

October 18, 2018

Mr. Robert Eisenbeisz, PE
City Engineer/Director of Public Works
City of Rialto
335 W. Rialto Avenue
Rialto, CA 92376

Subject: ***Proposal for Construction Engineering Services
For the City of Rialto Annual Overlay Project No. 180804***

Dear Mr. Eisenbeisz:

Willdan Engineering is pleased to present the City of Rialto with this proposal to assist the City in managing the construction of the City's Annual Overlay Project No. 180804. The project involves full street reconstruction, ARHM overlay, pcc repairs, drainage improvements, traffic marking and other appurtenant work. Our understanding is the Project has an estimated construction period of 80 working days.

SCOPE OF SERVICES AND PROJECT APPROACH

The City has requested that Willdan provide an individual who will act as the Construction Manager on behalf of the City. As such, this individual will be responsible for coordinating all aspects of the construction of the project including Willdan's support staff. In providing Construction Management Services for the City's Project, Willdan will act on the City's behalf to ensure the project is constructed in conformance with the construction documents and all applicable codes and regulations, completed within the contractual time requirements, and completed within budget. Willdan will have the additional goal of creating and maintaining a complete "documentation trail" for activities that occur during the construction of the project.

Construction Management Services can be summarized in four words: coordination, review, tracking, and reporting. Willdan will coordinate the efforts of the General Contractors in constructing the project and the efforts of the City in accepting the construction and paying for it. Willdan will review all the work as it is constructed and all supporting documentation which establishes the progress of construction including all submittals and reviews and resolutions of all technical data and issues. Willdan will report to the City weekly on the progress of construction and all technical and economic parameters of the project. This weekly status report will include progress photographs.

In order to achieve and document the achievement of the goals of QUALITY, SCHEDULE and BUDGET, a systematic set of tasks will be performed by Willdan. The following is a description of those tasks and the approximate sequential order in which they will occur.

1. Familiarization With The Project: Upon being issued a Notice-to-Proceed and as directed by the City, Willdan will review all plans, specification, and estimates (PS&E) prepared by design team and all agreements and permits issued by all parties involved to become thoroughly familiar with the project. Willdan's team will meet with the City Project Manager will be held in order to confirm Willdan understanding of the requirements the project.

2. Pre-Construction Meeting: Willdan will arrange and conduct the pre-construction meeting with the General Contractors. In attendance at these meetings will be the General Contractor, Willdan's project staff, the City's Project Manager, utility company representatives and the design team. The purpose of this meeting will be to: a) review the project protocol and procedures that will be followed; b) review the contract scope of work to ensure that the contractor understands it; c) verify that all contractually required bonds and insurance certificates have been received from the contractors; d) review all inspection requirements, deputy inspection and observations by engineer-of-record; e) review the contractors' proposed work plan and schedule; and f) review the contractors' safety plan.

4. Daily Site Inspections: Willdan will perform daily site quality assurance inspections of the work. These quality assurance inspections will focus on inspecting the work being performed to ensure that the materials and their installation are in conformance with the contract drawings and specifications. In addition to performing and coordinating the inspection of the work, Willdan will review the site for conformance with the General Contractors' safety plan and for site cleanliness. The results of these daily inspections will be documented in a report that will be prepared and submitted to City. In addition to documenting on-going and complete work activities and needed and completed inspections, these reports will also document the number and type of personnel on site, weather conditions, number and type of equipment on site, visitors to the site, and any unusual or pertinent happenings.

5. Non-Conforming Work: During the daily quality assurance inspections, any work observed to be not meeting the requirements of the contract drawings and specifications will be documented via a Non-Conformance Report. These Non-Conformance Reports will be given to the General Contractor and a copy provided to the City. Willdan will maintain a log of the Non-Conformance Reports for each of the three General Contractors. These logs will document the non-conformance report number, the nature of the non-conformance, the date the report was issued, the resolution and the date of the resolution.

6. Requests for Information: The General Contractor will require clarification as the intent or specific details on the contract drawings. In order to obtain this clarification, the General Contractor will issue a Request for Information (RFI). The RFI's will be submitted by the General Contractor to Willdan. Willdan will review the RFI's for appropriateness and understanding prior to forwarding to the design team. If an RFI can be responded to by Willdan, Willdan will respond to the RFI. Willdan will initiate and maintain a log for the RFIs for each of the three General Contractors. These logs will document the RFI number, the nature of the RFI, the date the RFI was issued, the date it was forwarded for review, whom the reviewer is, the response to the RFI, the date it was received back from the reviewer and the date it was forwarded to the General Contractor.

