
OC DEVELOPMENT SERVICES REPORT

ITEM #1

DATE: January 27, 2021

TO: Orange County Planning Commission

FROM: OC Development Services / Permitting

SUBJECT: Public Hearing on PA20-0255 - Certification of Acoustical Consultants for placement on OCPW's 'Certified Acoustical Consultants' list, per Section V-C of the County's Land Use/Noise Compatibility Manual

PROPOSAL: Staff is requesting the Planning Commission approve PA20-0255 and certify the applicants listed herein to be placed on the County's "Certified Acoustical Consultants" list for a period of five (5) years.

**ZONING/
GENERAL
PLAN:** N/A

LOCATION: N/A

APPLICANT: OC Development Services

**STAFF
CONTACT:** Jerry Olivera, Encroachment Permits Manager
(714) 474-3044
Email: Jerry.Olivera@ocpw.ocgov.com

RECOMMENDED ACTION(S):

OC Development Services recommends that the Planning Commission:

- a) Receive staff report and public testimony as appropriate
- b) Find that the proposed Certification of Acoustical Consultants is not a ‘project’ per CEQA Guidelines Section 15378
- c) Find that the subject applicants meet the minimum qualifications as specified in the County’s ‘Land Use/Noise Compatibility Manual’ adopted by the Board of Supervisors Resolution 93-1391
- d) Approve Planning Application PA20-0255 for the certification of the subject applicants for inclusion in the County’s list of “Certified Acoustical Consultants” for a period of five (5) years, subject to the attached Findings and Conditions of Approval.

BACKGROUND:

The County’s ‘Land Use/Noise Compatibility Manual’ is intended to implement the land use/noise compatibility policies and standards of the Noise Element of the County’s General Plan. The Noise Element contains general policies and establishes specific noise standards to guide the manner in which land use/noise compatibility issues are to be addressed by the Development Services Department, Planning Commission, and Zoning Administrator. Section V (‘Acoustical Analysis Reports’) of the Land Use/Noise Compatibility Manual enumerates the qualifications, process for certification, and expiration of certifications of consultants. Within that same section is the requirement that all prospective consultants are to appear before the Planning Commission in which public testimony shall be heard and the Commission shall determine certification or non-certification of the consultant (Attachment #3).

When a project is submitted to the County for approval or issuance of permits, an Initial Study is performed by the Planning division. The Initial Study will determine the degree of environmental analysis required (Categorical Exemption, Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report). A project must have an environmental clearance before any discretionary permit are issued for the project. If the project is located near major noise impact areas or has the potential to create excessive noise levels (either directly or indirectly), the applicant may be requested to submit an acoustical analysis, as part of the overall environmental analysis, which illustrates the feasibility and potential types of measures required to achieve compliance with noise standards. This acoustical analysis report must be prepared by a qualified acoustical consultant to ensure the report is prepared by competent individuals who have an education and/or background in acoustical engineering and that the report is prepared in conformance with accepted industry standards.

Since July 1, 1986, the County began to only accept the work of County-certified acoustical consultants as a prerequisite to acceptance of acoustical analysis reports created pursuant to noise

compatibility conditions of approval/mitigation measures. To become a County-certified acoustical consultant, applicants must meet a set of minimum qualifications, as established in the County's Land Use/Noise Compatibility manual and be certified by the Planning Commission in accordance with the procedures stated therein.

DISCUSSION/ANALYSIS:

The County periodically certifies/re-certifies individuals to be listed on the "Certified Acoustical Consultants" list, as certifications are only valid for a period of five (5) years. The current list of certified consultants is scheduled to expire at the end of February 2021 and a new consultant list must now be certified. A qualifications/information memo soliciting applications from interested and qualified consultants was posted on the OC Development Services webpage (Attachment #4) on October 29, 2020. Additionally, staff reached out to all the individuals listed on the most recent certified list and subsequently discovered that some of the information listed is obsolete and other consultants were not interested in being re-certified. Of the sixteen (16) consultants contacted from the most recent list, the County received applications from a total of four (4) qualified applicants. Consultants submitting applications include:

- Robert Kahn, P.E. – RK Engineering Group
- Fred Greve, P.E. – Greve & Associates, LLC
- Bill Lawson, P.E., INCE – Urban Crossroads, Inc.
- Paul Dunholter, P.E. – BridgeNet International

Consultants who submitted applications were required to demonstrate minimum professional qualifications, including having obtained a degree in engineering, physics, or a closely related field, and at least four (4) years of acoustical engineering experience, or an equivalent combination of education and relevant experience. Additionally, applicants are required to be Licensed Engineers in the State of California and have previously passed the Institute of Noise Control Engineering (INCE) professional examination, demonstrating professional competency in noise control engineering. A summary application package for each individual applicant is included as Attachment #5 and the County Building Official's recommendation letters for applicants is included as Attachment #6.

If the Planning Commission determines any or all of the four (4) consultants proposed should be certified, the consultant's name(s) shall be placed on the County's "Certified Acoustical Consultants" list, authorizing them to conduct and prepare acoustical studies and provide professional expertise on any projects submitted to the County requiring such studies or expertise. A draft copy of the County's Certified Acoustical Consultants List is included as Attachment #7. A 'certification year' is defined to start on March 1 and end on the last day of February and individual certifications will be valid for a period of five (5) years. Per the process outlined in the Land Use/Noise Compatibility manual, recertification hearings are to be scheduled before the Planning Commission in January only.

REFERRAL FOR COMMENT AND PUBLIC NOTICE:

Consultant applications were thoroughly reviewed by the County's Building Official for compliance with the enumerated qualifications described in the Land Use/Noise Compatibility manual and the Building Official has determined that all applicants were eminently qualified to be recommended for certification.

Public notices were provided to all applicants, as well as being posted in the Orange County Hall of Administration at 333 W. Santa Ana Boulevard, in the lobby at the County Administration South (CAS) building located at 601 N. Ross St., and published in the Orange County Reporter at least ten days prior to this public hearing, as required by established public hearing posting procedures.

