

RÉSUMÉ (short)
PHILIP J. LACHIN P.E.
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SUMMARY OF QUALIFICATIONS

- Licensed Professional Civil Engineer with strong organizational, analytical and communication skills
- 31 years' experience in design, bid, and construction management of private and public works projects
- Experience and fluency in FEMA Public Assistance Guidelines and dealings with FEMA and State grant management personnel and procedures
- Qualified by court as expert in areas of contract administration, project management, construction claims and (CPM)schedule preparation, management and analysis
- Specialties – program/project management, contract claims/CPM schedule/delay analysis/expert witness, surety actions

PROFESSIONAL EXPERIENCE

- **2012 – Present:**
Dba PJJ Consulting, LLC, under contract with Jacobs/CSRS, providing review of contractors' monthly cpm schedule submittals (baseline/updates/recovery schedules) for RSD school projects as well as providing delay/TIA (time impact analysis) review/analysis on an as needed basis.
- **1991 - Present:**
Dba PJJ, Inc., a consulting engineering firm providing design (limited), program/project management services, and contract claims/schedule (cpm) analysis and expert testimony to a varied clientele. Client list includes:
 - State of Louisiana, Division of Administration
 - Parish of Jefferson, Louisiana
 - Sewerage and Water Board of New Orleans
 - Baton Rouge/Brown Claim Services, Inc., Baton Rouge, Louisiana
 - Frilot, Partridge, Kohnke & Clements, L.L.C., New Orleans, Louisiana
 - Simon, Peragine, Smith & Redfearn, New Orleans, Louisiana
 - Burglass & Tankersley, Metairie, Louisiana
 - Krebs, Farley & Peleterri, New Orleans, Louisiana
 - Preaus, Roddy & Krebs, New Orleans, Louisiana
 - National American Insurance Company, Chandler, Oklahoma
 - Deutsch, Kerrigan & Stiles, L.L.P., New Orleans, Louisiana
 - C.R. Pittman Construction Company, Inc., New Orleans, Louisiana
 - Ricci & Giepert, New Orleans, Louisiana
 - Shaw Norton, LLP, Mandeville, Louisiana
 - Pajares & Schexnaydre, Covington, Louisiana
 - Roy, Bivins, Judice, Roberts & Wartelle, Lafayette, Louisiana
 - Barriere Construction Company, Metairie, Louisiana
 - Schonekas, Evans, McGoey & McEachin, LLC, New Orleans, Louisiana
 - Lachin Oubre & Associates, Metairie, Louisiana
 - Baker, Donelson, et al, Mandeville, Louisiana
 - Lafon Nursing Home
 - MRPittman Group, LLC
 - Giepert Law Firm
 - CSI of Louisiana, LLC
 - Salley, Hite, Mercer & Resor
 - CNA

- Butler Law Firm & Plunket Law Firm for HANO
- St Tammany Parish
- **2013 - 2015**
Mississippi Port Authority – provided construction phase engineering/project management support services through NSI on \$60 million Gulfport West Pier Wharf Upgrade project. Services included weekly site visits, attendance at progress and special meetings, assistance with special inspections, schedule and claim review, monitor performance of contractor, review of miscellaneous documents (meeting notes, requests for changes...) and preparation of weekly reports tracking progress and potential problems.
- **1991-1998:**
Combined projects value more than \$420,000,000
DbA PJJ, Inc., a consulting engineering firm providing consultant engineering/ program/project management services to Jefferson Parish Department of Sewerage Capital Improvement Program. Program involved planning, design, and construction of \$420 million Capital Sewerage Improvements. Responsibilities include assisting the Owner in project development, consultant contract review and negotiation, management of consultant contracts, review and assist in construction contract design and bid phases, monitor construction contracts and consultant's administration of same, in-house design/bid/management of miscellaneous/emergency capital improvement projects, servitude acquisition coordination and management, and special assistance in claims management and preparation for litigation.
- **1990-1991: Project Manager and Estimator**
B&K Construction Co., Inc.
Combined projects value in excess of \$10,000,000
Projects included major force mains, gravity sewers, sewage lift stations, drainage pump stations, waste water treatment plants, and incidental work (jack and bore crossings, aerial crossings, concrete and asphalt paving, etc.) in Jefferson, St. Charles, St. John the Baptist, St James, E. Baton Rouge, and St. Bernard parishes with a combined value more than \$10,000,000.00. All projects performed on time and within budget.
- **1984-1990: Project Manager in Charge of Construction**
N-Y Associates, Inc.
Combined projects value more than \$60,000,000
Construction Management -
Provided construction management services for nine major sewer force main contracts for Jefferson Parish, with subsequent similar assignments on major pump station, force main, treatment plants and roadway projects in Jefferson, St. John the Baptist, and St. James Parishes. Responsibilities included design assistance and review, bid phase management, and construction administration, including: liaison with owner and governing/ funding agencies (LADEQ and EPA), supervising inspectors, correspondence, shop drawing review, pay requests, change orders (from design through negotiation and acquisition of owner/funding authority approval), etc. Assisted owners with program budget control, final plan of operation, and project performance certifications, as well as systems start-up.