7. Submittals: The General Contractor is required to provide submittals consisting of technical data sheets and/or shop drawings for specific components/ materials being installed. The General Contractor will submit the required submittals to Willdan and they will be reviewed by Willdan for completeness prior to forwarding to the design team. As with RFIs, Willdan will initiate and maintain a log for the submittals and these logs will document the submittal number, the nature of the submittal, the date the submittal was issued, the date it was forwarded to the reviewer, who the reviewer is, the disposition of the submittal, the date it was received back from the reviewer, and the date it was forwarded to the General Contractor.



8. Communications: During the course of the project, various forms of communication will occur—written, electronic (e-mail), or verbal (telephone calls). Willdan will strive to have all communications between the General Contractor and the City and any other entity flow through it. All communications will be documented (telephone calls by notes and e-mails by hard copy printouts) and filed. Copies of all communications will be made available to the City.

9. Weekly Progress Meetings: Willdan will conduct weekly progress meetings with the General Contractors, City Project Manager, design team when needed, and other required staff. These meetings will be held at a fixed time and day of the week. The meetings will review the work completed in the past week and look ahead at the work planned for the next two weeks. All key issues affecting the work will be discussed. The Non-Conformance, RFI and Submittal Logs will be reviewed. Any coordination issues with the City or any other involved agency will be discussed. Detailed notes of the meetings will be taken and documented and provided to all attendees prior to the next meeting.

10. Progress Photographs: Digital photographs documenting all key areas of construction will be taken weekly. The digital images will be stored both electronically and in hard copy. Selected photographs will be included in a weekly status report submitted to the City.

11. General Contractor Monthly Pay Application: Monthly, the General Contractor will prepare their Application for Payment in the City's required format. The application will be based on the General Contractor's claimed percentage complete for each schedule value in the Schedule of Values contained in the General Contractor's contract. The General Contractors will submit their monthly pay applications to Willdan. Willdan will review the applications and if in disagreement with any of the General Contractors with the percent complete of any schedule value, will attempt to resolve the disagreement with the General Contractor. Once agreement is reached or agreement to disagree, Willdan will forward its recommendations for approval of the Application for Payment to the City. Willdan additionally will ensure that included with the Application for Payment will be Conditional Waivers and Releases of Lien upon Progress Payment for the General Contractor and all appropriate subcontractors for that Application for Payment and Unconditional Waivers and Releases of Lien upon Progress Payment for the General Contractor and all appropriate subcontractors for the previous Application for Payment. Collection and tabulation of these Lien Releases will be used as a means to verify that the General Contractor is paying his subcontractors.

12. Change Orders: During the project, it is possible that the General Contractor will request Change Orders to their Contract. The General Contractor will prepare the Request for Change Order and submit it to Willdan. At the Pre-Construction Meeting, the format of any request and the required backup will be discussed. The General Contractor will be expected to provide as detailed backup as necessary to justify the change, including a breakout of all quantities, material prices, labor hours, labor rates, overhead and profit markups, and any impact on general conditions and schedule. Willdan will review any Request for Change Order. If, after this review, Willdan does not agree with the Request, Willdan will negotiate with the General Contractor until agreement is reached. At that time, Willdan will meet with the City to present the Request for Change Order. If all parties agree to the appropriateness of the change order, Willdan will prepare a Recommendation for Approval for the Change Order. Depending on the form of contract used,

Willdan will either prepare or assist the City in preparing the actual Change Order. As with RFIs and submittals, Willdan will maintain a log for the Change Orders for each of the three General Contractors. These logs will document the Change Order number, the nature of the change order, the value of the change order, the date the request was received from the General Contractor and the disposition. This log will also include all identified potential change orders.

13. Public Funding Requirements: Because the City's Project is being constructed with public funds there are some special requirements imposed on the General Contractor. The General Contractor and all his subcontractors are obligated to pay "prevailing" wages to all who perform services on the project and they are obligated to employ individuals who have a composite racial and ethnic makeup equal to that of the general population. In order to ensure that this is occurring, several tasks need to be performed including; reviewing the General Contractors' specifications with regards to Labor Compliance; reviewing with and advising the General Contractor at the Construction Status Meeting of the Labor Compliance requirements; reviewing the General Contractor's submittals including certified payrolls, statements of compliance, fringe benefits, employer contributions, and monthly manpower utilization reports for compliance; and performing jobsite employee interviews. On some projects, the City is performing these tasks and on others the Consultant Construction Manager. Willdan can perform these tasks should the City request such.

