



## City Council Staff Report

DATE: July 1, 2015

CONSENT CALENDAR

SUBJECT: AUTHORIZE APPROVAL OF A PURCHASE ORDER IN THE AMOUNT OF \$37,960 TO WILLDAN ENGINEERING FOR PUBLIC WORKS INSPECTION AND MATERIALS TESTING SERVICES FOR PUBLIC IMPROVEMENTS ASSOCIATED WITH PARCEL MAP 36446 ("DOWNTOWN PALM SPRINGS")

FROM: David H. Ready, City Manager

BY: Public Works & Engineering Department

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### SUMMARY:

This action will authorize the City Manager to approve a Purchase Order in the amount of \$37,960 to the City's "on-call" public works inspection firm, Willdan Engineering, to coordinate and provide construction inspection and materials testing services for public sewer, street, and storm drainage improvements associated with the new public streets to be constructed within Parcel Map 36446, ("Downtown Palm Springs").

### RECOMMENDATION:

1. Approve a Purchase Order in the amount of \$37,960 to Willdan Engineering, in accordance with Agreement No. 6688, for construction inspection and materials testing services for public sewer, street, and storm drainage improvements associated with the new public streets to be constructed within Parcel Map 36446, "Downtown Palm Springs"; and
2. Authorize the City Manager to execute all necessary documents.

### STAFF ANALYSIS:

On December 2, 2009, the City Council adopted Ordinance No. 1764, adopting the Museum Market Plaza Specific Plan (the "Specific Plan"). The original land use and development pattern of the Specific Plan area, consisted of Blocks A through H, K1 and K2, and new public streets comprising a total of 18.5 acres within downtown Palm Springs.

On September 7, 2011, the City Council adopted Resolution No. 23018, authorizing the City and the Developer to enter into a Project Financing Agreement ("PFA" – Agreement

No. 6144) applicable to the financing, development, redevelopment, creation and refurbishment of public and private improvements within the Specific Plan area. The PFA included, among other things, a Site Plan and Project Description depicting the proposed improvements, including new public streets described as Museum Street, Andreas Road, and the Belardo Road extension.

On October 17, 2012, the City Council adopted an Addendum to the Specific Plan Environmental Impact Report ("EIR") allowing for implementation of a revised Downtown Revitalization Plan ("Downtown Palm Springs"), and conforming the revitalization plan to the Specific Plan. The revised layout for Downtown Palm Springs envisioned in the approved amendment to the Specific Plan revised Block letter designations as shown in Figure 1.

