

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)

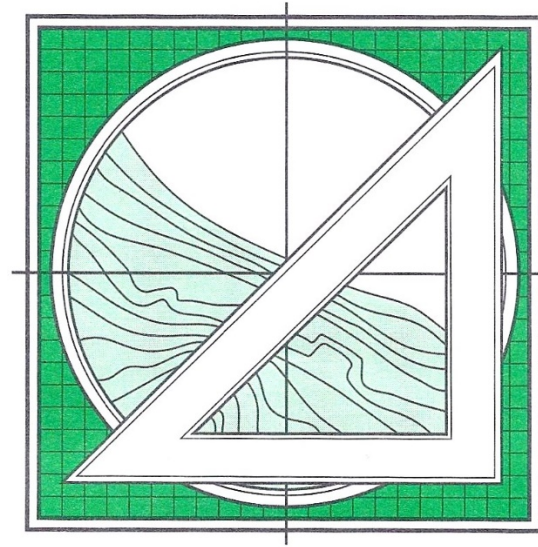
Traffic engineering firms deal with traffic planning. Demographic data is used to predict traffic patterns to determine where new streets are needed, when a street must be widened, where traffic control devices are needed and other similar information.

For more information or additional brochures write to:

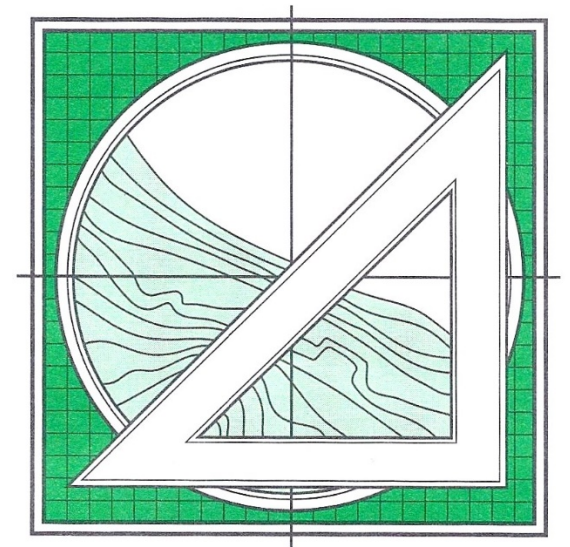
NCC&LSA
PO Box 460401
Escondido, CA 92046-0401
or
email nce.lsa@gmail.com

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

N.C.C.E. & L.S. Association Member Listing

A. J. Surveying
10957 Canis Lane
San Diego, CA, 92126
208-596-0528
Amanda Jones. PLS
a.jones@ajs-us.com
Specialty: LS

Civil Engineering Consulting Services
P.O. Box 2158
Valley Center, CA, 92082
760-271-8261
Marco A. Limon PE
marco@engineeringconsulting.us
Specialty: SD

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.
1010 S. Coast Hwy 101, Ste 103
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
619-449-6033
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

Kier & Wright Escondido
500 La Terraza Blvd, Suite 102
Escondido, CA, 92025
760-640-0265
Casey Lynch, PLS
www.kierwright.com
Specialty: LD LS P SA HY

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

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

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San Dieguito Engineering, Inc.
1911 Palomar Oaks Way, Suite 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

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

Value Engineering
7373 Central Ave.
Lemon Grove, CA, 91945
619-952-7255
Alberto Sandoval, PE
asandoval@value-engineer.org
Specialty: LD, 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. Iacuanello II, Consulting Engineer
1128 Mulberry Dr
San Marcos, CA, 92069
760-703-6808
U.C. Iacuanello 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
Gary Wynn, PE
www.wynnengineering.com
Specialty: LD LS P SA HY SD

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