14. As-Built Drawings: The General Contractors' contracts with the City will require them to "red-line" a set of drawings in order to "as-built" them. Willdan will periodically review the General Contractors' "as-built" drawings to verify that they have "red-lined" all field changes/discrepancies.

15. Project Close-Out: Willdan recognizes that Project Close-out is not a simple thing. Project Close-out requires a methodical step-by-step review of all completed work and submitted documentation. Project Close-out initiates when the General Contractor indicates he is prepared to start close-out procedures. The first focus is on the work completed. Willdan, in conjunction with the City and the General Contractor, will conduct walk downs at the "completed" sites in order to establish a "punch list". Willdan will then monitor the General Contractors' progress in working off the "punch lists". Once the "punch list" at any of the ten sites has been completed, a final walk down with the same parties will be conducted to agree on final acceptance of the work at that site. Willdan will assist the design team / City in filing whatever Certificates of Substantial Completion are required when appropriate and obtain all final inspection signoffs. At total project completion, Willdan will obtain all required Unconditional Final Lien Waivers from the General Contractor and their subcontractors, as well as Final Labor Summary and Final Labor Certificate as part of the Review and Recommendation for Final Application for Payment.

DETAILED SCOPE OF WORD

TASK #1 - Construction Management

1. Assist the City with public awareness and information program to keep residents and local stakeholders advised of project status along with the impacts to traffic flow circulation, including answering questions from the public about the project.
2. Prepare the construction file.



3. Ensure that the contractor distributes public construction notices and places construction and information signs.
4. Prepare special concerns to be presented at the preconstruction conference.
5. Conduct meeting and prepare preconstruction meeting minutes and distribute to attendees.
6. Review contractor's safety program in consultation with City staff.
7. Through Willdan's system of project control, monitor activities related to the project such that the project is constructed pursuant to contract documents, LAPM, and in a timely fashion.
8. Log, track, and process submittals, RFIs, RFCs, CCOs, field directives, NOPCs, Non-Conformance Reports (NCRs), construction schedule, and detailed traffic control plan.
9. Closely review schedule and advise contractor to take action on schedule slippage.
10. Document contractor's 20-day notices, mechanic's liens, and stop notices.
11. Monitor and coordinate activities of design engineering support, surveying, testing, and work by utilities or other agencies.
12. Prepare weekly statement of working days and submit to the contractor and the City.
13. Provide monthly progress report.
14. Establish and conduct weekly construction progress meetings to:
 - a. Resolve all old business issues to the maximum extent possible
 - b. Address all items of new business as presented by any party
 - c. Review project schedule and address any deviations
 - d. Review submittal log in terms of items needed and resubmittals required and review RFI, RFC, CCO, NCR, and NOPC logs
 - e. List status of construction items recently undertaken or ongoing
 - f. List planned construction items for the next two weeks, usually known as the two-week look ahead schedule
 - g. Review SWPPP issues
 - h. Review contractor's safety program
15. Prepare minutes for the weekly construction progress meeting.
16. Provide claims mitigation monitoring, including proactively applying foresight to discover unforeseen conflicts prior to contractor encounter.
17. Evaluate and respond to the contractor's requests for clarification of plans and specifications.
18. Ensure that all questions, conflicts, and issues are immediately brought to the City's attention and addressed with appropriate directives to the contractor.



19. Conduct special site meetings, when necessary, with the contractor and City staff to review job progress, scheduling, and coordination.
20. Perform quantity, time, and cost analyses required for negotiation of contract changes.
21. Negotiate and prepare change orders, including memorandum of explanation and cost estimates to substantiate change order costs and provide to City for review.
22. Monitor and perform immediate and thorough analysis of validity of all potential claims that arise.
23. Maintain all data for change orders and record information with regard to the time of dispute, time of notification by the contractor, and action taken by the inspector.
24. Monitor materials documentation and testing results and enforce corrections.
25. Review for approval the contractor's progress payment requests, including verifying LAPM compliance status and impact on payment; negotiate differences over the amount with the contractor; and process payments through the City's Project Manager.
26. Monitor preparation of a punch list at substantial completion and follow up.
27. Routinely review construction files to ensure conformance to City standards and good construction management practice.
28. Ensure City received as-built set of drawings at completion.
29. Assist City with stop notices and release of retention.
30. Provide memorandum of clearance to issue the notice of completion.
31. Finalize and deliver all construction files and supplies to the City for their records.

