

ASAAD Y. ALNAJJAR, P.E.

Mobile (310) 880-4525

PE civil + structural
ENGINEER



ACTIVITIES & AWARDS

- ❖ Professional Civil Engineer License C049990 - CA 1993
- ❖ 31 Years City of Los Angeles Experience in Design, Build and Construction projects since 8/1989.
- ❖ Education: USC BS Civil Engineering 5/87 / USC MS Construction Management – Structural 5/89
- ❖ City of Los Angeles Councilmember Candidate – CD 12, March 3, 2020 Elections
- ❖ Highly qualified for any Executive & Senior Management level positions
- ❖ Designated as Bureau of Street Lighting PMQ the most qualified and knowledgeable engineer to represent the City of LA in ongoing litigation and lawsuit appearances as expert witness.
- ❖ Recipient of multiple Awards of Excellence Commendations - City of Los Angeles & MTA. (1989-2020)
- ❖ Recipient of multiple international IT Awards and recognition for Wireless Communication and Innovation
- ❖ Board Member of Porter Ranch Neighborhood Council PRNC (Chair of Safety Committee) – elected till 2021
- ❖ Active within the Porter Ranch Community and CD 12 for many communities' services and projects to enhance the district as a whole in coordination with Mayor Eric Garcetti office.
- ❖ Active member of many Mayor Garcetti programs Interfaith, Sustainability, Resilience, A Bridge Home, Vision Zero, EmpowerLA, Social Equity and other LA enhancements programs.
- ❖ Active member of LAPD Community Police Advisory Board C-PAB
- ❖ Active member of LAFD CERT (City Emergency Response Team)
- ❖ Active member of Emergency Management Department @EOC with full G-775 and G-191 certification
- ❖ Active Member of Pacific Council on International Policy – Los Angeles Chapter.
- ❖ Active Member at the DOE Municipal Solid-State Street Lighting Consortium (MSSLC)
- ❖ Active Member at CDG for CDMA Networks, GSM Networks, WiMAX Forum, LTE & 5G Forums
- ❖ Member of Chi Epsilon Honor Society of Civil Engineers (President 1987)
- ❖ Member of American Society of Civil Engineers - Los Angeles District.
- ❖ Listed in 1996, 1998, 2000, 2009 International Who's Who of Professionals.
- ❖ Member of The Arabian Professionals & Businessmen Society - USA.
- ❖ Member of the ABFICT Business Forum for Information & Communications Technology
- ❖ Certified Trade Specialist by the International Trade Association - Arizona.
- ❖ Aggressive financial wizard with Excellent Manager's Skills, Qualities and Capabilities.

SPECIALITY & TECHNICAL EXPERTISE

- Expert in coordination of Design-Build projects with all other agencies such as LADOT, LADWP, MTA, LAWA, Caltrans, BoE, Harbor, BSS, AT&T, Verizon, Private Contractors, Neighboring Cities (Beverly Hills, Calabasas, Santa Monica, Pasadena, Glendale, Burbank, Inglewood ... etc), and many construction vendors.
- Extensive experience in the structural design of Poles, Foundations, Arms and many different attachments to poles.
- Approval of M40s equipment and specifications for Public Works Contracts
- 31 Years of Design, Construction, Field & Design-Build of City of LA mega projects
- Structural Design of Special Foundations & Poles
- Design and Evaluation of LED Street Lighting
- Resolution of complex unusual construction conflicts
- Design of Solar Lighting Systems (Roadway & Buses)
- Preparation of MCAs & Technical Specifications
- Revisions of Environmental Studies & Agreements
- Negotiations of Maintenance Agreements
- Operating Street Lighting Monitoring Systems
- Preparation of Funds requests (E76, MTA Form 60..)
- Professional Experience to represent BSL at all levels and functions (Mayor's Office, CD Offices, County..).
- Design and Evaluation of Energy Efficiency Systems
- Design & Construction of High or Low Voltage Systems
- Expert in Project Timeline CPM preparation & monitoring
- Design-Build of Wind & Solar to Grid Systems
- Preparation of Extensive Project Financial Estimates
- Preparation of Letters, Reports and Procedures
- Negotiations of Change Orders, Budget, Fees and Funding
- Operating Power Production from Solar Systems
- Processed B-Permits, U-Permits & Encroachment Permits