CEQA COMPLIANCE:

This action is not a project within the meaning of CEQA Guidelines Section 15378 and is therefore not subject to CEQA, since it does not have the potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment.

CONCLUSION:

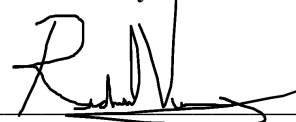
Staff has determined that all applicants meet or exceed the minimum required qualifications for certification and eligibility to be placed on the County's Certified Acoustical Consultants list and recommends that all applicants be certified and subsequently be placed on that list.

Submitted by:



Laree Alonso, Division Manager
Manager, OC Development Services

Concurred by:



Richard Vuong, Interim Deputy Director
OC Development Services/Permitting

ATTACHMENTS:

1. Recommended Findings
2. Recommended Conditions of Approval
3. Relevant sections of the County of Orange Land Use/Noise Compatibility Manual
4. Process & Qualifications for County Certification of Acoustical Consultants (Unincorporated Orange County)
5. Summary application package for individual applicants
6. County Building Official's Recommendation Letters Certification for individual applicants
7. Draft County Certified Acoustical Consultants List effective March 1, 2021

APPEAL PROCEDURE:

Any interested person may appeal the decision of the Planning Commission on this permit to the Orange County Board of Supervisors within 15 calendar days of the decision upon submittal of required documents and a fee of \$500 filed at the County Service Center, 601 N Ross St., Santa Ana. If you challenge the action taken on this proposal in court, you may be limited to raising only those issues you or someone else raised at the public hearing described in this report, or in written correspondence delivered to OC Development Services / Permitting Division.

ATTACHMENT 1

RECOMMENDED FINDINGS



Attachment 1
Findings
PA20-0255

1 [AA01]

GENERAL PLAN

PA20-0255

That the use or project proposed is consistent with the objectives, policies, and general land uses and programs specified in the General Plan adopted pursuant to the State Planning and Zoning Law.

2 [AA04]

GENERAL WELFARE

PA20-0255

That the application will not result in conditions or circumstances contrary to the public health and safety and the general welfare.

3

NOT A PROJECT UNDER CEQA PA20-0255 (Custom)

That the proposed action is not considered a project under CEQA pursuant to California Code of Regulations Title 14, Section 15378(b) and Public Resources Code Section 21065

ATTACHMENT 2

RECOMMENDED CONDITIONS OF APPROVAL



Attachment 2
Conditions of Approval
PA20-0255

1 BASIC/TIME LIMIT PA20-0255

The certification granted by this action is valid for a period of five (5) years commencing on March 1, 2021 through February 28, 2026. Any individuals who wish to be certified beyond February 2026 must apply for recertification.

2 BASIC/COMPLIANCE PA20-0255

Failure to abide by and faithfully comply with any and all conditions attached to this approving action shall constitute grounds for the revocation of said action by the Orange County Planning Commission.

3 INDEMNIFICATION PA20-0255

Applicant shall, at its own expense, defend, indemnify and hold harmless the County of Orange, its officers, agents and employees from any claim, action or proceeding against the County, its officers, agents or employees to attack, set aside, void, or annul any approval of the application or related decision, or the adoption of any environmental documents, findings or other environmental determination, by the County of Orange, its Board of Supervisors, Planning Commission, Zoning Administrator, Subdivision Committee, Director of OC Public Works, or Deputy Director of OC Development Services concerning this application. The County may, at its sole discretion, participate in the defense of any action, at the applicant's expense, but such participation shall not relieve applicant of his/her obligations under this condition. Applicant shall reimburse the County for any court costs and attorney's fees that the County may be required to pay as a result of such action. If litigation is filed challenging the Project, the County may, at its sole discretion, require the Applicant to post a bond, enter into an escrow agreement, obtain an irrevocable letter of credit from a qualified financial institution, or provide other security, to the satisfaction of the County, in anticipation of litigation and possible attorney's fee awards. The County shall promptly notify the applicant of any such claim, action or proceeding.

4 MAINTENANCE OF QUALIFICATIONS PA20-0255

All individuals certified under this action shall maintain all licenses, external certifications, and documentation required by the County of Orange for the duration of this certification period. If any required licenses, external certifications, or documentation lapses, becomes invalid, or is revoked, County certification shall expire as of the date of the lapse, invalidity, or revocation.

ATTACHMENT 3

RELEVANT SECTIONS OF THE COUNTY LAND USE/NOISE COMPATIBILITY MANUAL

QUALIFICATIONS FOR COUNTY CERTIFICATION OF ACOUSTICAL CONSULTANTS

(Unincorporated Orange County)

A. Qualifications

- (1) Acoustical consultants, desiring County certification to supervise the preparation of evidence of compliance with Conditions of approval pursuant to Board of Supervisors Resolution 84-1376, must submit his/her request for certification to the Manager, Building Permits Division along with a resume including references and/or exhibits of his/her previous experience in the field of Acoustics for County's review.

- (2) Minimum Professional Qualifications for acoustical consultants

Either I: A degree in engineering, physics or a closely related field, and four (4) years acoustical engineering experience;

OR II: An equivalent combination of education and relevant experience as determined by the Director, PDSD;

AND

Either A: Is a Registered Engineer in the State of California;

OR B: Has passed the Institute of Noise Control Engineering (INCE) professional examination.

B. Certification Process

Acoustical consultants desiring County Certification shall adhere to and be certified by the following process:

1. The acoustical consultant shall submit evidence to the Manager, Building Permits Division of the Planning and Development Services Department, County of Orange which demonstrates compliance with the above stated minimum qualifications. This includes submission of the following items:
 - (a) Evidence of being a Registered Engineer in the State of California of having passed the INCE professional exam.
 - (b) Evidence of educational background and pertinent acoustical engineering qualification.
 - (c) A sample Acoustical Analysis Report which illustrates working knowledge of County requirements, including compliance with the Land Use/Noise Compatibility Manual Standards.

