

Curriculum Vitae

Position Title and No.:	Senior Materials/ Pavement Engineer
Name of Expert:	Jonathan Sibug. Dizon
Date of Birth:	1974-12-03
Country of Citizenship/Residence:	Philippines

Education:

Bachelor of Science, Civil Engineering, Republic Central Colleges, 1998

Employment Record Relevant to The Assignment:

Period	Employing organization and your title/ position. Contact info for references.	Country	Summary of activities performed relevant to the Assignment
Jun 2017 – Dec 2023	<p>Employer: <i>Beijing Expressway Supervision Co. Ltd</i></p> <p>Title: Senior Pavement/Materials Engineer</p> <p>Client: Ethiopian Roads Authority (ERA)</p> <p>For references: Mr. Leo Villamora Senior Bridge Structural Eng'r Email : renardet_lav08@yahoo.com Contact no: +84703194833</p> <p>Mr. Hem Shrestha Highway Design Eng'r Email : hemstha@gmail.com Contact no : +9779841996661</p> <p>Mr. Gou Xudong Resident Engineer Email : gouxudong@bes-overseas.com</p> <p>Mr. Debebe Zergaw Senior Engineer Email : debe7147@gmail.com Contact no : +251911673228</p>	Ethiopia	<p>Project A: Review of Design and Construction Supervision Design and Built of Modjo-Hawassa Highway Project; Phase II: Zeway-Hawassa, Lot II: Arsi-Negele Hawassa Section (Ethiopian Government, Exim Bank of China funded)</p> <p>Main Project Features: The project is design and built project with a length of 51.68km road expressway consists of (4) lanes asphalt concrete roads connecting to Addis Adama-Expressway, with 3 interchanges, 7 mainline river bridges, 7 overpass bridges, 20 pedestrian underpasses crossing, 48 drainage slab culverts, 105 drainage pipe culverts and 8.6km Link Roads. The construction cost is US\$ 267 Million.</p> <p>Activities Performed: Review and validate investigation and materials reports, engineering drawings, plans, design calculation, and any pertinent reports/ data for pavement design submitted by the contractor and prepare design changes as necessary. Assist RE in the preparation of the Quality Assurance Manual, including standard supervision forms, testing/ reporting forms and suitable frequency of testing. Also, assist RE in the preparation of inception report/ or any relevant reports and other task as needed, review contractors' quality assurance plan, inspect and approve materials including sources, aggregates quarry, borrow pit for embankment, concrete mix design and asphalt job mix design. Conduct all necessary and advisable inspection, sampling, testing and analysis for compliance with the technical specification for all soils and construction materials proposed and used by the contractor. Supervise setting up of field laboratories. Assist the Resident Engineer in approving or rejecting construction materials to be used by the contractor and monitor the quality control of materials and workmanship. Direct supervise the Technicians/Materials Inspectors to conduct field and laboratory testing such as sampling and testing of asphalt, concrete, soil, aggregates and the performance of the various tests in accordance with AASHTO, ASTM, and British Standards. Witness all samples tested in independent laboratory/laboratories and evaluate test results prior to the incorporation in the work. Inspect regularly all materials stock on site and quarry sites and prepare monthly materials and final report. Recommend special tests (if required). Track and review the site testing and certificates of compliance. Attend / participate in workshop and weekly technical meeting. Organize subordinate technicians and provide testing program in accordance to the need of their assigned project on day-to-day basis. Responsible for the quality control of the pre-stressed girders, pile foundation, paving works. Inspect the quality of works accomplished periodically. And provide on-the-job training to the counterpart ERA Engineers and other students from different colleges/universities. Furthermore, handled the Geotechnical works in this project. Review, verify all geotechnical sub-surface investigation reports of foundation for (7) mainline bridges, (3) interchange bridges (7) overpass bridges, (20) pedestrian underpasses, (48) drainage slab culverts, (105) drainage pipe culverts and other structures submitted by contractor. Responsible for the site monitoring for boring investigation and supervision of geophysical investigation as well as the treatment of the Ground Fissures and Collapsible Soil Sub-grade in this project.</p>
Sep 2016 – May 2017	<p>Employer: <i>Beijing Expressway Supervision Co. Ltd</i></p> <p>Title: Pavement/Materials Engineer</p> <p>Client: Ethiopian Roads Authority (ERA)</p>	Ethiopia	<p>Project B: Feasibility Study Final Design of the Adama-Awash Expressway (Government of Ethiopia funded)</p> <p>Main Project Features: The project has been divided in two (2) packages with the combined length of 125 km. Asphalt pavement was proposed to use and four (4) viaducts were included in the scope of the work.</p> <p>Activities Performed: Responsible for the soil and materials aspects of the project, sub-grade foundation and pavement design. Presenting PPT for pavement design to the client.</p>