TECHNOLOGY & COMPUTER LITERACY

- 25 Years expertise in a variety of Smart City Deployment, Green Energy Calculations, Street Lighting Illumination, Alternative Energy Solutions (Solar & Wind), Structural and Engineering Design Software.
- Trained and aided many Civil, Electrical and Mechanical Engineers in using various techniques & software packages to achieve optimum engineering designs.
- For over 25 years, prepared all Street Lighting Engineering estimates, supervised bid packages preparation, handled the award and construction of Millions of Dollars of Street Lighting projects and followed through to the acceptance of projects at the Board of Public Works.
- Expert in design, evaluation, installation, GIS integration and monitoring system of Street Lighting ROAM® with over 31 years of ongoing experience in Smart City monitoring, programming and controlling over 100,000 Street Lights & Solar Panels. Experience includes many vendors and products such as Telemics, Philips and others.

- Superior over 35 years' experience in the complex analysis of all cellular frequency spectrums, antenna & towers designs for cellular carriers, electronic waves interference analysis effecting wireless operations with multiple white papers and research that have been adopted globally. Expert since 1990 in the implementation of GIS, VoLTE, GSM/ CDMA/ LTE mobiles, 4G/5G wireless technology for federal public works Citywide requirements.
- Directly involved within the ITU to develop communications regulations and to implement GSM, CDMA2000 & LTE mobile systems with next generation 4G / 5G data applications. Work includes the field of the new USA & global communications channel of the future through e164 (VoLTE).
- Expert in using most of the leading Business, Graphic designs & Engineering software (Corel, Microsoft Office, Microsoft Project, ACAD, Arcview, Arc/Info., COSMOS-M, Lotus, etc..). Worked with PC's, MAC's, UNIX, VAX, AS-400 and Mobile PDA's with a variety of servers and platforms.
- Expert in Internet Web sites designs, explorer's development and actively developing many multi-lingual tools.

EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA - LOS ANGELES, CALIFORNIA

Recipient of Honor Engineering Awards 1986 - 1990

- * **M.S. Civil Engineering (Construction Management / Structural)** **May 1989**
Emphasis on Management, Estimating, Urban Planning, Construction & Structural Design.
- * **B.S. Civil Engineering** **May 1987**
Emphasis on Structures, Transportation, Computer modeling, Hydrology & Dynamics of Fluids.

PERSONAL

Ambitious, Active, Creative, Devoted to work, Exceptional managerial skills, Extremely organized, Great vivid imagination, Hardworking, Highly Motivated Team Leader & Player, Honest, Innovative, Results & Solutions Oriented, Loyal, Outgoing, Perfectionist and Willing to deviate to achieve the required targets. *Live 2 Work.*

Constantly exploring and learning about new upcoming Global Innovations, Smart City deployments, technology ventures and future prospects. Always aiming to reach higher goals and willing to go the extra mile to achieve them.

Attends multiple technology venues to learn and acquire knowledge that will benefit the City of Los Angeles as a whole and deliver best of class automated services.

When not serving the City of LA Public Works, I volunteer through many COLA programs, LAPD C-PAB, LAFD public safety forums and interfaith services in synagogues, churches, mosques and temples.

REFERENCES

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|---|---|
| City of Los Angeles Megan Hackney (213) 847-2070 Aram Suhakian (213) 216-6210 | Adel Hagekhalil (213) 359-0312 |
| LAWA/LAX Lou Caamano (310) 877-0766 | Lester Virgil (310) 484-4406 |
| City of Beverly Hills City Manager Mahdi Aluzri, P.E. (818) 635-2287 | |
| CALTRANS Yunus Ghausi, P.E. (213) 897-0560 | AS-UCLA Pouria Abbasi, P.E. (818) 703-3327 |

Others available and can be submitted upon request.