- (d) Written intent to provide acoustical consultation for the unincorporated County territory.
2. The acoustical consultant must include payment of a non-refundable fee of current amount for the processing of the application.
3. Upon review and determination by the Manager, Building Permits Division, that the minimum qualifications have been satisfied, the applicant will be recommended for certification to the Orange County Planning Commission. However, if such review indicates non-satisfaction of the minimum qualifications, the Manager, Environmental Analysis Division shall notify the applicant in writing of his determination and indicate the right to, and process of, appeal.
4. The acoustical consultant will be scheduled for an appearance before the Orange County Planning Commission in which public testimony shall be heard and the Commission shall determine certification or non-certification of the consultant.
5. Upon certification by the Planning Commission, the name of the acoustical consultant shall be placed on the County's "Certified Acoustical Consultants" list.

C. Expiration

Certification shall be valid for a period of five (5) years. A 'certification' year is defined to start on March 1 and end on the last day of February. The period of validity extends automatically to include the month of February following the nominal expiration date. Henceforth, PDSD will schedule rectification hearings at the Planning Commission in January only. It is the Acoustical Consultant's responsibility to notify PDSD of intent to be re-certified prior to the end of its nominal expiration year, accompanied by a payment of the current rectification fee.

D. Appeals

Any appeal regarding the Director's determination as to satisfaction of minimum qualifications shall be submitted to the Planning Commission for decision. The Commission's decision on such appeal, or on its certification of acoustical consultants, may in turn be appealed to the Board of Supervisors whose decision shall be final.

ATTACHMENT 4

PROCESS AND QUALIFICATIONS FOR COUNTY CERTIFICATION OF ACOUSTICAL CONSULTANTS



County Administration South
601 North Ross Street
Santa Ana, CA 92701

P.O. Box 4048
Santa Ana, CA 92702

(714) 667-8800

info@ocpw.ocgov.com

OCPublicWorks.com



Administrative
Services



OC Development
Services



OC Facilities Design
& Construction
Management



OC Facilities
Maintenance
& CUF



OC Fleet Services



OC Construction



OC Environmental
Resources



OC Operations &
Maintenance



OC Infrastructure
Programs



OC Survey



PROCESS & QUALIFICATIONS FOR COUNTY CERTIFICATION OF ACOUSTICAL CONSULTANTS (Unincorporated Orange County)

The following document identifies the minimum qualifications and process for applicants desiring County certification as a Certified Acoustical Consultant. Applications for the 2021-2026 Certified Acoustical Consultant list must be submitted by **November 13, 2020; 11:59 PM**. All applications requesting certification are to be submitted through myOCeServices.ocgov.com.*

(Referenced manual: Land Use/Noise Compatibility Manual, Section V-C, Exhibit V-9)

A. Qualifications

1. Acoustical consultants, desiring County certification to supervise the preparation of evidence of compliance with Conditions of approval pursuant to Board of Supervisors Resolution 84-1376, must submit their request for certification to the Manager, Building & Safety Division along with a resume including references and/or exhibits of their previous experience in the field of Acoustics for County's review.

2. Minimum Professional Qualifications for acoustical consultants

Either I: A degree in engineering, physics or a closely related field, and four (4) years acoustical engineering experience;

OR II: An equivalent combination of education and relevant experience as determined by the Director, OC Public Works (OCPW) and or designee (i.e. Deputy Director, OC Development Services)

AND

Either A: Is a Registered Engineer in the State of California;

OR B: Has passed the Institute of Noise Control Engineering (INCE) professional examination.

B. Certification Process

All applications requesting certification are to be submitted through myOCeServices.ocgov.com.*

Acoustical consultants desiring County Certification shall adhere to and be certified by the following process:

1. The acoustical consultant shall submit evidence to the Manager, Building & Safety Division of OCPW/OC Development Services, which demonstrates compliance with the above stated minimum qualifications. This includes submission of the following items:
 - (a) Evidence of being a Registered Engineer in the State of California of having passed the INCE professional exam.
 - (b) Evidence of educational background and pertinent acoustical engineering qualification.

- (c) A sample Acoustical Analysis Report which illustrates working knowledge of County requirements, including compliance with the Land Use/Noise Compatibility Manual Standards.
- (d) Written intent to provide acoustical consultation for the unincorporated County territory.
- 2. The acoustical consultant must include payment of a non-refundable fee of current amount for the processing of the application.
- 3. Upon review and determination by the Manager, Building & Safety Division, that the minimum qualifications have been satisfied, the applicant will be recommended for certification to the Orange County Planning Commission. However, if such review indicates non-satisfaction of the minimum qualifications, the Manager, Permitting Division shall notify the applicant in writing of their determination and indicate the right to, and process of, appeal.
- 4. The acoustical consultant will be scheduled for an appearance before the Orange County Planning Commission in which public testimony shall be heard and the Commission shall determine certification or non-certification of the consultant.
- 5. Upon certification by the Planning Commission, the name of the acoustical consultant shall be placed on the County's "Certified Acoustical Consultants" list.

C. Expiration

Certification shall be valid for a period of five (5) years. A 'certification' year is defined to start on March 1 and end on the last day of February. The period of validity extends automatically to include the month of February following the nominal expiration date. Henceforth, OCPW/OC Development Services will schedule rectification hearings at the Planning Commission in January only. It is the Acoustical Consultant's responsibility to notify OCPW/OC Development Services of intent to be re-certified prior to the end of its nominal expiration year, accompanied by a payment of the current recertification fee.

D. Appeals

Any appeal regarding the Director and or designee's determination as to satisfaction of minimum qualifications shall be submitted to the Planning Commission for decision. The Commission's decision on such appeal, or on its certification of acoustical consultants, may in turn be appealed to the Board of Supervisors whose decision shall be final.

***Instructions on how to apply on MyOCeServices (New Certification Request)**

You must use Google CHROME as your browser

- Create an account at myOCeServices.ocgov.com
- Select Dashboard
- Click on Permit Applications on the left-hand side
- Select New
 - Step One select "Private Property Permits"
 - Step Two select "Miscellaneous"
 - Step Three select "Acoustical Consultant Certification"
- Follow the remaining steps until the application is submitted.
- If you have any questions, please call (714) 667-8888 and/or email us at ocpcustomer@ocpw.ocgov.com.

