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CONSTRUCTION SERVICES
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Kayode Arowosegbe, PE
Construction Manager

Kayode Arowosegbe, PE, is a highly accomplished construction manager with more than 40 years of experience delivering complex heavy civil engineering projects. His expertise spans every phase of construction, from inspection to resident engineering, giving him a comprehensive understanding of schedule, cost, and safety management. He has successfully managed projects involving major earthworks, bridge and roadway construction, retaining walls, deep excavations, pump stations, slope stabilization, and storm drain systems. With a proven record of resolving design and field challenges, coordinating with multiple agencies, and leading teams on large-scale infrastructure programs, Kayode consistently delivers projects on schedule, within budget, and to the highest quality standards. His depth of experience in grading, soil remediation, and slope paving positions him as a valuable asset on urgent assignments where his ability to act decisively and maintain safe, cost-effective progress under accelerated conditions will directly benefit the program management team.

Education

- BS, Civil Engineering, Illinois Institute of Technology, Chicago

REGISTRATIONS

- Professional Civil Engineer, CA No. C51322

Project Experience

City of Rancho Palos Verdes, On-Call PM/CM Services for Palos Verdes Drive South, Rancho Palos Verdes, CA. Inspector for roadway conditions and repairs caused by damage from ongoing and recent landslide movement in the greater ancient Portuguese Bend Landslide Complex along Palos Verdes Drive South (PVDS). Ongoing repairs on PVDS keeps this major arterial and evacuation route operable.

Caltrans, Bridge Rehabilitation Projects on SR-15, Various Locations, CA. Structure Representative assigned to work with Caltrans at Barstow's field office. Kayode inspected the construction of bridge approach-slabs rehabilitation, slope-paving, and columns' seismic retrofit projects. He also mentored a Caltrans employee on rotation.

Los Angeles County Metropolitan Transportation Authority (LA Metro), SR-170 Sound Wall and Bridge Widening, North Hollywood, CA. Resident Engineer for the SR-170 project from SR-101 separation to Sherman Way OC, and on SR-405 from 0.2-mile north of Saticoy Street UC to 0.6-mile south of Roscoe Boulevard UC. This project consisted of widening eight existing bridges, widening of highway shoulders, soundwall construction on CIDH piles, relocation and re-installation of existing fiber-optic lines, and installation of electrical and ramp metering facilities. As Resident Engineer, Kayode was responsible for project management; office staff; and overseeing daily activities of the assistant resident engineer, inspectors, and other personnel. He was responsible for ascertaining that the contractor's work was adequately monitored for compliance with contract plans, technical specifications, and legal requirements. He participated in resolving design and field construction problems and actively participated in negotiating and expediting resolution of field changes. By virtue of his various projects' experiences and my deliberate implementation of the three-legged stool rule—

schedule, cost, and safety—he was able to successfully deliver this project on schedule and within budget. He made it a point of duty to communicate and implement safety rules, policies, and procedures. At $70-million cost, this is the largest soundwall project constructed by Metro.