PROFESSIONAL EXPERIENCE



CITY OF LA PUBLIC WORKS / STREET LIGHTING

Los Angeles, California

1- Project Manager P.M.1 (Transit Lighting Division)

Mar 2019 - Current

A Transit Lighting Division – Measure R & Measure M Projects

- In charge of monitoring the construction of the light transit projects in coordination with MTA, LADOT and Caltrans for the ongoing multi-billion projects for Crenshaw-LAX, Regional Connector, Purple Line, ESFV, Orange Line and other future transit projects such as the LAX People Mover.
- Approve all temporary infrastructures and lighting system plans in coordination with StreetsLA, LADOT and BOE, work closely with City inspectors to ensure quality of work in accordance with plans and specifications. Approve and authorize change orders, process temporary plans and represent the City of LA during the Design-Build weekly progress meetings.
- Provide full technical and engineering support and supervision to all the Civil, Structural and Electrical engineers in preparation of the demolition plans and permanent infrastructure installation. This includes the design and approval of all complex structural foundations and pedestrian ramps.
- Responsible for research, engineering computations, Construction management planning and supervision, specifications and fieldwork associated with different Street Lighting improvement projects.
- Provide full engineering support in the design of specialized LED lighting systems under bridges & underpasses and for Tunnels to meet the current technology trends and provide best of league engineering solutions.
- Review and propose modifications to technical specifications, environmental study, and Master Cooperative Agreement documents to insure MTA & Caltrans compliance with Bureau of Street Lighting (BSL) policies and regulations.
- Prepares project-engineering estimates, bid packages, technical & special specifications. Does shop inspections to ensure materials quality and oversees MTA's contractors onsite compliance with Public Works standards and specifications.
- Review complicated and unusual structural and construction issues in which normal design rules do not apply, to devise alternative means of construction.
- Coordinate plans with other agencies including the Department of Water and Power, the Department of Transportation LADOT, StreetsLA, Metropolitan Transportation Authority MTA, LAWA, CALTRANS, Bureau of Engineering, private engineers and other divisions and sections of this Bureau.
- Perform field investigations as required to determine the possible solution to complicated field conditions.
- Write and draft formal technical agreements between BSL and other departments, agencies, or community groups including maintenance and operations agreement for streetlights.
- Prepare itemized labor budgets, project cost estimates, funding requests and follow up to obtain all the required federal and state funding annually. Maintain expenditure and productivity reporting system and charts presented monthly to the Mayor's Office. Authorize overtime for engineers when applicable.
- Constantly dealing with the Mayor, Board of Public Works and the Council offices to better serve the constituents of each prospective region in the City of LA during the ongoing construction. Ensure public safety and maintain the aesthetics of the community throughout the life of the project construction.

2- Street Lighting Engineer (Community Services Manager)

Aug 2016 – Mar 2019

- Reports directly to the Director & Assistant Director with respect to engineering services performed by the Bureau; plans, organizes and directs the work programs of the Community Services Division;
- Represent the Bureau before the City Council, Public Works Board, City Commissions and community groups at public meetings related to matters on street lighting design, Mayor's office Great Streets Initiative, Mayor's LA2040 initiative, Councilmen offices and the Board of Public Works.
- Constantly dealing with the Mayor, Board of Public Works and the Council offices for Great Streets, Sidewalk Repair and Zero Vision metrics & goals to better serve the constituents of each prospective region in the City of LA during the ongoing construction. Ensure public safety and maintain the esthetics of the community throughout the life of the project construction.