	<p>For references: Mr. Hem Shrestha Team Leader Email : hemstha@gmail.com Contact no : +9779841996661</p>		
May 2014 - Aug 2016	<p>Employer: <i>Beijing Expressway Supervision Co. Ltd</i> Title: Pavement/Materials Engineer Client: Ethiopian Roads Authority (ERA) For references: Mr. Leo Villamora Senior Bridge Structural Eng'r Email : renardet_lav08@yahoo.com Contact no: +84703194833</p> <p>Mr. Hem Shrestha Highway Design Engineer Email : hemstha@gmail.com Contact no : +9779841996661</p>	Ethiopia	<p>Project C: Review of Design and Construction Supervision Design and Built of Lebu –Akaki It Park Goro, Outer Ring Road Project Phase2 Project (Ethiopian Government, Exim Bank of China funded) Main Project Features: The project is design and built project with the length of 28km roads Urban Expressway Project consists of (6) lanes, asphalt concrete roads connecting to Addis Adama-Expressway with (3) interchanges, (16) bridges and (3) crossing sites. The construction cost is US\$ 253 Million. Activities Performed: Responsible for the preparation of the Quality Control and Quality Control Guidelines, quality control for the cement concrete, road materials: sub-grade, base, high modulus asphalt base course and binder and wearing course. Responsible for the quality control of the pre-stressed girders, pile foundation drainage works and paving operations. Conduct all necessary and advisable inspection, sampling, testing and analysis for compliance with the technical specification for all soils and construction materials proposed and used by the contractor. Supervise setting up of field laboratories. Assist Resident Engineer in identifying the possible reason for delays and possible mitigate measures. Direct supervisions of the Technicians/Materials Inspector to conduct field and laboratory testing such as sampling and testing of asphalt, concrete, soil and aggregates and the performance of the various tests in accordance with AASHTO, ASTM, British and Chinese standard. Witness all samples tested in independent laboratory/laboratories and evaluate test results prior to the incorporation in the work. Inspect regularly all materials stock on site and quarry sites and prepare monthly materials and final report. Recommend special tests (if required). Participate in construction quality control and track and review the site testing and certificates of compliance. Attend / participate in workshop and weekly technical meeting. Organize subordinate technicians and provide testing program in accordance to the need of their assigned project on day-to-day basis. And provide on-the-job training to counterpart ERA Engineers and other students from different colleges/universities.</p>
Mar 2014 – Aug 2014 (intermittent)	<p>Employer: <i>Beijing Expressway Supervision Co. Ltd</i> Title: Pavement/Materials Engineer Client: Ugandan Roads Authority (UNRA) For references: Mr. Zhang Mi Resident Engineer Email : zhangmi@bes-overseas.com Mr. Leo Villamora Senior Bridge Structural Eng'r Email : renardet_lav08@yahoo.com Contact no: +84703194833</p>	Uganda	<p>Project D: Review of Design and Construction Supervision Design and Built of Kampala Entebbe Expressway (Uganda Government, Exim Bank of China funded) Main Project Features: The project is design and built project with a length of 51km (4) lanes Expressway, with (19) bridges and flyovers with a total length of 2,770m. The construction cost is US\$ 476 Million. Activities Performed: Responsible for the preparation of the Quality Control and Quality Control Guidelines, quality control for the road materials: sub-grade, base and cement concrete. Responsible for the quality control of the pre-stressed girders, pile foundation and drainage works. Review contract documents regarding materials and pavement design. Inspect regularly all materials stock on site and quarry sites and prepare monthly materials and final report. Attend / participate in workshop and weekly technical meeting. Organize subordinate technicians and provide testing program in accordance to the need of their assigned project on day to day basis. And provide on-the-job training to counterpart UNRA Engineers and other students from different colleges/universities.</p>
April 2013 – May 2014	<p>Employer: <i>Beijing Expressway Supervision Co. Ltd</i> Title: Pavement/Materials Engineer Client: Ethiopian Roads Authority (ERA) For references: Mr. Leo Villamora</p>	Ethiopia	<p>Project E: Review of Design and Construction Supervision of: Design and Built of Addis Ababa-Adama Expressway Project (Ethiopian Government, Exim Bank of China funded) Main Project Features: The project is design and built project with a length of 78km with (6) lanes Expressway, (7) tolls stations, (48) gates on the toll roads, (8) large and (77) smaller bridges. The construction cost is US\$ 350 Million. Activities Performed: Responsible for the quality of asphalt concrete aggregates, cement concrete and paving works. Duties included the supervision of testing of materials for asphalt and concrete pavement markings. Assist Resident Engineer in identifying the possible reason for delays and possible mitigate measures.</p>