Project Engineer -

Aided with final design for remaining major force main contracts. Subsequently promoted to Project Manager in charge of construction during bid and construction phases.

Resident Project Engineer -

Assigned as resident project representative on first of ten major force main (36" I.D. to 78" I.D.) projects designed and administered by N Y Associates for Jefferson Parish, Louisiana. Provided full time on site inspection services and handled job correspondence, schedule tracking, change order preparation, etc. Subsequently promoted to Project Engineer for remaining major force main projects.

EDUCATION

- 1982 -1984 - Bachelor of Science, Civil Engineering, University of New Orleans, New Orleans, LA
- 1979 -1980 - Louisiana State University Law School, Baton Rouge, LA
- 1972 -1976 - Bachelor of Arts, Economics, Louisiana State University

PROFESSIONAL ASSOCIATIONS

- State of Louisiana Professional Engineer License No. 23441
- American Society of Civil Engineers
- Louisiana Engineering Society

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- Qualified by court as expert in areas of contract administration, project management, construction claims and (CPM)schedule preparation, management and analysis
- Specialties – program/project management, contract claims/CPM schedule/delay analysis/expert witness, surety actions

PROFESSIONAL EXPERIENCE (by Professional Service Category)

• **Contract Claims, CPM Schedules/Delay Analysis, Expert Witness**

• **2012 – Present:**

Providing review of contractors' monthly cpm schedule submittals (baseline/updates/recovery schedules) for RSD school projects as well as providing delay/TIA (time impact analysis) review/analysis on an as needed basis, dba P.J.L Consulting, LLC, under contract with Jacobs/CSRS,

• **1984 - Present: Claims Analyst/Expert Witness, Construction Contract Claims (including delays/cpm schedule analysis), dba P.J.L., Inc.**

Providing contract claims/schedule (cpm) analysis, reports and/or expert testimony to a varied clientele. Client list includes:

- State of Louisiana, Division of Administration
- Parish of Jefferson, Louisiana
- Sewerage and Water Board of New Orleans
- Baton Rouge/Brown Claim Services, Inc., Baton Rouge, Louisiana
- Frilot, Partridge, Kohnke & Clements, L.L.C., New Orleans, Louisiana
- Simon, Peragine, Smith & Redfearn, New Orleans, Louisiana
- Burglass & Tankersley, Metairie, Louisiana
- Krebs, Farley & Peleterri, New Orleans, Louisiana
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- Barriere Construction Company, Metairie, Louisiana

- Schonekas, Evans, McGoeys & McEachin, LLC, New Orleans, Louisiana
- Baker, Donelson, et al, Mandeville, Louisiana
- Lafon Nursing Home
- MR Pittman Group, LLC
- Giepert Law Firm/CSI LA
- CSI of Louisiana, LLC
- Salley, Hite, Mercer & Resor
- CNA
- Butler Law Firm & Plunket Law Firm for HANO
- St Tammany Parish DA Civil Division

Accomplishments

- Continued development/maintenance of high level of trust/integrity and professionalism that gave rise to opportunity to perform such services and lends strong respect/credibility for work product.
- Secured very favorable settlements/trial awards for clients (plaintiff – averages about eighty to ninety cents on the dollar received, defendant – averages about ten to twenty cents on the dollar paid).
- CPM schedule analysis provided recognized as credible analysis as opposed to suspect/lacking, over simplified and often misleading analysis/presentation offered by opposing experts.

- **Surety Action**

- **1997-1999: Surety Consultant and Project Management, dba P.J.L., Inc.**

Provided consulting and project management services for a surety company towards fulfilling its obligations and mitigating damages under several contracts (e.g., for the US Army Corps of Engineers and Louisiana Department of Transportation and Development). Services provided included:

- **Contract Status:** Review, assessment and reporting on contract/project status, and potential defenses to actions against the surety.
- **Exposure Assessment:** Assessment and reporting on the potential exposure for surety, including such items as costs associated with completion of the work, accounts payable, claims and liens, and available contract funds.
- **Work Plan Development:** Identification and development of a plan to complete the outstanding/remaining work through the most beneficial option - either through assistance to the principal, tender of a new completion contractor, a takeover agreement, or settlement with the obligee.
- **Completion Contract Management:** Performance of contract management services for completion of contract work, including preparation of bid and contract documents, bid solicitation, receipt, review and recommendation; construction management services through successful contract closeout.
- **Funding, Indemnity and Claims:** Aid and support to surety in securing the balance of contract funds, assistance with indemnity actions, and settlement of accounts payable, claims and liens.