TASK #2 - Construction Inspection

1. Review plans, specifications, and all other contract- and construction-related documents.
2. Conduct a field investigation of the project area to become familiar with the existing facilities and the project environment.
3. Become familiar with traffic control plans, construction schedule, construction sequence, and permit requirements from other agencies.
4. Verify that the contractor conforms to the design survey line and grades.
5. Attend weekly progress meetings with the resident engineer, contractor, and subcontractors.



6. Provide full-time and as-needed construction inspection, including night inspection, of the work to monitor materials and methods for compliance with plans, specifications, and contract documents; address and document non-conforming items as they are discovered.
7. Monitor compliance with Cal OSHA requirements and compliance with all local, state, and federal regulations. Although Willdan will monitor the activities, it is the contractor's sole responsibility to provide workers with a safe working environment.
8. Provide Willdan's labor compliance manager with federally-compliant labor and equipment reports, labor classification interviews, and assist with certified payroll review.
9. Monitor compliance with the Clean Air Act and the Clean Water Act (National Pollutant Discharge Elimination System – NPDES best management practices). Also, monitor the contractor's compliance with approved SWPPP.
10. Meet with the contractor at the beginning of each day and review the proposed work plan, including specific details that may affect progress.
11. Conduct daily measurements of quantities of work with the contractor.
12. Review actual contractor performance throughout the day and discuss discrepancies with the contractor as they occur.
13. Assist in coordination of engineering support, surveying, specialty inspections, and fieldwork by utility companies.
14. Ensure compliance of Underground Service Alert notification/delineation.
15. Evaluate the contractor's operation and production with respect to quality and progress and report to the resident engineer.
16. Photograph continuous property frontages along the street alignment once prior to construction and once immediately following construction. Maintain a photographic record of key elements of each major operation of work each day, with increased detail in situations of potential changes or claims.
17. Closely monitor testing results and require the contractor to provide corrective measures to achieve compliance.
18. Maintain copies of all permits needed to construct the project and enforce special requirements of each.
19. Prepare and maintain detailed daily diary inspector reports on construction progress.
20. Prepare clear and concise letters and memoranda, as needed. Establish a solid paper trail.
21. Maintain field file bound workbooks during construction, including a cumulative record of quantities constructed, daily and weekly reports, working day reports, change order documentation, photographs, and other documentation.



22. Review the construction schedule and enforce requirements for updating schedules and maintaining appropriate progress of the work.
23. Analyze delays and review claims on a timely basis and make recommendations to the construction manager.
24. Assist with the review and evaluation of change order work.
25. Provide complete measurements and calculations documented to administer progress payments.
26. Maintain and submit a clean set of plans marked in red for as-built corrections on record drawings to be filed with the City. (City's design consultant will transfer the contractor's record drawings to original Mylar drawings.)
27. Prepare a punch list at substantial completion and follow up with the contractor regarding progress of corrections.
28. Schedule a final inspection with the City and applicable agencies; prepare, distribute, and inspect corrections to the final punch list for completion; and recommend final acceptance.
29. Prepare documentation for final payment to the contractor.
30. Upon project completion, provide the finished set of project workbooks to the City.

TASK #3 – LABOR COMPLIANCE

1. Attend preconstruction conference to present federal labor compliance requirements to contractor and subcontractors; prepare minutes and attendance record thereof.
2. Verify and document job-site posting of wage rate information and labor compliance posters.
3. Receive and review labor compliance documentation from public works observers or inspectors and compare with contractor-submitted documents. Monitor contractor-submitted payroll documentation on a continuous basis, including weekly certified payroll reports, fringe benefit statements, apprenticeship documentation, and payroll deduction authorizations.
4. Follow up with contractor by telephone, email, and/or certified mail regarding required document submittals and payroll discrepancies and deficiencies. Provide detailed description of alleged deficiencies; outline corrective action to be taken; and enforce regulatory deadlines for compliance.
5. Receive, pursue, and document labor complaints; prepare violation reports to oversight agencies as required; recommend special action to be taken if contractor continuously fails to comply with requests and requirements.
6. Coordinate with City staff the withholding of progress and/or retention payments if contractor fails to abide by labor compliance requirements.