	<p>Senior Bridge Structural Eng'r Email : renardet_lav08@yahoo.com Contact no: +84703194833</p> <p>Mr. Hem Shrestha Highway Design Engineer Email : hemstha@gmail.com Contact no : +9779841996661</p>		<p>Witness all samples tested in independent laboratory/laboratories and evaluate test result prior to the incorporation in the work. Inspect regularly all materials stock on site and quarry sites and prepare monthly materials and final report. Control calibration of plant and equipment. Recommend special tests (if required). Analyze test results submitted by the contractor. Participate in construction quality control. Track and review the site testing and certificates of compliance. Attend / participate in workshop and weekly technical meeting. Organize subordinate technicians and provide testing program in accordance to the need of their assigned project on day-to-day basis. And provide on-the-job training to counterpart ERA engineers and other students from different colleges/universities.</p>
Oct 2010- Mar 2013	<p>Employer: RENADET S.A Partners, Consulting Engineers LLC (Oman) Title: Materials Engineer Client: Muscat Municipality For references: Mr. Giampiero Matera Resident Engineer Email : gp.matera@hotmail.com Contact no : +67571366017</p> <p>Mr. Lorenzo Nicolai Regional Manager RENARDET Oman Email : nicolai@renardet.net Contact no : +96899442366</p> <p>Mr. Mario Jimenez Materials Inspector Email : mariojayjimenez@yahoo.com Contact no : +639362985363</p>	Oman	<p>Project F: Construction Supervision of: Wadi-Adai Multi Level Interchange Project (Muscat Municipality funded) Main Project Features: The project scope consists of multilevel interchange including 2 kilometers of the dual lane bridge located in Al-Amerat Muscat, Oman. Construction of steel gantry structure rising 19metres above the ground. Construction of 2 structure steel bridges with total weights of 2,820 tones. The construction also includes the construction of loop roads on the mountain, rehabilitation of existing pavements, and construction of mechanically stabilized earth wall, retaining wall with a length of 364 meters and 848 meters respectively, and construction of reinforced concrete box culvert 2 cells 2x4x1.254 km, and 8 cells 4x4meters across the main alignment. The project cost is US\$ 22 Million. Civil works include widening of existing roadbed and new roadbed, granular/concrete/asphalt paving construction and, replacement and installation of new traffic signs, traffic signal and guards; and reconstruction of intersections. Activities Performed: Responsible for testing and selection of borrow materials, concrete aggregates, aggregates for asphalt pavements quarry products and operation and all other materials to be use in the project including bridge structures. Review and approve the concrete mix design and asphalt mix design and other construction materials e.g., thermoplastic pavement marking, steel guard rail, steel gantry, traffic signaling, street light pole.</p>
Feb 2010 – Aug 2010	<p>Employer: RENADET S.A Title: Materials Engineer Client: Ministry of Public Works and Highways For references: Mr. Lorenzo Nicolai Regional Manager RENARDET Oman Email : nicolai@renardet.net Contact no : +96899442366</p> <p>Mr. Gregorio Pullido Jr Resident Engineer Email : gregoriopullido88@yahoo.com Contact no : +639753107228</p>	Yemen	<p>Project G: Construction Supervision of: Sayhut-Nistun Road Project Tunnel No.1 Stabilization Work Project (World Bank funded) Main Project Features: The project consists of the construction of the peripheral concrete arch lining of the tunnel including the stabilization of the sub-grade foundation, construction of underground gravel drainages system, asphalt pavement and underground utilities with a total length of 1.7 km tunnel. Activities Performed: Responsible for the quality control of construction materials for road structures, materials testing program and laboratory operations. Responsible also for the preparation of the Quality Control and Quality Assurance Plans. Review and ensure construction procedure for appropriate rehabilitation and strengthening of existing road sub-grade. Review and approve the concrete and asphalt mix design submitted by the contractor. In addition, monitor quality control of materials and workmanship.</p>
Nov 2007 – Jan 2010	<p>Employer: RENADET S.A Title: Materials Engineer Client: Malaysian Thailand Development (MTD) For references:</p>	Philippines	<p>Project H: Construction Supervision of: South Luzon Expressway Rehabilitation Project (Malaysian Thailand Development funded) Main Project Features: A Build-Operate-Transfer (BOT) Scheme, EPC Turnkey project financed and concession by MTD SDN BHD of Malaysia. The project consists of the construction, rehabilitation, and expansion of the existing toll road from Alabang to Calamba (28.53 km), the construction for the extension of South Luzon Expressway Project (SLEX) to Sto. Tomas Batangas (5.81 km) with the</p>