Accomplishments

- Successful completion of all projects
- Settlement of all related claims/liens
- Surety made whole through –
 - Recovery of all available contract funds
 - Recovery of very substantial payment from indemnitor

- Identification of right to claim against USACE, development and presentation of claim resulting in substantial payment by federal government (after negotiations with attorney from Justice Department) to surety.

- **Program/Project Management**

- **2013 – 2015**

Mississippi Port Authority – provided construction phase engineering/project management support services through NSI on \$60 million Gulfport West Pier Wharf Upgrade project. Services included weekly site visits, attendance at progress and special meetings, assistance with special inspections, schedule and claim review, monitor performance of contractor, review of miscellaneous documents (meeting notes, requests for changes...) and preparation of weekly reports tracking progress and potential problems.

- **2007 - 2012: Project Manager, dba P.J.L., Inc.**

Combined projects value more than \$115,000,000

Provided project management, contract administration (and limited design on as needed basis) services on various building projects through Lachin Oubre and Associates, including several post Katrina disaster recovery projects, gaining valuable experience and fluency in **FEMA Public Assistance Guidelines and dealings with FEMA and State grant management personnel (GOHSEP)** and procedures. Projects include assisted living facility and several educational facilities (including classrooms, cafeteria/dining areas, administration areas, clinics, common spaces...) and associated athletic facilities (football and baseball stadia, basketball gymnasiums, natatorium, training facilities, locker and shower rooms, concessions areas...) and ancillary work.

Accomplishments –

- Developed and maintained high level of trust/credibility and professionalism needed to be effective.
- Effective project management/contract administration, including coordination of various interfacing contracts/contractors.
- Management of several construction contracts, including demolition, asbestos abatement, mold remediation, renovation and new building construction.
- Successful interaction with sub consultants, including mechanical, electrical, special systems and environmental professional consultants.
- Effective recognition/analysis (merit and value) and negotiating of changes (including cpm schedule issues) towards reasonable resolution and subsequent approval by funding/governing agencies.
- Developed and maintained detailed records to ensure appropriate documentation for contemporaneous and possible future review as needed to secure any required approvals/funding opportunities.
- Gained knowledge of disaster recovery process/policy, including FEMA/GOHSEP policies/procedures.
- Successfully interacted with FEMA/GOHSEP representatives to ensure appropriate funds/reimbursement for Grantee.
- Assisted Grantee through project audit process.

- **1991-1998: Program/Project Manager, dba P.J.L., Inc.**

Combined projects value more than \$420,000,000

Provided consultant engineering/ program/project management services to Jefferson Parish Department of Sewerage Capital Improvement Program. Program involved planning, design, and construction of \$420 million Capital Sewerage Improvements. Responsibilities included assisting the Owner in project development, consultant contract review and negotiation, management of consultant contracts, review and assist in construction contract design and bid phases, monitor construction contracts and consultant's administration of same, in-house design/bid/management of

miscellaneous/emergency capital improvement projects, servitude acquisition coordination and management, and special assistance in claims management and preparation for litigation.

Accomplishments -

- Developed and maintained high level of trust/credibility and professionalism needed to be effective.
 - Managed over 20 professional consultant contracts for design, bid and construction management services associated with over 54 construction contracts.
 - Assisted in project development as well as schedule and budget preparation.
 - Negotiated and managed consultant contracts to ensure appropriate contract terms regarding scope of work, time for performance and associated fees (contract negotiations resulted in over \$1 million in savings to Owner).
 - Provided “in house” design, bid and construction management services for several projects to expedite emergency and high priority projects as needed.
 - Provided detailed design review to ensure design in conformance with project needs, proper engineering, and Owner’s standards as well as coordination with other projects.
 - Aid in bid and construction management phases to assure appropriate protection of Owner’s interests concurrent with facilitation of Contractor’s performance and to ensure quick and reasonable conflict resolution and damage mitigation.
 - Provided special assistance in claims management and preparation for litigation by providing expertise in claims/schedule analysis to assist in development of claim defense and promote resolution where possible.
 - Initiated procedure for accurate compilation and tracking (accounting) of construction and design contracts, including development and maintenance of several contract status and accounting spreadsheets to facilitate adequate and efficient contract management and accurate accounting.
 - Developed system flow schematics for use in systems analysis and appropriate project development to provide needed tool in evaluating system needs and proposed improvement projects on a system wide basis.
 - Provided hydraulic design assistance and review of Cybernet generated analysis of manifold pumping system. Performed hydraulic analysis for “78 Pump Stations” upgrades study.
 - Assisted in servitude acquisitions to ensure appropriate and timely availability of needed work sites.
 - Nominated by Parish President and Administration for position of Parish-wide Capital Improvements Projects Director.
- **1990-1991: Project Manager and Estimator, B&K Construction Co., Inc.**
Combined projects value more than \$10,000,000
Provided bid estimating and project management services on several public works and private utility projects in Jefferson, St. Charles, St. John the Baptist, St James, E. Baton Rouge, and St. Bernard parishes. Projects included major force mains, gravity sewers, sewage lift stations, drainage pump stations, wastewater treatment plants, and incidental work (jack and bore crossings, aerial crossings, concrete and asphalt paving, etc. All projects performed on time and within budget.