LA Metro, I-405 (Package 5) and SR-134 (Package 7) Soundwall and Bridge Widening, Burbank, CA. Resident Engineer for Package 5 on I-405 from Devonshire Street UC to Rinaldi Street UC. The scope of work included, but was not limited to, the construction of soundwalls at various locations along the northbound and southbound freeway in the Cities of North Hills and Granada Hills. Ten existing bridges were modified; pavement/shoulders were rehabilitated and/or reconstructed; existing drainage systems impacted by the proposed soundwall construction were relocated; several overhead and roadway sign structures were relocated and adjusted; and electroliers were relocated as required by the contract drawings. Soil containing Aerially Deposited Lead (ADL) was present on the jobsite and was mitigated per the contract's specification. Package 7 consisted of SR-134 from 0.1-mile east of Cahuenga Boulevard UC to 0.1-mile east Riverside Drive UC. The scope of work included, but was not limited to, the construction of soundwalls at various locations along the I-134 freeway in the City of Burbank from Cahuenga Boulevard to east of Riverside Drive. Three existing bridges were modified; pavement/shoulders were rehabilitated and/or reconstructed; existing drainage systems impacted by the proposed soundwall construction were relocated; several overhead and roadway sign structures were relocated and adjusted; and electroliers were relocated as required by the contract drawings. Soil containing ADL was present on the jobsite and was mitigated per the contract's specification. Kayode was responsible for the overall project management. He oversaw the daily activities of the office engineer, inspectors, and other personnel. He actively engaged with the scheduler in reviewing and approving the contractor's monthly schedule update, as well as was responsible for ascertaining that the contractor's work was adequately monitored for compliance with schedule, budget, technical specifications, and legal requirements. He also served as the project's Structure Representative (SR). He trained two assistant SRs by mentoring and monitoring their daily inspection activities. Kayode resolved design and field construction problems and negotiated and expedited resolution of field changes. He communicated and implemented safety rules, policies, and procedures. He prepared and completed all reports of Structures Completion, including as-builts and forwarded them to Maintenance and the Senior Bridge Engineer.

City of Irvine, Jeffery Road Grade Separation Project, Irvine, CA. Resident Engineer for the construction of a steel-plate girders' supper-structure (railroad bridge) on a cast-in-place concrete sub-structure, and a cast-in-place pre-stressed concrete pedestrian bridge. The secondary scope of construction work included, but was not limited to, extensive roadway excavation, deep excavation for the construction of a new pump station and storm drainpipes, utility relocations, tubex-piles' driving, and retaining walls construction. Kayode's responsibilities included overall management of the project's schedule, cost, and safety; ascertaining the construction's quality assurance; interpretation of the contract specifications and drawings; coordination for the inspection of out-of-state fabrication of steel-plate girders, including visiting Utah's steel-plate fabrication shop for QA review of welding-inspection procedure; and the co-ordination of on-site materials' testing and inspection. He actively reviewed the contractor's monthly construction schedule update, as well as reviewed and pre-approved contractor's submittals prior to forwarding to the design engineer thereby mitigating possible construction delay. He also reviewed and recommended payments of contractor's monthly payment request. He verified construction changes and prepared change orders as required. He was also responsible for performing the final inspection of the bridge construction, preparation of as-built plans, and recommendation of completed project for acceptance by the City of Irvine.

City of Laguna Hills, La Paz Road Widening, Laguna Hills, CA. Resident Engineer for widening La Paz Road at I-5 and Cabot Road. Kayode was responsible for the daily activities of the project staff. He supervised the day-to-day field operations, ensured the correctness of the project records, contractor's monthly payment request and approval, negotiated and expedited contract change orders, negotiated and resolved potential claims, monitored the adequacy of the contract funds, and monitored the project schedule. He also assured adequate training for all assigned personnel.

City of Camarillo Sanitary District, Camarillo Wastewater Treatment Plant Upgrade, Camarillo, CA. Resident Engineer responsible for daily construction inspection and support of construction management administration. Kayode assisted the project manager in reviewing contractor's monthly schedule update and project cost. The scope of work consisted of, but was not limited to, the construction of new and modifications to existing facilities: aeration basins at Plants 1 and 2, primary and secondary clarifiers at Plants 1 and 2, demolition and reconstruction of the splitter box at Plant 1, modification of chlorine contact basin, construction of new equalization structure, new tertiary filters facilities, and new effluent pump station. Kayode paid strict attention to the contractor's daily quality control thus ascertaining quality assurance. He controlled construction costs by paying diligent attention to T&M-based change-order work. He also assisted the project manager in identifying potential delays by anticipating and promptly resolving disputes and issues. He prepared detailed daily construction reports. The project was ongoing when Kayode was reassigned to another project, but his efforts will be cited as an important contribution to successful project completion.

