutions.com  
Specialty: SE

**Spear and Associates, Inc.**

475 Production Street  
San Marcos, CA 92078  
760-736-2040  
Ramon Spear, LS  
www.spearinc.net  
Specialty: LS,LD,HY

**STA Engineering, Inc**

P.O. Box 2636  
Vista, CA 92085  
760-758-8057  
Len Schatzman, RCE  
len\_staeng@cox.net  
Specialty: LD TE

**Szytel Engineering and Surveying, Inc.**

P.O. Box 1588  
Valley Center, CA 92082  
760-741-6979  
Gary Szytel, RCE, PLS  
www.szytel-engineering.com  
Specialty: LD LS

**Teas Land Surveying Inc.**

930 Hubbard Ave.  
Escondido, CA 92027  
760-745-9122  
William Teas LS  
www.teassurvey.com  
Specialty: LS

**The Sea Bright Company**

4322 Sea Bright Place  
Carlsbad, CA 92008  
760-807-9098  
Robert Sukup RCE  
sukup@roadrunner.com  
Specialty: LD

**Tory R. Walker Engineering, Inc.**

122 Civic Center Dr., Ste 206  
Vista, CA 92084  
760-414-9212  
Tory R. Walker PE  
TRWEngineering.com  
Specialty: HY

**Vinje & Middleton Engineering, Inc.**

2450 Auto Park Way  
Escondido, CA 92029  
760-743-1214  
Malcolm Vinje, RCE  
vinje.middleton@sbcglobal.net  
Specialty: SE SA E

**U. C. IacuanIELLO II, Consulting Engineer**

1128 Mulberry Dr  
San Marcos, CA 92069  
760-703-6808  
U.C. IacuanIELLO II, RCE  
ucicrestengrg@att.net  
Specialty: SD Retired

**Wunderlin Engineering Inc.**

P.O. Box 461300  
Escondido, CA 92046  
760-644-2944  
Michael Wunderlin RCE,LS  
wunderlinengineering.com  
Specialty: LD,LS,SA,HY

**Will Rogers & Associates (ASSOC. MEM)**

27315 Valley Center Road, Suite A  
Valley Center, CA 92082  
760-703-9946  
Will Rogers, RLA  
will.rogers@hotmail.com  
Specialty: P

**Wynn Engineering, Inc.**

27315 Valley Center Road  
Valley Center, CA 92082  
760-749-8722  
www.wynnengineering.com  
Specialty: LD LS P SA HY SD