- Represent the Bureau before the City Attorney office & courts to act as the Person Most Knowledgeable “PMK” for BSL in litigation and depositions for lawsuit cases filed against the City of Los Angeles.
- Address all public complaints as it relates to City Services through MYLA311.
- Provide full technical and engineering support and supervision to all the Civil, Structural and Electrical engineers in preparation of the demolition plans and permanent infrastructure installation. This includes the design and approval of all complex structural foundations and pedestrian ramps.
- Provide full engineering support in the design of specialized LED lighting systems under bridges & underpasses and for Tunnels, Solar & Wind Street Lighting to meet the current technology trends and provide best of league engineering solutions.
- Prepares CDBG and other street lighting project-engineering estimates, bid packages, technical & special specifications. Does shop inspections to ensure materials quality and oversees contractor’s onsite compliance with Public Works standards and specifications.
- Review complicated and unusual structural and construction issues in which normal design rules do not apply, to devise alternative means of construction.
- Write and draft formal technical agreements between BSL and other departments, agencies, or community groups including maintenance and operations agreement for streetlights.
- Maintain expenditure and productivity reporting system and charts presented monthly to the Mayor’s Office and published annually to all citizens. Prepare itemized labor budgets, project cost estimates, CDBG funding requests and follow up to obtain all the required federal and state funding annually.
- Enhancing and exploring the possibilities to improve eGovernment and electronic plan submittal & approval for the contractors, vendors and constituents of the City of Los Angeles.
- In charge of the Pole Painting, Tree Trimming and Sidewalk Repair programs in coordination with all the City departments (BOE, BSS, ...) as part of the Community Services Division and *My LA 311*.
- Act as the media and public relations ambassador for addressing all street lighting issues, complaints and multiple requests for new or upgraded services.

3- Street Lighting Engineer Assoc IV (Same Pay grade of Street Lighting Engineer) Aug 2013 – Aug 2016 **“Specialty Project Engineer”**

A *Transit Lighting Division / Community Services Division – Measure R & General Benefit Projects*

- In charge of monitoring the construction of the light transit projects in coordination with MTA, LADOT and Caltrans for the ongoing multi-billion projects for Expo II, Crenshaw-LAX, Regional Connector, Purple Line, I-405 widening and other future transit projects such as the People Mover.
- Approve all temporary infrastructures and lighting system plans in coordination with LADOT and BOE, work closely with City inspectors to ensure quality of work in accordance with plans and specifications. Approve and authorize change orders, process temporary plans and represent the City of LA during the Design-Build weekly progress meetings.
- Provide full technical and engineering support and supervision to all the Civil, Structural and Electrical engineers in preparation of the demolition plans and permanent infrastructure installation. This includes the design and approval of all complex structural foundations and pedestrian ramps.
- Responsible for research, engineering computations, Construction management planning and supervision, specifications and fieldwork associated with different Street Lighting improvement projects.
- Provide full engineering support in the design of specialized LED lighting systems under bridges & underpasses and for Tunnels to meet the current technology trends and provide best of league engineering solutions.
- Review and propose modifications to technical specifications, environmental study, and Master Cooperative Agreement documents to insure MTA & Caltrans compliance with Bureau of Street Lighting (BSL) policies and regulations.
- Prepares project-engineering estimates, bid packages, technical & special specifications. Does shop inspections to ensure materials quality and oversees contractor’s onsite compliance with Public Works standards and specifications.
- Review complicated and unusual structural and construction issues in which normal design rules do not apply, to devise alternative means of construction.
- Coordinate plans with other agencies including the Department of Water and Power, the Department of Transportation LADOT, Metropolitan Transportation Authority MTA, LAWA, CALTRANS, Bureau of Engineering, private engineers and other divisions and sections of this Bureau.