Southern California Regional Rail Authority (SCRRA/Metrolink), Santa Ana Regional Transportation Center Pedestrian Bridge Improvements/Commuter Rail's Track-Realignment, Santa Ana, CA. Resident Engineer responsible for daily construction management. The major scope of work included, but was not limited to, the following:

- Reconfiguration of the southerly portion of existing Santa Ana Station Building. The building reconfiguration scope included demolition of interior partition walls of three office spaces, drilling and placing large CIDH piles in the open space, and erection of steel columns to carry new corrugated steel/concrete deck above the open space. The deck became a pedestrian walkway from the parking structure to the new pedestrian OC bridge. New partition walls were rebuilt to reestablish the existing three office spaces.
- Construction of a new pedestrian overcrossing (structural steel bridge). Pedestrians from the parking structure use the bridge to access the station's northbound track. The existing parking structure was modified at its north-eastern corner to connect it to the station building. Approximately 680 linear feet of new concrete platform was constructed; a portion of existing track was realigned to accommodate the new station; and two elevator towers with elevator motor rooms were constructed, including the construction of underground conduits and cables for power. Irrigation/landscape work was also included.

Kayode supervised the construction management team. He reviewed and approved the contractor's monthly construction schedule update, as well as paid close attention to the contractor's quality control and ensured that the inspectors stayed on top of construction quality assurance. He controlled construction cost and delays by proactively anticipating and promptly resolving disputes and issues in a timely manner. He was instrumental in the timely delivery of the completed project built per plans and specifications, with minimum change orders, and no claims.

SCRRA, San Gabriel Track Improvements Project, Pomona to Rialto, CA. Resident Engineer responsible for construction management administration for this major track-work project. The project scope consisted of constructing approximately nine miles of new second-line track for Metrolink commuter train from Pomona to Rialto, two new railroad bridges, two new train stations, and the modification of three existing stations. Kayode led a team of professional engineers, trackwork inspectors, and material testers in overseeing the construction of this $20 million project. Kayode was responsible for the day-to-day management of the construction field-

office staff, as well as coordination of construction work and schedule with utility companies, local cities, and other agencies having jurisdiction over the project locations. Completing the project on schedule was critical, so Kayode performed timely reviews of the contractors' monthly construction schedule update. He reviewed and approved most submittals from the contractor, negotiated and processed all change orders, and reviewed and processed contractor's payment request. This project was completed on schedule, within budget, and with no claims.

City of Santa Clarita, I-5/Valencia Boulevard's Interchange Bridge Replacement Project, Santa Clarita, CA. Resident Engineer for this $25-million bridge reconstruction project. The construction tasks consisted of, but were not limited to, the demolition of an existing two-lane bridge and replacing it with a new seven-lane bridge at I-5 and Valencia Boulevard. The four existing on-and-off ramps were realigned and widened. An additional one new southbound on-ramp was constructed. Kayode supervised all daily construction management activities. He supervised structures and civil inspectors, as well as field office personnel. He coordinated the construction schedule with the client, local agencies, and Caltrans. He negotiated and processed all change orders, as well as reviewed, approved, and processed the contractor's monthly progress payment requests. He also delivered a completed quality project built per plans and specifications on schedule, within budget, and with no claims.

San Francisco International Airport (SFIA), San Francisco, CA. Structure Representative for this signature project that reconfigured freeway access to and from SFIA along Highway 101 and I-280. As the Structure Representative for the "Elevated and Surface Circulation Roadways" portion, Kayode was responsible for making sure that the approximately $45 million bridge was built per plans and specifications. He performed numerous duties on the project: active field inspection of bridge and roadway construction work, supervision of four bridge inspectors, review and approval of false work submittal, continuous monitoring of falsework erection work, and review and pre-approval of all construction materials' submittals. He also coordinated all required off-site inspections. He prepared detailed daily inspection reports and met with and updated the resident engineer of daily construction progress. He also assisted the office engineer in the preparation of monthly progress payment to the contractor.