ATTACHMENT 5

SUMMARY APPLICATION PACKAGE FOR INDIVIDUAL APPLICANTS

October 30, 2020

Mr. Jerry Olivera
OCPW – ORANGE COUNTY PUBLIC WORKS

Subject: Orange County Acoustical Consultant Certification

Dear Mr. Olivera,

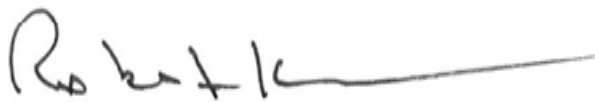
My name is Robert Kahn, PE, and I am currently a Certified Orange County Acoustical Consultant. I have been a practicing Acoustical consultant for over 35 years. I have prepared hundreds of acoustical reports throughout Southern California. I have attached a copy of a recent report which I prepared in the unincorporated area of Orange County.

I have bachelor's and master's degrees in Civil Engineering from the University of California, Berkeley. I am also a Registered Civil Engineer (RCE No. 20285) in the State of California. I have been active in the field of acoustical engineering for several years and I am the Founding Principal of RK Engineering Group, Inc. located in Newport Beach, California.

I would request that you accept my application as an Orange County Acoustical Consultant based upon my previous experience in the field, and the fact that I am currently a Certified Acoustical Consultant in the County of Orange. My experience includes the preparation of acoustical calculations, field measurements and both preliminary and final acoustical reports.

I appreciate this opportunity to renew my Orange County Acoustical Certification. Please let me know where I need to submit my registration fees. If you need any additional information, please call me directly at (949) 293-9639.

Sincerely,



Robert Kahn, P.E.
Founding Principal

Registered Civil Engineer 20285
Registered Traffic Engineer 0555

rk16288.doc





Greve & Associates, LLC

2915 Calle Frontera, San Clemente, CA 92673
949-466-2967 fred@greveandassociates.com

November 2, 2020

Orange County Public Works

601 North Ross Street
Santa Ana, CA 92701

Subject: Application for County Certification Acoustical Consultant

Dear Review Committee:

I am applying to be re-certified as an Orange County Acoustical Consultant. The following are my qualifying credentials:

- I have been certified by the County since the program was initiated.
- I have engineering degrees from the University of California, Irvine including a B.S. in Civil and Environmental Engineering and a M.S. in Environmental Engineering
- I am a Registered Engineer in the State of California; License Civil 31701
- I have been preparing noise studies in the County of Orange since 1980.

Attached is my resume and a company summary. Please let me know if you need additional information.

Sincerely,

Greve & Associates, LLC

Fred Greve, P.E.
Owner/Manager



FRED GREVE, P.E.
OWNER, GREVE & ASSOCIATES, LLC

Mr. Greve has over thirty years experience in all fields of noise assessment and air quality management. Principal experience includes noise and air quality assessment for traffic networks, airports, transportation corridors, and planned communities on the local, state, federal and industrial level. This experience includes legislative monitoring of air and noise regulations, development of ambient air monitoring facilities, and management of aircraft noise monitoring networks. Greenhouse house gas assessments and monitoring of climate change regulations are capabilities that have recently grown out of his work for over 30 years in the air management arena.

Mr. Greve, along with Vince Mestre, established Mestre Greve Associates in 1981. In March 2009, Mestre Greve Associates was purchased by Landrum & Brown, Inc., an aviation-planning firm headquartered in Cincinnati, Ohio. In April 2015, Mr. Greve left Landrum & Brown to set up his own firm. Greve & Associates, LLC continues to provide quality service in the areas of noise analysis and air quality assessments.

REPRESENTATIVE EXPERIENCE

Principal in Charge for over 500 air quality studies ranging from small developments to master planned communities. Air quality studies have also included a wide range of transportation projects across the United States for roadways, freeways, and airports. Mr. Greve has been at the forefront in conducting greenhouse gas studies (over 35 studies completed as of January 2016) and monitoring greenhouse gas guidelines and regulations.

Principal in Charge of the development of Noise Elements for the Cities of Dana Point, Inglewood, Irvine, Beaumont, Stanton, Rialto, Fountain Valley, Solvang, and Palm Springs. Principal in Charge of updates to the Noise Elements for the Cities of Rancho Cucamonga, Santa Clarita, Glendale, Santee, and the County of Monterey.

Principal in Charge of the technical noise and air quality assessment reports for the following recent EIR projects: Planning Areas 18 and 39 General Plan Amendment and Zone Change, City of Irvine; Perris Ridge Commerce Center, City of Perris; Ontario Gateway Specific Plan, City of Ontario, CA;

Principal in Charge of the noise and air quality assessments for the proposed Foothill Transportation Corridor-South EIS/SEIR project. This study includes the analysis of various alternatives proposed by the Transportation Corridor Agencies.

Principal in charge for the noise and air assessments for the proposed Freeway Route 125 in San Diego County, Arizona Route 93, the San Joaquin Hills Transportation Corridor in Orange County, and numerous freeway interchange projects.

Principal in charge of the air quality assessments for the Eastern Transportation Corridor, HOV Lane Additions to the Orange Freeway and the Riverside Freeway.

Principal in charge for the noise assessments for the Culver Drive Realignment and Widening in Irvine, the I-5/I-405 Freeway Confluence Zone in Orange County, the I-405 Freeway Design Alternatives Study, Route 178 in Bakersfield, Foothill Transportation Corridor, widening of Imperial Highway, and the Moulton Parkway Super Street in South Orange County.

Project Manager for many industrial noise projects including the Coyote Canyon Gas to Energy Plant, the Spadra Landfill Gas to Energy Plant, Anaheim Power Generation Plant, the expansion of the San Clemente Wastewater Treatment Plant, and expansion of the SERRA Treatment Plant in Dana Point.