Accomplishments –

- Managed successful construction of 700,000 gpm drainage pump station.
- Managed construction of over \$10 million in heavy utility construction contracts, successfully completing all on time and within budget (at a profit).
- Planned and supervised emergency repair of collapsed primary water main supply to St. John the Baptist Parish.

- Bid and managed first industrial plant project constructed by B&K Construction Company; completed on time and within budget (at a profit).
- **1984-1990: Project Manager in Charge of Construction, N-Y Associates, Inc.**
Combined projects value more than \$60,000,000
 - Project Manager/Contract Administrator –
Provided project management, contract administration (and some design) for nine major sewer force main contracts for Jefferson Parish, with subsequent similar assignments on major pump station, force main, treatment plants and roadway projects in Jefferson, St. John the Baptist, and St. James Parishes. Responsibilities included design assistance and review, bid phase management, and construction administration, including liaison with owner and governing/ funding agencies (LADEQ and EPA), supervising inspectors, correspondence, shop drawing review, pay requests, change orders (from design through negotiation and acquisition of owner/funding authority approval), etc. Assisted owners with program budget control, final plan of operation, and project performance certifications, as well as systems start-up.
 - Project Engineer -
Aided with final design for remaining major force main contracts. Subsequently promoted to Project Manager in charge of construction during bid and construction phases.
 - Resident Project Engineer -
Assigned as resident project representative on first of ten major force main (36" I.D. to 78" I.D.) projects designed and administered by N Y Associates for Jefferson Parish, Louisiana. Provided full time on site inspection services and handled job correspondence, schedule tracking, change order preparation, etc. Subsequently promoted to Project Engineer for remaining major force main projects.

Accomplishments –

- Gained valuable field construction experience (related to design/constructability issues, appreciation of construction process/details, time and costs...) supplementing growing engineering education/experience, that would afford valuable insight (beyond peers) applicable to subsequent project design, bid and management assignments.
 - Prepared/presented (detailed) monthly updates/reports to governing/funding agency representatives and conducted monthly tours of ongoing projects.
 - Developed and maintained strong trusted (high credibility) relationship with Owner and governing/funding agency representatives, facilitating funding and approval processes.
 - Provided special assistance to Owner/governing/funding agencies in detailed review, analysis and negotiation (cost and time – involving cpm schedules) of many construction contract claims (ranging from a few thousand to over a million dollars in value), with successful dispute resolution and avoidance of litigation. Efforts in this area documented savings to Owner/governing/funding agencies of several million dollars.
 - Prepared detailed justification and cost documentation and successfully secured approval from Owner/governing/funding agencies for (additional) payment for special services provided above; in recognition of extraordinary efforts and savings realized.
 - Efforts subsequently led to contract with Owner to provide program/project management services related to Sewerage Capital Improvements Program.
- **Miscellaneous**
 - **1998-1999: Civil Engineering, DEI**

Provided consulting engineering services for local consultant, including:
 - Road project design for the City of New Orleans,

- Preparation of Environmental Impact Document, revised Facilities Plan and Sludge Management Plan for the City of Kenner.

Accomplishments

- Approval of governing agencies and authorities of Environmental Impact Document and Facilities Plan as well as Sludge Management Plan prepared for City of Kenner.

EDUCATION

- 1982 -1984 - Bachelor of Science, Civil Engineering, University of New Orleans, New Orleans, LA
- 1979 -1980 - Louisiana State University Law School, Baton Rouge, LA
- 1972 -1976 - Bachelor of Arts, Economics, Louisiana State University

PROFESSIONAL ASSOCIATIONS

- State of Louisiana Professional Engineer License No. 23441
- American Society of Civil Engineers
- Louisiana Engineering Society