- Perform field investigations as required to determine the possible solution to complicated field conditions.
- Prepare written reports, letters, specifications and procedures.
- Write and draft formal technical agreements between BSL and other departments, agencies, or community groups including maintenance and operations agreement for streetlights.
- Prepare itemized labor budgets, project cost estimates, funding requests and follow up to obtain all the required federal and state funding annually. Maintain expenditure and productivity reporting system and charts presented monthly to the Mayor's Office. Authorize overtime for engineers when applicable.
- In the absence of the Street Lighting Engineer, since 1989, represented the multiple divisions and BSL at meetings with others related to matters on street lighting design on MTA Design/Build projects and construction at Mayor's office, Councilmen offices and the Board of Public Works.
- Constantly dealing with the Mayor, Board of Public Works and the Council offices to better serve the constituents of each prospective region in the City of LA during the ongoing construction. Ensure public safety and maintain the aesthetics of the community throughout the life of the project construction.
- Enhancing and exploring the possibilities to improve eGovernment and electronic plan submittal & approval for the contractors, vendors and constituents of the City of Los Angeles.
- In charge of the Pole Painting, Tree Trimming and Sidewalk Repair programs in coordination with all the City departments (BOE, BSS, ...) as part of the Community Services Division.

4- Street Lighting Engineer Assoc III / Construction Engineer

July 98 – Aug 2013

A Energy Efficiency Division (Formerly Engineering & Technical Services Division)

Over 6 Years (a)

- In charge of Design & Construction of Current Caltrans renovation project "Sepulveda Tunnel under LAX" for LED lighting system with sophisticated Wireless remote monitoring and control system with complex construction & field coordination challenges with LAWA & LAPD. Ensures compliance with Federal laws, codes, regulations, guidelines, and monthly payment reimbursement reporting requirements.
- In charge of Design & Construction of Solar Lighting, Solar to Grid, LED design build projects for Security Lighting, MTA, Bikeways, Caltrans, CIP and LADOT. In charge of testing and developing City Standards for Solar Systems and supports the LED team in evaluations, testing, standardization and approvals.
- Adopt government policies on LA Solar Energy. Calculate ROI Expectations on valuations and pricing.
- Prepares recommendations for environmental friendly project strategies to utilize City's infrastructure assets for generation of gross revenue.
- In charge of operations, evaluation, design, build, monitor of all Wireless ROAM system for over 100,000 LED street lights and estimated 500 Solar Panels.
- Develops, plans and implements state of the art communications monitoring and data management systems, street lighting assets management systems utilizing multiple technologies to ensure that the City's networks are operational efficiently and effectively.
- Design-Build Wind & Solar to Grid Systems with Wireless Controls using Zigbee & GSM Transmission.
- Design, Approve and Resolve all current complex structural and street lighting projects (MTA, Caltrans, LADOT...), design for multiple conflicts during the design and construction phase in order to deliver all street lighting projects in a timely fashion and serve the constituents of the City of LA.
- Prepare Full Engineering Specifications for Solar-Wind power generation system including WAN/LAN design and specification for Citywide Wireless Monitoring & Control Systems.
- Supervise, Train and Assist all BSL Engineers at prebid meetings and procedure, preconstruction handling and support during ongoing construction progress & development procedure to ensure delivery to the City within budget and time and within City ordinances. Process Special Complex M-40s approvals, materials quality assurance with aid in other approvals for attachments to City's infrastructures.
- Prepares project engineering estimates, bid packages, technical & special specifications. Does shop inspections to ensure materials quality and oversees contractor's onsite compliance with Public Works standards and specifications.

A Construction Management Division (Former Name)

Over 7 Years (b)

- Oversees simultaneously many Federal, Assessment, ATSAC/LADOT/MTA, CIP, STM conversion and FAU projects totaling hundreds of millions of dollars. In charge of the whole BSL Construction Management of the City of Los Angeles.