Project Manager for air quality assessments for regional planning efforts implemented by the City of Irvine and the planned communities of Aliso Viejo and Laguna Niguel. Projects included coordination with local Air Quality Management Plan (AQMP) efforts.

EDUCATION

M.S., Environmental Engineering, 1975, University of California, Irvine

B.S., Civil and Environmental Engineering, 1973, UCI

B.S., Biological Science, 1973, University of California, Irvine

PROFESSIONAL REGISTRATION

Registered Professional Engineer, 1981, Civil Engineering, California, No. C 31701

Certified Acoustical Consultant, County of Orange

Association of Environmental Professionals

Member of Engineers Without Borders

Registered Private Pilot

Santa Fe County Traffic Advisory Committee



Greve & Associates, LLC

Services

Greve & Associates provides services to a variety of clients including developers, architects, environmental consultants, commercial and industrial firms, and local government entities. Fred Greve, the founder of Greve & Associates, has over 30 years of experience as a Professional Engineer specializing in noise control, air quality, and greenhouse gas studies. We are proud to offer the following services.

Acoustic/Noise Studies for Developers and Architects - Noise studies that address requirements imposed by City or County jurisdictions are prepared on a regular basis. Most commonly these studies address indoor and outdoor noise standards for projects that are located near major roadways, railroads, airports, or other major sources of noise. Other studies commonly performed for developers and architects include partition analysis for multi-family developments to insure that the walls and floors separating living units will adequately stop noise. Air conditioning units, emergency generators, and pool equipment are other sources of noise associated with new projects that may need to be addressed.

Noise, Air, and Greenhouse Gas Assessments - The California Environmental Quality Act (CEQA) and other environmental laws commonly require noise, air quality, and greenhouse gas impact assessments for new projects. Projects that are assessed run the entire gambit from small residential developments to new master planned communities. Specialty projects such as new factories, commercial centers, amphitheaters, and amusement parks are examples of projects that have also been evaluated.

Noise Compliance Studies for Commercial and Industrial Sites - Compliance with the local Noise Ordinance can be a critical issue for many projects. Both future projects and projects currently in operation are evaluated. Operations that commonly require Noise Ordinance compliance studies include commercial centers, automotive facilities, bars, restaurants, cell phone facilities, and factories.

Services for Cities, Counties, and Government Agencies - The services provided to local jurisdictions vary widely and our broad experience let us tackle any issue in the areas of noise, air quality, and greenhouse gas. Peer reviews, noise compliance

measurements, Noise Elements of the General Plan, development of Noise Ordinances, and Climate Action Plans are just some of the services provided to Cities and Counties.

Company Profile and Goals

Greve & Associates is an engineering firm specializing in noise, air quality, and greenhouse gas studies. The firm was founded by Fred Greve, who is a Professional Engineer in the State of California with over 30 years of experience in these fields. The company provides services to developer, architects, environmental firms, businesses, and government agencies in California and the Southwest. The firm is incorporated in the State of New Mexico and carries the usual spectrum of insurance required in today's business environment. Since much of the firm's work is in Southern California, an office is maintained in San Clemente, California. An office is also maintained in Santa Fe, New Mexico, which handles contract administration and easy access to projects in the Southwest. Our goal is always to provide professional services, at a fair price, and on a schedule that suits your needs.

Past Experience

Available on request, and customized to your needs.

Contact Info

In this day and age, the best method of contact is often via email at fred@greveandassociates.com. However, it is always enjoyable to talk directly with clients and Fred Greve can be reached at 949-466-2967.

Our local SoCal mailing address is:

Greve & Associates
2915 Calle Frontera
San Clemente, CA 92673

Our billing and contracts are handled in our Santa Fe office at:

Greve & Associates
1000 Cordova Place, Suite 13
Santa Fe, NM 87505

November 7, 2020

Mr. Jerry Olivera
OC Public Works
601 N Ross Street
Santa Ana, CA 92701

SUBJECT: ACOUSTICAL CONSULTANT CERTIFICATION

Dear Mr. Jerry Olivera:

I am pleased to provide this request for Acoustical Consultant Certification to the County of Orange. The purpose of this letter is to demonstrate that I satisfy all the requirements for certification detailed in Exhibit V-9 of the Land Use/Noise Compatibility Manual and Resolution 84-1376. In compliance with Certification Process, I have attached the following items.

- A summary of my professional certification/registrations including, Professional Engineering Registration (TR 2537) and Institute of Noise Control Engineering (INCE) Membership.
- Summary of education background that includes a Master's Degree in Civic and Environmental Engineering and a Bachelor's Degree in City and Regional Planning from Cal Poly San Luis Obispo.
- A sample noise study illustrating a working knowledge of County requirements including compliance with the Land Use/Noise Compatibility Manual Standards.
- Written intent to provide acoustical consultation for the unincorporated County territory.

Since 2000, my firm Urban Crossroads, Inc. (www.urbanxroads.com) has prepared thousands of noise study reports throughout Southern California. In addition, we utilize "state of the art" CadnaA computer modeling tools to predict and assess community noise impacts. CadnaA, is capable of implementing the Traffic Noise Model (TNM) protocol, analyzing the noise level of multiple types of noise sources, and combining the results into a comprehensive noise contour map. I have a strong technical background in the application and development of traffic noise prediction models. We utilize the latest noise modeling tools and have developed several proprietary tools using accepted highway noise policies including the FHWA-RD-77-108 methodology currently used by the County of Orange. Should you require additional information please contact me at (949) 584-3148.

Respectfully submitted,

URBAN CROSSROADS, INC.