	<p>Mr. Randy J. Paulino Sr. Materials and Quality Assurance Engineer Email : engr.randypaulino@yahoo.com.ph Contact no : +67579100998</p> <p>Mr. Jaime Caucom Acting Personnel manager Email : rst@designscience.biz Contact no : 843-3057 , 845-2180</p>		<p>associated spur to Southern Tagalog Arterial Road (1.79 km) which will be connected to the existing Star Toll. The project lies within the CALABARZON region from Alabang to Sto. Tomas Batangas with a total length of 36.60 km. It also includes the construction of thirteen (13) toll Interchanges, Viaduct and 48 bridges including overpasses, underpasses and drainage. The project cost is USD 160 Million dollars.</p> <p>Activities Performed: Responsible for the preparation of the Quality Control Plan, laboratory and quality control of the materials for asphaltting surfaces, granular bases and concrete and prefabricated steel work on bridges and on methods of plant operation and construction. Review technical documents submitted by the contractor and monitor quality control of materials and workmanship.</p>
Oct 2005 – Nov 2007	<p>Employer: <i>Hazama Taisei Nippon Steel Joint Venture</i> Title: QA/QC Engineer Client: Bases Conversion Development Authority For references: Mr. Allen Yusi Senior Project Engineer Email : yusiallen@yahoo.com Contact no : +639175143466</p> <p>Mr. Gonald V. Perez Chief of the Human Resource Hazama Corporation Email : engdep@info.com.ph Contact no: (045) 599-6820</p>	Philippines	<p>Project I: Construction of: Subic-Clark-Tarlac Expressway Project Package II (Japanese Bank funded) Main Project Features: The projects consist of the construction of 4 major mainline bridges, 30 minor mainline bridges, 12 interchanges, 10 overpasses, 54 underpasses, 360 drainage culverts, 14 toll plazas, and toll operation center building with a traffic control system. The length of the Expressway is 43.27km with (4) lanes Expressway. The construction cost is US 340 million dollars.</p> <p>Activities Performed: Develop and determine all standards to perform inspection and tests on all procedure and oversee all testing methods and maintain high standard of quality for all process. Carry out inspection and checking for all quality related procedure in the site and ensure activity at site as per approved method statement and inspection plan. Coordinate with the consultant's representative and site in-charge for inspection and meeting about quality problems including the closure of Non-Compliance Report. Taking care of QA/QC documents of the entire project including certificates, calibration, test results, inspection requests, non-compliance report and site instruction. Responsible for the quality and workmanship of every activity, thorough knowledge of all phases of engineering construction relating to Civil operations. Review and approved inspection, test plans and quality control plans. Attend weekly, monthly meeting for quality and safety improvement with senior management, submitting related reports and updates.</p>
Jul 2003 – Jul 2005	<p>Employer: <i>Richcorp. Construction Sale Development Co., Inc.</i> Title: QA/QC Engineer Client: Japan-Philippines Firm For references: Mr. Patrick H. Sunga Project Operation Manager Contact no : 743-6715</p>	Philippines	<p>Project J: Construction of: Orchid Hills Club (Land Development Project and Single Detach House) Pulong Bunga Silang Cavite Tagaytay, Project (Japan-Philippines funded) Main Project Features: The project consists of the construction of drainage system, underground utilities, lagoon, Portland cement concrete pavement, walkway, curbstone, landscape, and land development around 34 hectares in wide including the construction of single detached housing.</p> <p>Activities Performed: Develop and maintain quality standards that applied to onsite construction work, ensuring proper implementation. Implement quality control procedure and plans for providing more efficient construction work. Identify, analyze, and resolve problems and issues with quality assurance and control for site construction. Review and approve the subcontractor quality documentation and implement audits as well. Review quality of all materials at site and ensure compliance to all project specification and quality and collaborate with department for all materials procurement and maintain quality of materials. Coordinate all inspections, monitor the required tests and record inspections and tests made passed the contract plan and contract specification.</p>
Mar 2003 – Jul 2003	<p>Employer: <i>R D Policarpio Co. Inc.</i> Title: Civil Project Engineer Client: United Parcel Service For reference: Mr. Fernando Tubig Jr. Project Superintendent Email : fernandojrntubig@gmail.com Contact no : +639184219433</p>	Philippines	<p>Project K: Construction of: Rehabilitation of Diosdado-Macapagal International Airport Clark Field Pampanga (United Parcel Service funded) Main Project Features: The project consists of the rehabilitation of taxiways and aprons on the cargo terminal. The rehabilitation also includes the drainage system, underground utilities, stabilizing the sub-grade of aprons and taxiways and concreting of Portland Cement Concrete Pavement of aprons and asphalt paving for the taxiways.</p> <p>Activities Performed: Responsible for the implementation and control of site execution. Coordinate with the project consultant/project director and other coordinating officers concerning in the project implementation. Implement project safety and quality requirements of construction work. Responsible for all engineering and technical disciplines that projects involve, scheduling, plan forecast, resource and manage all the technical activities aiming at assuring project accuracy and quality from conception to completion; and ensured that all</p>