7. Maintain content and format of federal labor compliance file in conformance with applicable San Bernardino County COG and Caltrans requirements.
8. Coordinate project file reviews by appropriate San Bernardino County COG and Caltrans staff.
9. Submit complete federal labor compliance file to City for retention. (Note: federal labor compliance files are to be retained for a period of not less than three (3) years.)

TASK #4 - Geotechnical and Materials Testing

1. Review project plans and specifications.
2. Attend construction meeting, if needed.
3. Provide qualified Caltrans-certified soils technician for as-needed observation and testing during subgrade preparation to perform as-needed field density tests and/or probing of subgrade to document the quality of compaction for compliance with project specifications. The technician will also collect bulk samples of exposed or proposed replacement soil and aggregate base samples for maximum density testing and other as needed testing.
4. Provide a qualified ACI-certified concrete technician for as-needed observation and testing of concrete placement for areas with PCC pavement. The technician will perform field slump tests, including temperature measurement and cast cylinders for later transport, curing, and compression testing.
5. Report/provide update of ongoing tests, including compression testing of concrete cylinders (i.e., 7-day and off-schedule breaks)
6. Report laboratory test results, including 28-day break results for concrete cylinders.
7. Prepare and submit daily field testing and observation reports indicating information pertinent to the observations performed and their compliance or non-compliance with project documents and applicable codes. These will be provided to the City.
8. Provide technician coordination, dispatch, material engineering review, test reporting, quality assurance/control, and administrative support services.
9. Prepare a final project certification document, if requested, upon project completion. This document will be prepared under the supervision of and signed by a California registered geotechnical engineer and will include daily reports summarizing construction activities, conclusions, and results of all tests and inspection. All non-conforming materials and steps taken to bring them into conformance will be noted.

PROJECT TEAM

Although overall firm credentials and experience are important, the key to the successful outcome for this type of project is the caliber and depth of experience of the specific individuals assigned to the project team. This involves putting together a team with diverse capabilities. Team members need experience and knowledge to quickly resolve design challenges and field issues, but they also need excellent communication skills to interact with the various stakeholders. The Willdan team meets these requirements! Because of the experience of the proposed staff, Willdan will not require the use of any subconsultants.



Willdan proposes the following construction engineering team:

Mr. Jason Brown, RCI, Construction Manager will act as the Construction Manager for the project. Mr. Brown has a proven track record of providing CM services to the City of Rialto. Examples of Mr. Brown's recent City of Rialto CM experience include the award-winning Rails to Trails Project, 170805 Annual Pavement Rehabilitation Project, and 160801 2015-15-16 Overlay Project. Mr. Brown has over 26 years of public works construction experience and has been providing CM services to the City of Rialto for the past 5 years. A brief resume for Mr. Brown is attached to the proposal.

Mr. Barry Knutson will serve as Inspector. Mr. Knutson will be responsible for providing the public works observation services listed in our proposal. His experience includes over 35 years of public works construction experience including: assignments in administration and inspection of parks, subdivisions, traffic signals, storm drains, sanitary sewers, ARHM overlays, conventional asphalt overlays, and street beautification projects with raised landscape medians and decorative parkway renovations. Mr. Knutson will work with Mr. Baca to ensure the project is constructed on time, within budget, and to City standards. A brief resume for Mr. Knutson is attached to the proposal.

Mr. Mohsen Rahimian, PE, GE, will serve as Materials Testing Specialist. Mr. Rahimian will be responsible for geotechnical acceptance testing as required by the City's Quality Assurance Plan. He possesses experience performing soil mechanics and foundation engineering, soil stabilization, landslide analysis and stabilization, settlement evaluations, liquefaction studies, temporary and permanent slope stability analyses, laboratory testing, and onshore/offshore exploration. Mr. Rahimian's familiarity with seismic-related geotechnical programs enables efficient slope stability, liquefaction, and site-response analyses.

Ms. Jane Freij will serve as Labor Compliance Task Leader. She possesses over 19 years of experience providing oversight of labor compliance monitoring services for federally-funded projects. Ms. Freij offers specialized training in reporting requirements and fraud detection and prevention.