Bill Lawson, P.E., INCE
Principal



ATTACHMENT A:

PROFESSIONAL REGISTRATIONS



BOARD FOR PROFESSIONAL ENGINEERS, LAND SURVEYORS, AND GEOLOGISTS

2535 Capitol Oaks Drive, Suite 300, Sacramento, California, 95833-2944

Telephone: (916) 263-2222 – Toll Free: 1-866-780-5370

Facsimile: (916) 263-2246

www.bpelsg.ca.gov

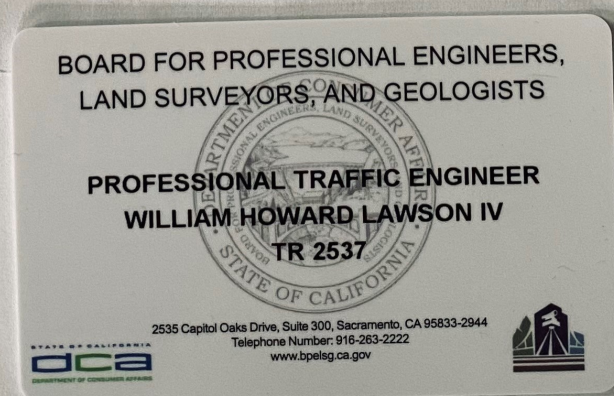


WILLIAM HOWARD LAWSON

LADERA RANCH CA 92694

August 24, 2016

Here is your new plastic ID pocket card! The card can be used as proof of licensure. It does not replace your paper pocket certificate or your wall certificate. Each licensee will receive one card. It does not include an expiration date. It is your responsibility to verify your expiration date and renew your license on time. If your card is lost, destroyed, or damaged please contact: Linda Liu at (916) 263-2232 or at Plastic.Cards@dca.ca.gov. Please take a moment to sign up for our email subscriber list to get notifications about Board activities, meeting notices, publications, notices of proposed legislation and regulatory actions: <https://www.dca.ca.gov/webapps/bpelsg/subscribe.php>





Joseph M. Cuschieri, INCE *President*
Lockheed Martin – Perry Technologies
100 East 17th Street
Riviera Beach, FL 33404
Tel: 561-494-2557 FAX: 561-842-5303

William H. Lawson IV
Urban Crossroads, Inc.
41 Corporate Park, Suite 300
Irvine, CA 92606

March 31, 2004

Dear Mr. Lawson:

I am pleased to inform you that your application for INCE Membership has been reviewed and approved. On behalf of the Institute, I sincerely welcome you and look forward to your contributions to INCE in the years ahead. I am sure that you will find the INCE publications and activities to be of great benefit in your professional work.

I hope that you will consider participation in the full range of INCE activities, especially INCE technical activities. Your volunteer participation will not only be an important part of your professional development; it is essential to the continued success of the Institute.

The INCE Membership Secretariat has changed your status from INCE Associate to full INCE Member and you are entitled to use the designation INCE on your professional cards and stationery. No other designations are authorized. Your membership certificate will be mailed to you as soon as it is engraved.

If you so desire, you may become a Board-Certified Member of INCE. For eligibility requirements, etc., please write to the Membership Secretariat.

Again, congratulations and welcome.

Cordially,

A handwritten signature in blue ink, appearing to read 'JC', is placed below the word 'Cordially,'.

Joseph Cuschieri
INCE President 2004

PC: Greg Tocci, INCE Vice President-Membership

ATTACHMENT B:

EDUCATIONAL BACKGROUND/RESUME

> **BILL LAWSON**, P.E., INCE

PRINCIPAL, URBAN CROSSROADS, INC.
blawson@urbanxroads.com

BACKGROUND

Bill Lawson is a founding principal partner, a Registered Professional Traffic Engineer and a Certified Acoustical Consultant. Mr. Lawson maintains a wide range of technical expertise that includes transportation planning, traffic engineering, neighborhood traffic control, and noise impact analysis. Mr. Lawson has over 25 years of community noise experience and has personally prepared and directed the development of well over 2,000 noise study reports throughout Southern California. His work as a noise consultant focuses on helping communities identify and control noise impacts by developing meaningful solutions to complex noise issues.

EDUCATION

M.S. - Civil and Environmental Engineering
California Polytechnic State University, San Luis Obispo
• 1993

B.S. - City and Regional Planning
California Polytechnic State University, San Luis Obispo • 1992

REGISTRATIONS

PE Registered Professional Traffic Engineer – TR 2537 • 2009
AICP American Institute of Certified Planners – 013011 • 1997–2012
PTP Professional Transportation Planner • 2007–2013
INCE Institute of Noise Control Engineering • 2004

AFFILIATIONS

ASA Acoustical Society of America
APA American Planning Association
ITE Institute of Transportation Engineers

CERTIFICATIONS

Certified Acoustical Consultant
Orange County • February 2011
San Diego County • March 2018

SELECTED PROJECT EXPERIENCE

Contract City Traffic Engineer – Rancho Santa Margarita
July 2010 – Present

Cathedral City General Plan Update Noise and Vibration Impact Analysis

Cathedral City, April 2019

Canyon Springs Healthcare, Noise Impact Analysis

City of Riverside, June 2017

CVWD CR6 Water Treatment Noise Analysis

County of Riverside, February 2016

U.S. Gypsum Expansion Noise Assessment

County of Imperial, December 2018

Metro UCLA Subway Station (Peer Review)

City of Los Angeles, September 2019

Desert Wave Noise Impact Analysis

Palm Desert, March 2019

Travertine at La Quinta Noise Impact Analysis

City of La Quinta, January 2018

Well Field 3A Nitrate Treatment Project Focused Construction Noise Analysis and Mitigation Plan

City of Rancho Cucamonga • November 2018

Elder Creek Channel Improvements Noise Analysis

City of Highland • July 2018

SGVWC Plant Construction Noise Monitoring

El Monte • July 2017 - Present

State Route 79 Widening NSR (Caltrans)

Riverside County • December 2018

Reservoir 3A Noise Impact Analysis

City of Rancho Cucamonga • October 2018

Gilman Spring Mine Noise Impact Analysis

County of Riverside, November 2019

CV LINK Noise Impact Analysis

Coachella Valley, County of Riverside, December 2016



20201 SW Birch Street, Suite 250
Newport Beach, CA 92660
P: 949-250-1222
F: 949-250-1225

November 12, 2020

OC Public Works
Manager, Building & Safety Division
P. O. Box 4048
Santa Ana, CA 92702-4048

RE: Qualifications for County Certification of Acoustical Consultants

To whom it may concern:

Please find enclosed my resume, with qualifications, a recent Acoustical Analysis Report for a project within Unincorporated Orange County.