- Monitor contracts and construction budgets to process and approve monthly progress payments, negotiate and authorize change orders, materials quality control, acceptance inspection and the assurance of performance and completed delivery of projects to be accepted by the City.
- Negotiate and authorize change orders.
- Design and Construct special BSL enhancements projects per Mayor's office special direction involving Down Town LA upgrades, LAX ongoing renovations, Staples Center, Westside improvements and San Fernando Valley improvements.
- Constantly dealing with the Mayor, Board of Public Works and the Council offices to better serve the constituents of each prospective region in the City of LA during the ongoing construction. Ensure public safety and maintain the esthetics of the community throughout the life of the project construction.
- In charge or prebid meetings and procedure, preconstruction handling and ongoing progress & development procedure to ensure delivery to the City within budget and time and within City ordinances. Ensure WBE, DBE & MBE requirements are within those of the Federal Government.
- Resolve and approve structural and street lighting design conflict during the construction phase of all BSL projects in order to deliver the project in a timely fashion and serve the constituents of the City of LA.
- Approve U-Permit plans for community services, easements, vacations, encroachments, and plans prepared by Mobile Operators (AT&T, Verizon, Next G ...) including Wireless equipment tower installations.
- Supervise and Train civil & electrical engineers to design Street Lighting, Security Lighting and Rapid Bus Stops for a variety of projects involving the Metro Red & Blue Lines and the Pasadena Blue Line in conjunction with CALTRANS, MTA metro trains, ATSAC/LADOT upgrades projects.

A Transit Lighting Design Section - Inter-Agency Engineering Division

About 3 Years (c)

- Responsible for research, engineering computations, Construction management planning and supervision, specifications and fieldwork associated with different Street Lighting improvement projects. Conducted thorough field checks, prepared detailed engineering cost estimates, monitored budgets, design foundations details & prepares bid packages for the various projects.
- Prepared & reviewed Calculations, Plans, Design recommendations, Cost estimates, Charts and pictorial illustrations for Cultural Affairs packages. Prepared calculations for Special lighting projects involving Tunnel lighting, Rail Roads tracks safety and all one of kind criteria challenging projects.
- Oversees, supervise and train civil and electrical engineers for design and construction management and bid compliance procedures per MTA, Caltrans and Public Works regulations.
- Prepared, revised and negotiated multiple joint MTA & Caltrans federal design build projects and contracts.
- Proposed & reviewed conceptual aspects of design. Actively involved in the study of the ongoing East Side, Mid City & San Fernando Valley Light Rail and Transit System in addition to the Santa Monica Parkway Transit project.
- Monitor budgets and projects progress by using CPM & PERT techniques & charts. Prepared weekly assignments and tasks reports. Submit monthly management progress, performance & productivity reports, and delegate daily assignments to the different section personnel. Prepared a variety of project budget funds to allocate federal monies.
- Prepared ongoing work plans with weekly, monthly and annual performance measures milestone scales and reports to management and council office. Prepared extensive benchmarking techniques and completed all employee annual evaluation reports.
- Communicated with Mayor's office, council members, and representatives of several state, cities, and private agencies, elected officials, contractors, private citizens, and suppliers of street lighting different equipment to coordinate a variety of tasks involving Design & Construction issues. Monitor and provide construction support for MTA Red & Green Metro lines.
- *Some top projects completed STAPLES CENTER, D.N.C. downtown L.A. planning, MTA Metro Red Line, LAX Gateway, Streetscape Projects, Metro Rail Stations, ATSAC SMART Systems, LA River Bikeway ...etc.*

5 - Street Lighting Engineering Associate II, I**August 89 - July 98****A LADOT /ATSAC, B-Permit Division - General Engineering Division**7 Years