Orange County Transportation Authority (OCTA), Elevated-HOV Transition and Freeway Widening, Orange County, CA. Structure Inspector responsible for reviewing and approving the contractor's work plans for demolition of two existing bridges. Kayode monitored and prepared daily records of bridge demolition work. He reviewed and approved shoring and false work plans for the replacement bridges. He monitored structure excavation work, inspected bridge reconstruction work, and assisted in the training of young assistant bridge inspectors. He also prepared change orders and contractors monthly progress payment. He wrote detailed daily inspection reports and kept the senior bridge engineer informed of daily construction progress. This project was completed on schedule, within budget, and with no claims.

Caltrans, Arroyo Quemado Bridge Seismic Retrofit at Hwy 101, Santa Barbara County, CA. Structure Representative responsible for reviewing and approving construction materials and the engineering shop drawings submitted by the contractor. Kayode supervised and trained two assistant bridge inspectors, actively participating in the continuous observation of contractor's construction methods and progress. He verified and implemented construction and design changes, negotiated costs associated with design and construction changes, and prepared change orders accordingly. He made field engineering decisions when appropriate; monitored contractor's construction schedule; prepared daily and weekly progress reports to Caltrans (Structures) Headquarters in Sacramento. He also coordinated all the related work of the material testing laboratory. This retrofit work was completed on schedule and within budget.

Caltrans, Chevy Chase Drive Undercrossing Seismic Retrofit, Glendale, CA. Structure Representative responsible for the inspection of construction and daily contract administration. Kayode reviewed and approved materials and engineering shop drawings submitted by contractor. He continuously observed the contractor's construction methods and progress, verified construction changes, negotiated costs associated with design and construction changes, and prepared change orders. He made field engineering decisions, monitored the contractor's construction schedule, prepared daily and weekly progress reports to Sacramento. He coordinated all the related work of the material testing laboratory. This retrofit work was completed on schedule and within budget.

OCTA, Trabuco Creek Bridge, Foothill/Eastern Transportation Corridor Agency, Orange County, CA. Civil/Structural Inspector responsible for inspecting all civil and structural construction work. The project primarily consisted of the construction of two parallel eight-span bridges, each approximately 1,400 feet long and 123 feet wide, the second largest of their kind in the continental USA. The two bridges were founded on approximately 72-inch diameter x 150-foot deep piles at a creek where the water table was 5 feet deep. This project saw the early use of Gama-Gama-Ray testing of large diameter piles. The project also included extensive roadway excavation and embankment construction, drainage facilities, and erosion control. Kayode inspected all work to ascertain quality construction and that the contractor adhered to the requirements of the plans and specifications during construction.

City of Buena Park, Dale Avenue Realignment/BNSF Railroad Bridge (Grade Separation), Buena Park, CA. Resident Engineer/Structural Representative for this major project to construct a Union Pacific Railroad (UPRR)/Metrolink Grade Separation at the existing on-grade crossing of the railroad tracks at Dale Avenue. A storm-water pump station was also constructed along with new drainage pipes. Kayode performed all the construction inspection and document control duties. He performed all field and office management functions required for the project. He also acted as the liaison between the city, contractor, design engineer, and Santa Fe Railroad regarding matters related to the bridge construction work. This project was completed on schedule, with minimum change order, and no claims.

City of Paramount, Alondra Boulevard Grade Separation (Between Paramount Boulevard and Garfield Avenue)/Union Pacific Railroad (UPRR) Bridge, Paramount, CA. Resident Engineer responsible for quality assurance, interpretation of the contract drawings and specifications, coordination and inspection of off-site fabrication of pre-cast girders, and placement of all concrete girders in the field. The major scope of construction work consisted of, but was not limited to, a railroad bridge, extensive roadway excavation, deep excavation for a new stormwater pump station and storm drainpipes, retaining walls, off-site inspection of pre-cast concrete piles and the installation of the piles, placement of aggregate base, and asphalt pavement. Kayode verified the contractor's conformance with the overall contract requirements. He monitored the construction schedule, coordinated weekly construction meetings, pre-approved contractor's submittals prior to forwarding to the design engineer, and reviewed and recommended payments of contractor's monthly payment request. He also verified construction changes and prepared change orders as required. He kept detailed construction reports and records, performed final inspection of bridge construction, prepared as-built plans, and recommended the acceptance of the completed work to the City of Paramount.