It is my intent to continue to provide acoustical consultation for the unincorporated County territory.

Best regards,

Paul Dunholter

BridgeNet International | A Tetra Tech Company
Paul Dunholter | President
T: 949.250.1222 x22 | F: 949.250.1225



Paul Dunholter, P.E.
Program Manager, Environmental Expert

As BridgeNet's company founder and a respected leader in the industry, Paul has a long and successful history in acoustic consulting and air traffic analysis. Paul continues to lead BridgeNet in developing innovative solutions for air traffic and airports through software analysis and communication tools. His ability to translate complex technical issues to common language is evidenced by his successful management of dozens of airport and air traffic projects and software applications in use today at airports around the world. In 2012, he won the Aviation Week & Space Technology Innovation Challenge in the Software Category for his 3D software, Volans. Since 2007, Paul has directly provided support services to the FAA NextGen and Metroplex offices, the support services include generating 3D animations and benefits analysis of NextGen projects, success stories, and milestones. Paul has produced many Federal Part 150 studies and California Title 21 quarterly noise monitoring reports, and has in-depth knowledge of AEDT.

Education:

B.S., Civil Engineering, University of California, Irvine, 1998

Registrations/Certifications:

Professional Civil Engineer,
California, No. C48998
Nevada, No. N2865

Professional Affiliations:

Airports Council International
American Association of Airport Executives
Acoustical Society of America
Certified Acoustical Consultant,
Orange County, California

Office: Newport Beach, California

Years of Experience: 43

Years w/BridgeNet/TetraTech: 20

EXPERIENCE

Los Angeles International Airport (2016 – present).

Mr. Dunholter assisted in the development and deployment of the Camera and Noise Monitoring Terminal System that monitors aircraft run up activity, allowing the public to view run ups and associated activity. Since the inception of BridgeNet in 1999, Mr. Dunholter has been an advisor to the LAX noise office in many roles, providing professional advice for the office, as well as assisting in mining data from their noise monitoring systems, from the office's original system to its current ANOMS. Paul also provided support on the Los Angeles World Airports noise portal for Los Angeles International and Van Nuys Airports. In this role, he provided project oversight and guidance for the BridgeNet team on developing PowerBI reports as well as nine videos showing aircraft activity at LAX and VNY.

Jackson Hole Airport On Call Acoustic Services (1983 – present). Mr. Dunholter has led our work in support of Jackson Hole Airport for over 30 years related to aircraft noise, compliance reporting, noise abatement, flight procedure development, and noise monitoring systems. Our work is on-call in nature and we have assisted the airport with: Use Agreement compliance, monitoring reports, Fly Quiet reports, FAR Part 150 Studies, and a Permanent Noise Monitoring System.

San Francisco International Airport On Call Acoustic Services (1999 – present). Mr. Dunholter is the project manager and lead AEDT modeler for the SFO on-call acoustic services. In this role, Paul helped the SFO noise abatement office evolve into an industry leader, pioneering noise abatement methods, including the Fly Quiet Program, 3D online flight track system, and the standard offset approach for parallel runways during low visibility. Mr. Dunholter has also provided CNEL contours for the airport's quarterly reporting to the State of California.

REFERENCES

Brian Ortwein
TRI Pointe Homes, Inc.
Brian.Ortwein@tripointehomes.com
949-438-1400

Linda Evans
The Jones Payne Group
levans@jonespayne.com
(831) 663-4417

Jennifer Taylor
Rancho Mission Viejo, LLC
jtaylor@ranchomv.com
(949) 240-3363

Remove your new Pocket Certificate from the receipt portion and carry it with you at all times.

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LAND SURVEYORS, AND GEOLOGISTS
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SACRAMENTO, CA 95833-2944
916 263-2222



CUT HERE

CERTIFICATE NO.
C 48998

CIVIL ENGINEER

PAUL HOWARD DUNHOLTER

[REDACTED]

EXPIRATION
09/30/22

1. Please include y
2. Notify the Boar
3. Report any loss
4. Please sign and
5. Please laminate

PAUL HOWARD DUNHOL

Signature

Paul Dunholter

RECEIPT NO.
02452010

CERTIFICATE NO.
C 48998

This is y

ATTACHMENT 6

COUNTY BUILDING OFFICIAL'S RECOMMENDATION LETTERS FOR INDIVIDUAL APPLICANTS



County Administration South

601 North Ross Street
Santa Ana, CA 92701

P.O. Box 4048
Santa Ana, CA 92702

(714) 667-8800

info@ocpw.ocgov.com

OCPublicWorks.com



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& Construction
Management



OC Facilities
Maintenance
& CUF



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OC Construction



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OC Operations &
Maintenance



OC Infrastructure
Programs



OC Survey

ORANGE COUNTY
OC Public Works
MEMORANDUM

Date: January 27, 2021
To: Orange County Planning Commission
From: Hadi Tabatabaee – County Building Official
Subject: Acoustical Consultant Certification for Robert Kahn, P.E.

Dear Esteemed Commissioners:

The County maintains a list of Certified Acoustical Consultants who have met a minimum set of educational and professional requirements and are authorized to perform work and provide professional expertise in preparing Noise/Acoustical analyses for CEQA documentation and other instances where the services of a Professional Acoustical Consultant is required.

Periodically, the County solicits qualified individuals to apply for inclusion on the County's certified list through an established certification/re-certification process. Part of that process involves a review of the applicant's professional qualifications and ultimately, appearance before and certification by the Planning Commission.

After thoroughly reviewing the application and qualifications of Robert Kahn, P.E., I have determined that he meets the minimum required qualifications and it is my pleasure to recommend that Mr. Kahn be certified to the County's Certified Acoustical Consultant list for a period of five years, commencing on March 1, 2021 through February, 28, 2026.