- Design and construction of intersections for the ATSAC system including the installation of an average of 125 intersections annually. Tasks included intensive fieldwork during design and construction phase in order to ensure delivery within time and budget. Design included many Series to Multiple System conversions.
- Supervise and Train civil & electrical engineers to design Street Lighting projects with some minor structural design. All the designs were prepared by using ACAD, Arcview, Arc/Info, MicroStation, GE Ezillum, MicroSiteLite, Holophane CALA and Lumen point.
- Prepared & reviewed Calculations, Plans, Design recommendations, Cost estimates, Charts and pictorial illustrations for Cultural Affairs packages and Street Lighting designs in coordination with Caltrans, MTA & LADOT Signal Modifications programs and B-Permit Private Contractors.
- Prepared calculations for Special B-Permit lighting projects involving Tunnel lighting, Rail Roads tracks and one of a kind criteria project. Coordinated with private engineers and homeowners all stages of engineering, planning and construction.
- Communicated with Mayor's office, council members, and representatives of several state, cities, and private agencies, elected officials, contractors, private citizens, and suppliers of street lighting different equipment to coordinate a variety of tasks involving Design & Construction issues.
- Monitor budgets and projects progress by using CPM & PERT techniques & charts. Prepared detailed engineering estimates and construction bids for Transportation projects initiated by Caltrans, LADOT, MTA and neighboring Cities (Beverly Hills, Santa Monica, Pasadena,...).
- Prepared weekly assignments and tasks reports. Submitted monthly management progress, performance & productivity reports, and delegated daily assignments to the different section's personnel. Prepared a variety of project budget funds.
- Responsible for research, Engineering computations, specifications and fieldwork associated with Different Street Lighting improvement projects. Conducted thorough field checks, prepared cost estimates, foundations details & bid packages for the various projects.
- Reviews proposed private development B-Permits to ensure regulatory compliance of subdivision maps, surveys, parcel maps and plans for construction of public improvements. Provides comments and conditions for development entitlements and permits.
- Constantly dealing with the Board of Public Works and the Council offices to ensure public safety and maintain the esthetics of the community throughout the life of the project construction.
- Projects included all major the street of the City (Wilshire, Olympic, Chandler, Sepulveda, Victory, Santa Monica Blvd. ...). Work included intensive coordination during engineering design phase, budget approvals, bid and award process and construction.

A Construction Division10 Months

- Prepare Final Detailed Estimates to be submitted for FAU reimbursement of funds overdue to the City of Los Angeles general fund and to Bureau of Street Lighting.
- Prepared weekly assignments and tasks reports. Submitted monthly management progress, performance & productivity reports, and delegated daily assignments to the different section's personnel.
- Train & supervise other engineers in the design of combination Street Lighting / LADOT projects.
- Assist MTA/ LADOT/ ATSAC section in plans design, engineering estimates and to resolve many of the existing MTA construction & design conflicts for the ongoing Transportation projects..
- Conduct Construction progress monthly meetings for multiple BSL projects.

A Assessment Division10 Months

- Prepared ballot packages in compliance of Proposition 218 to calculate all the adjusted assessments.
- Prepared and arranged for the Mayor's opening of the Bikeway path including the preparation of all the citizens' survey forms & Internet web page.
- Worked closely with multiple sections to calculate challenging street lighting illumination levels for *MTA Stations, Bikeways, LADOT, Caltrans and some CIP projects.*

A Other Bureau of Street lighting assignments

- Represented the Director of Bureau of Street Lighting in the preliminary design phase and feasibility study for The Electric Trolley Bus in Los Angeles. Conducted field checks for different routes, prepared meetings minutes & agendas and presented a preliminary project evaluation for submittal to the Mayor office.

- Directed the automation, IP products & computerization process at the Bureau of Street Lighting since early 90's. Worked closely with the Director and the system operations personnel to acquire, enhance and design productivity and emergency response software and applications.
- Prepared many evaluation recommendations, allocated purchasing funds, arranged for all personnel training and implemented procedures to enhance the level of services rendered to the private sector developers & contractors and to improve Bureau productivity.
- Assisted in acquiring GPS equipment and GIS software and trained several personnel on their usage and in the preparation of the guidelines for the master GIS plan for the City of LA. Attended several GPS/GIS conventions and seminars for training and to acquire hardware.
- Currently designing, deploying state of the art asset monitoring, and street lighting control systems.
- Exploring the possibilities to deploy eGovernment for the constituents of the City of Los Angeles.
- Other tasks included nighttime field checks, Riot damage assessment and Graffiti control.
- Active member of **CERT** (*City Emergency Response Team*). Participates in Public Works emergency operations training, safety programs, and evacuation procedures.
- Assisted in the 1994 Earthquake emergency and inspection teams to evaluate the damage to many properties, buildings & houses and provide structural recommendations.
- Always on call to resolve any computer & servers problems and to address any design conflicts at all of Street Lighting sections.