City of Rosemead, Street Widening and Reconstruction Improvements on Brighton Street, Rosemead, CA. Construction Manager responsible for project management and inspection of the contractor's work. The scope of work consisted of, but was not limited to, unclassified excavation, placement of crushed base materials "CAB", placement of concrete pavement, curb and gutter, construction of alley intersections, wheelchair ramps with pattern scoring and banding, residential driveways, catch basins, and 12-inch RCP connections to existing storm drain. Kayode performed final inspection of the completed project, prepared as-built plans, and recommended acceptance of project to the city.

City of Agoura Hills, Bridge, Street, Sewer and Storm Drain Improvements, Agoura Hills, CA. Resident Engineer responsible for ascertaining quality of constructed work, verification, and attesting to the contractor's conformance with the plans and specifications. The scope of work involved constructing a new bridge across the LA County Flood Channel, extensive roadway excavation, grading, and drainage facilities. Kayode performed inspection and prepared inspection records of pile-driving work. He inspected all construction work pertaining to the placement of aggregate base and asphalt pavement, bridge structure, and pre-stressed and pre-cast girders at an off-site location. He reviewed materials' test results and certificates of compliance, reviewed contractor's submittals, implemented design changes, verified construction changes, negotiated cost, and prepared change orders.

City of Rosemead, San Gabriel Boulevard Bridge Widening over Pomona Freeway, Rosemead, CA. Resident Engineer/Structure Representative responsible for verification of contractor's conformance with the plans and specifications, reviewing contractor's submittals, coordinating source inspections during the construction of pre-stress and pre-cast concrete girders, and reviewing tests and inspection reports performed offsite by others. Kayode verified construction changes, implemented design modifications, negotiated costs, and prepared change orders. He also reviewed the contractor's monthly construction schedule update. He reviewed, pre-approved, and recommended the contractor's monthly progress payment request. He ascertained quality of work and delivered the completed project on schedule with no claims.

LA Metro, Union Pacific Railroad Light Rail Steel Bridge, North Long Beach, CA. Civil/Structural Inspector responsible for the quality of constructed work and for ensuring contractor's conformance to the contract requirements. The major scope of work included, but was not limited to, construction of a maintenance yard for Blue Line trains, construction of access road along UPRR right of way, seismic-retrofit of existing UPRR steel bridge crossing over the Long Beach Freeway (Hwy 710) near Santa Fe Avenue, construction of a new cast-in-place concrete bridge, roadway grading, drainage facilities, placement of aggregate base and asphalt pavement. Kayode was involved in the inspection of work from the project's start through completion. He reviewed test results of construction materials performed on- and off-site, processed contractor's requests for information (RFI), calculated quantities of contract items, and regularly performed surveying for grade verification. He also inspected all construction work pertaining to the retrofit of the existing UPRR steel bridge. He prepared detailed daily inspection reports of construction work.

Caltrans, Elevated HOV at Harbor Freeway (Hwy 110), Slauson Avenue to Martin Luther King Drive, Los Angeles County, CA. Civil/Structural Inspector who assisted Caltrans' Structure Representatives to perform the daily inspections of bridge construction work. Kayode participated in the inspection of the demolition and reconstruction of four existing bridges at 43rd, Vernon, 56th, and 58th Streets. He inspected the construction of temporary corrugated sheet metal retaining walls constructed to enhance excavation for a depressed roadway. He also estimated construction materials' quantities and reviewed contractor's progress payment requests.