Respectfully,

Hadi Tabatabaee

Hadi Tabatabaee
Building and Safety Manager/Building Official
OCPW Development Services



County Administration South

601 North Ross Street
Santa Ana, CA 92701

P.O. Box 4048
Santa Ana, CA 92702

(714) 667-8800

info@ocpw.ocgov.com

OCPublicWorks.com



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& Construction
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OC Facilities
Maintenance
& CUF



OC Fleet Services



OC Construction



OC Environmental
Resources



OC Operations &
Maintenance



OC Infrastructure
Programs



OC Survey

ORANGE COUNTY
OC Public Works
MEMORANDUM

Date: January 27, 2021
To: Orange County Planning Commission
From: Hadi Tabatabaee – County Building Official
Subject: Acoustical Consultant Certification for Fred Greve, P.E.

Dear Esteemed Commissioners:

The County maintains a list of Certified Acoustical Consultants who have met a minimum set of educational and professional requirements and are authorized to perform work and provide professional expertise in preparing Noise/Acoustical analyses for CEQA documentation and other instances where the services of a Professional Acoustical Consultant is required.

Periodically, the County solicits qualified individuals to apply for inclusion on the County's certified list through an established certification/re-certification process. Part of that process involves a review of the applicant's professional qualifications and ultimately, appearance before and certification by the Planning Commission.

After thoroughly reviewing the application and qualifications of Fred Greve, P.E., I have determined that he meets the minimum required qualifications and it is my pleasure to recommend that Mr. Greve be certified to the County's Certified Acoustical Consultant list for a period of five years, commencing on March 1, 2021 through February, 28, 2026.

Respectfully,

Hadi Tabatabaee

Hadi Tabatabaee
Building and Safety Manager/Building Official
OCPW Development Services



County Administration South

601 North Ross Street
Santa Ana, CA 92701

P.O. Box 4048
Santa Ana, CA 92702

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OC Facilities
Maintenance
& CUF



OC Fleet Services



OC Construction



OC Environmental
Resources



OC Operations &
Maintenance



OC Infrastructure
Programs



OC Survey

ORANGE COUNTY
OC Public Works
MEMORANDUM

Date: January 27, 2021
To: Orange County Planning Commission
From: Hadi Tabatabaee – County Building Official
Subject: Acoustical Consultant Certification for Bill Lawson, P.E.

Dear Esteemed Commissioners:

The County maintains a list of Certified Acoustical Consultants who have met a minimum set of educational and professional requirements and are authorized to perform work and provide professional expertise in preparing Noise/Acoustical analyses for CEQA documentation and other instances where the services of a Professional Acoustical Consultant is required.

Periodically, the County solicits qualified individuals to apply for inclusion on the County's certified list through an established certification/re-certification process. Part of that process involves a review of the applicant's professional qualifications and ultimately, appearance before and certification by the Planning Commission.

After thoroughly reviewing the application and qualifications of Bill Lawson, P.E., I have determined that he meets the minimum required qualifications and it is my pleasure to recommend that Mr. Lawson be certified to the County's Certified Acoustical Consultant list for a period of five years, commencing on March 1, 2021 through February, 28, 2026.

Respectfully,

Hadi Tabatabaee

Hadi Tabatabaee
Building and Safety Manager/Building Official
OCPW Development Services



County Administration South
601 North Ross Street
Santa Ana, CA 92701

P.O. Box 4048
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Maintenance
& CUF



OC Fleet Services



OC Construction



OC Environmental
Resources



OC Operations &
Maintenance



OC Infrastructure
Programs



OC Survey

ORANGE COUNTY
OC Public Works
MEMORANDUM

Date: January 27, 2021
To: Orange County Planning Commission
From: Hadi Tabatabaee – County Building Official
Subject: Acoustical Consultant Certification for Paul Dunholter, P.E.

Dear Esteemed Commissioners:

The County maintains a list of Certified Acoustical Consultants who have met a minimum set of educational and professional requirements and are authorized to perform work and provide professional expertise in preparing Noise/Acoustical analyses for CEQA documentation and other instances where the services of a Professional Acoustical Consultant is required.

Periodically, the County solicits qualified individuals to apply for inclusion on the County's certified list through an established certification/re-certification process. Part of that process involves a review of the applicant's professional qualifications and ultimately, appearance before and certification by the Planning Commission.

After thoroughly reviewing the application and qualifications of Paul Dunholter, P.E., I have determined that he meets the minimum required qualifications and it is my pleasure to recommend that Mr. Dunholter be certified to the County's Certified Acoustical Consultant list for a period of five years, commencing on March 1, 2021 through February, 28, 2026.

Respectfully,

Hadi Tabatabaee

Hadi Tabatabaee
Building and Safety Manager/Building Official
OCPW Development Services

ATTACHMENT 7

DRAFT COUNTY CERTIFIED ACOUSTICAL CONSULTANTS LIST EFFECTIVE MARCH 1, 2021

Certified Acoustical Consultants for Orange County 2021-2026

1. Robert Kahn, P.E.
RK Engineering Group, Inc.
4000 Westerly Place Suite 280
Newport Beach CA 92660
Office (949) 474-0809
Fax (949) 474-0902
Email: rk@rkengineer.com
www.rkengineer.com

2. Fred Greve, P.E.
Greve & Associates, LLC
2915 Calle Frontera
San Clemente, CA 92673
(949) 466-2967
fred@greveandassociates.com
www.greveandassociates.com

3. Bill Lawson, P.E.
41 Corporate Park, Suite 300
Irvine CA 92606
(949) 660-1994 x203
Email: blawson@urbanxroads.com
www.urbanxroads.com

4. Paul H. Dunholter, P.E.
BridgeNet International
20201 S.W. Birch St. Suite #250
Newport Beach CA 92660
Office: (949) 250-1222 Ext. 22
Fax: (949) 2250-1225
Email: pauld@airportnetwork.com
www.airportnetwork.com