Sep 2001 – Jan 2003	<p>Employer: <i>Arrow Head Construction Company</i></p> <p>Title: Civil Project Engineer</p> <p>Client: Department of Public Works and Highways</p> <p>For reference: Mr. Christopher Evaristo Project Engineer Email : cmevaristo.sic@gmail.com Contact no : +639173054763</p>	Philippines	<p>materials used and works performed are as per specifications.</p> <p>Project L: Construction of: Santa Monica Road, Concepcion-Nueva Ecija Road (DPWH funded)</p> <p>Main Project Features: The Construction consists of 2 lanes Portland concrete cement pavement, box culvert, pipe culvert, concreting of slope protection, and hydro seeding of slope protection with a length of 4.5km.</p> <p>Activities Performed: Exercise day-to-day planning implementation and control in the execution of the project, direct supervision for all the preparations and executions of the field operations. Coordinate with the project officer concerning project implementation. Responsible for the daily activity report claims and inspection for the subcontractor works, implement project safety and quality requirements. Responsible for the implementation of construction methodologies, and procedure. Ensure that all materials used and works performed are as per specifications. Communicate with consultant, subcontractor, supervisors, planners, quantity surveyor and general workforce involved in the project and communicate with clients and their representatives, including attending regular meetings to keep them informed of progress.</p>
Jul 1999 – Aug 2001	<p>Employer: <i>Living Rock Construction Inc.</i></p> <p>Title: Civil Site Engineer</p> <p>Client: Department of Public Works and Highways</p> <p>For reference: Mr. Nelson D.Torres President Email : lrc_ndt@digitelone.com Contact no : (045)961-1632</p>	Philippines	<p>Project M: Construction of: San Fernando-Santo Tomas Minalin Tail Dike Pampanga (DPWH funded)</p> <p>Main Project Features: The project consists of 10kms sand pocket downstream flood control to trap the volcanic sediments from the 1991 eruption of Mt. Pinatubo.</p> <p>Activities Performed: Exercise day-to-day planning implementation and control in the execution of the project, direct supervision for all the preparations and executions of the field operations. Coordinates with the project officer concerning project implementation. Responsible for the daily activity report claims and inspection for the subcontractor works, implement project safety and quality requirements. Responsible for the implementation of construction methodologies, and procedure. Implement project safety and quality requirements of construction work. Ensure that all materials used and work performed are as per specifications; Communicate with clients and their representatives including attending regular meetings to keep them informed of progress. Communicate with consultant, subcontractor, supervisors, planners, quantity surveyor and general workforce involved in the project.</p>

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS AND PUBLICATIONS:

Philippine Institute of Civil Engineers since 1999; Accredited Material Engineer for Consultancy since 2001, (Department of Public Works and Highways Bureau of Research and Standards) License NO. 0891, Civil Engineer License No. 0084749

Language Skills (Indicate Only Languages in Which You Can Work):

Tagalog, English

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available, as and when necessary, to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.



Jonathan Dizon

[Signature]

Day/Month/Year

Name of Authorized Representative

[Signature]

Day/Month/Year