PROJECT FEE

Willdan proposes to perform the required construction management services on a time and materials (T&M), not-to-exceed (NTE) basis. Willdan's proposal is based on the City's 80 Working Days construction schedule. Willdan would anticipate that an additional four (4) weeks would be required for project closeout. Based on this schedule assumption and the scope of the actual construction, Willdan estimates its T&M NTE fee for these services to be as follows (see attached spreadsheet for detailed fee analysis):

Total Estimated T&M & NTE Labor Fees = \$151,348.00

Willdan looks forward to the opportunity to assist the City on this very important project. Should you have any questions regarding our proposal, please do not hesitate to contact me at (562) 364-8198.

WILLDAN ENGINEERING



Chris Baca
Director of Construction Management and Inspection

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CITY OF RIALTO
FEE PROPOSAL
FOR
CONSTRUCTION MANAGEMENT
180804 Annual Overlay
10/18/2018

TASK / CLASSIFICATION	CONSTRUCTION/PROJECT MANAGER-JASON BROWN	PUBLIC WORKS INSPECTOR-BARRY KNUTSON	LABOR COMPLIANCE (JANE FREIJ)	MATERIAL TESTING	Clerical	TOTAL LABOR	MISC. EXPENSE	TOTAL COST
HOURLY RATE:	\$139	\$108	\$165	NTE	\$65			
TASK 1 - CONSTRUCTION MANAGEMENT	296	0	0	0	8	\$41,664	\$250	\$41,914
TASK 2 - CONSTRUCTION INSPECTION	0	640	0	0	6	\$69,510	\$180	\$69,690
TASK 3 - LABOR COMPLIANCE	0	0	64	0	8	\$11,080	\$0	\$11,080
TASK 4 - MATERIAL TESTING	0	0	0	\$19,200	0	\$0	\$19,200	\$19,200
POST CONSTRUCTION SERVICES	60	8	0	0	4	\$9,464	\$0	\$9,464
TOTALS	356	648	64	NA	26	\$131,718.00	\$19,630.00	\$151,348.00

This not-to-exceed fee is based on a 80 working day contract. Additional services needed beyond the contract specified date of completion will be provided on a time-and-material basis at Willdan's current standard hourly rates.

Jason Brown, RCI

Supervising Public Works Observer

Education

*Public Works Inspection,
Fullerton Community College*

Registration/Certification

*Construction Inspector,
California No. 5510*

26 Years' Experience

Mr. Jason Brown serves as both a Construction Manager and Supervising Public Works Observer for Willdan; his duties include the inspection and management of large-scale public works improvement projects. His experience includes the construction administration and inspection of subdivisions, traffic signals, storm drains, sanitary sewers, ARHM overlay, conventional asphalt overlays, and street beautification projects. In addition, Mr. Brown has experience with specially funded projects, such as ISTEAs and CDBG. During Mr. Brown's 26 years of experience with Willdan, he has served as a Permit Inspector for the Cities of Paramount, Bell Gardens, and Rosemead.

Mr. Brown's previous experience includes concrete cutting and core drilling, landscape construction and maintenance, concrete finishing, and masonry construction.

Relevant Project Experience

Annual Pavement Slurry Seal, City of Rialto, California. Public Works Observer. Project includes the installation of approximately 3,579,505 SF of street slurry and 3,435,505 of scrub seal.

Resource Center Plan, CB1605, City of Rialto, California. Construction Manager. Mr. Brown was responsible for contract administration and inspection scheduling. Willdan provided professional construction engineering services for the subject project. The project includes miscellaneous ADA improvements to the Resource Center parking lot and sidewalk. Constructed improvements include ADA accessible pedestrian entrance ramps, ADA path of travel, and adjacent parking lot improvements at the Rialto Community Resource Center.

Anderson Park, Rialto City Park, and Fisbee Park Improvements, City of Rialto, California. Construction Manager. Mr. Brown was responsible for contract administration and inspection scheduling. Willdan provided construction management and inspection services for this project to demolish multiple buildings at Anderson Park, Rialto City Park, and Fisbee Park, and construct new pre-fabricated concessions and restroom buildings at each park. The general nature of the work included: clearing, grubbing, removals and demolition of existing trees, concrete flatwork; of new on-site domestic water system and new on-site septic system; demolition and removal of multiple buildings; complete coordination, site preparation and utility hookups of prefabricated concessions and restroom buildings (separate buildings), modification of existing walkways, installation of new walkways and concrete plazas surrounding the structures; and lighting. Total construction cost was approximately \$690,000.

Annual Street Overlay Project, City Project No. 170804, RFB No. 18-002, City of Rialto, California. Public Works Observer. Project includes asphalt overlay to various streets throughout the City.

3rd Street Construction Management and Inspection, City of Davis, California. Public Works Observer. Willdan provided public works inspection, resident engineering, Caltrans invoicing, material testing, and labor compliance services. It is our understanding the project consists of improvements along Third Street Between A Street and B Street. The work includes demolition, grading, temporary walkways, tree removal and tree protection, concrete flatwork, truncated domes, geogrid, filter fabric, stone base, permeable and non-permeable pavers, storm drainage system, utility services and adjustments, signage striping and pavement markers, posting kiosk, bike counter and detection loops, bike racks, bollards, street furniture, street lighting, signal modifications, and other appurtenant work.



Barry Knutson

Senior Public Works Observer

Education

*Construction Estimating,
Electrical House Wiring, Heat
Vent A/C Systems, Fullerton
College, Fullerton*

*Graduate, Carpenter's Union
Apprenticeship School Local
1815*

Registration/Certification

*General Contractor,
California No. B-1*

35 Years' Experience

Mr. Barry Knutson has over 35 years of experience in the construction industry here in Southern California. He has worked as a Carpenter's Apprentice, Journeyman Carpenter, Carpenter Foreman, Estimator, Assistant Superintendent, Superintendent, Purchasing Agent, and more specifically as a Senior Construction Administrator on large scale Capital Projects throughout the County of Los Angeles for the last 12 years.

Relevant Project Experience

Ayala Drive Street Improvement and Traffic Signal Project, City of Rialto, California. Public Works Observer. Willdan provided construction management, public works inspection, labor compliance, material testing, and federal invoicing for the project. The project involved the reconstruction of Jerry Eaves Park north parking lot. ARAH overlay of Ayala, construction of new landscape medians, installation of two new traffic signals, and other appurtenant work. Total cost for the project came in at \$5,200,000.

Maple Avenue Street Improvements, City of Rialto, California. Public Works Observer. Willdan will provide inspection for the City's Maple Avenue concrete repair project. The project involves the removal and replacement of damaged sidewalk, curb, gutter, cross gutter, driveways, and other pcc improvements. Willdan provided construction management and inspection services on the project.

Anderson Park, Rialto City Park, and Fisbee Park Improvements, City of Rialto, California. Public Works Observer. Mr. Knutson was responsible for daily observation of the construction activities, contract administration, and verifying conformance to the Contract Documents. Willdan provided construction management and inspection services for this project to demolish multiple buildings at Anderson Park, Rialto City Park, and Frisbee Park, and construct new pre-fabricated concessions and restroom buildings at each park. The general nature of the work included: clearing, grubbing, removals and demolition of existing trees, concrete flatwork; of new on-site domestic water system and new on-site septic system; demolition and removal of multiple buildings; complete coordination, site preparation and utility hookups of prefabricated concessions and restroom buildings (separate buildings), modification of existing walkways, installation of new walkways and concrete plazas surrounding the structures; and lighting. Total construction cost was approximately \$690,000.

Traffic Signal Improvements at Linden Avenue and Riverside Avenue, City of Rialto, California. Public Works Observer. Willdan provided professional construction engineering services for the subject project. The project includes traffic signal improvements at the intersection of Linden and Riverside Avenue. Project includes the installation of new ADA compliant ramps, curb returns, sidewalk, asphalt pavement, installation of new traffic signals, and other appurtenant work. Willdan provided construction management and inspection services on the project.

Firestation 201 Remodel, City of Rialto, California. Public Works Observer. Willdan was retained to provide construction management and building inspection for the City of Rialto's Fire Station 201 Remodel Project. The project involved remodeling of the existing Fire Station 201 dorm room into individual rooms by adding partitions, dropping the ceiling, and reworking the HVAC and lighting. The constructed improvements included installation of new cabinets, ADA improvements, upgrade to HVAC, and other appurtenant work. Total construction cost was approximately \$355,000.