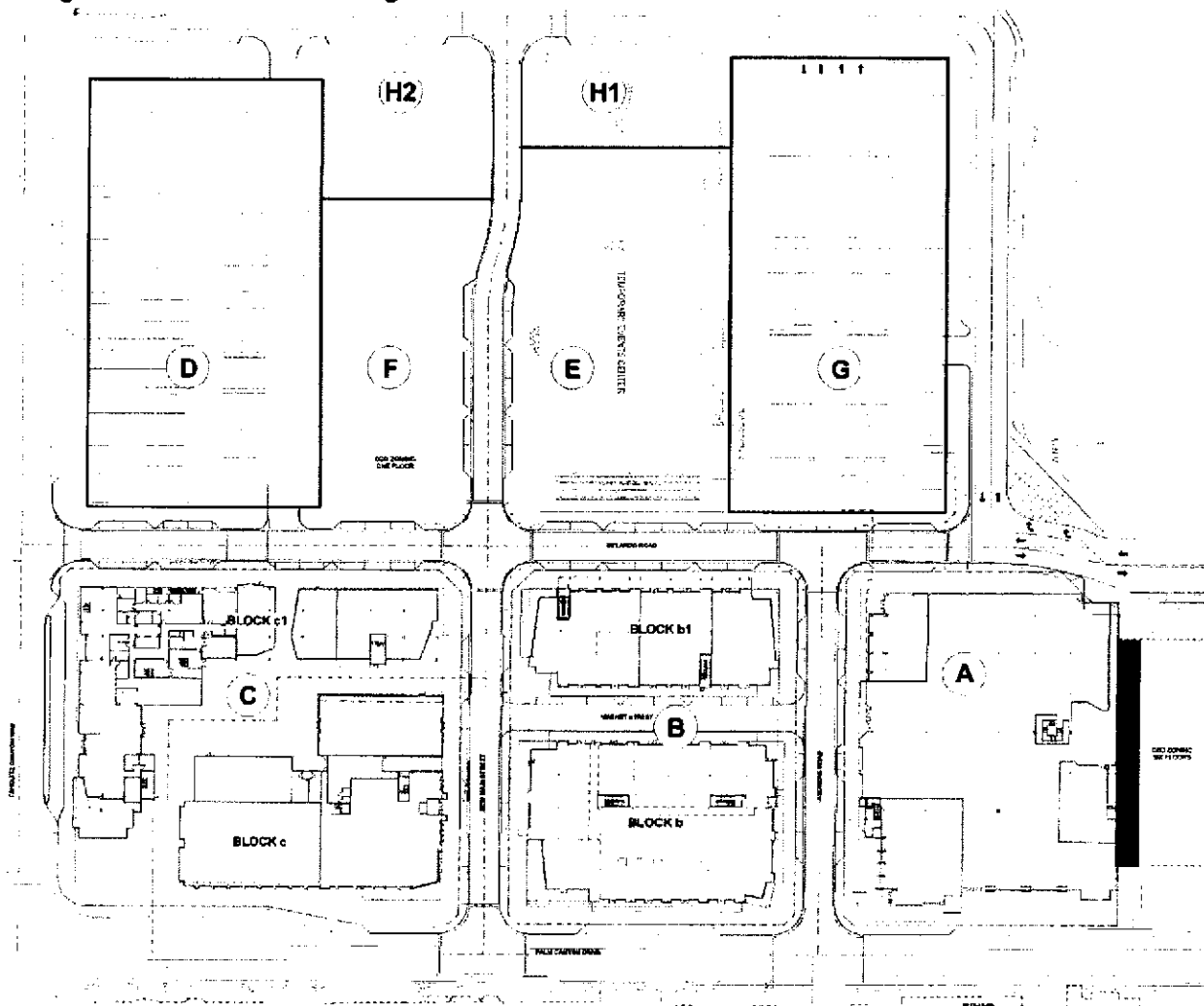


Figure 1

On December 19, 2012, the City Council approved Tentative Parcel Map 36446, and associated development applications associated with the "Downtown Palm Springs" project. Subsequently, on November 5, 2014, the City Council approved Parcel Map

36446 associated with the “Downtown Palm Springs” project, officially subdividing the 18.5 acre project site into 14 parcels and related public streets.

On April 1, 2015, the City Council approved Agreement No. 6688 with Willdan Engineering for professional first class as-needed construction management and inspection (“Owner’s Rep”) services associated with a variety of future Public Works capital projects, and as-needed inspection services of various improvements related to private land development projects. The “Downtown Palm Springs” project is a quasi-public-private partnership between the City and the Developer, and in accordance with the terms and conditions of the PFA, the Developer will construct the public improvements on behalf of the City.

The Developer has completed the final design of various public improvements associated with the “Downtown Palm Springs” project, including extension of public sewers, construction of new public street improvements, and storm drainage improvements. Construction of these new public improvements will soon commence, and it is necessary to retain the services of our “on-call” construction management and inspection firm to coordinate oversight of the construction of these public improvements by the Developer.

Accordingly, staff requested proposals from its three “on-call” firms (Dudek Engineering, Interwest Consulting Group, and Willdan Engineering), and recommends that the City Council authorize the City Manager to approve a Purchase Order with Willdan Engineering in the amount of \$37,960 for the required public works construction inspection and materials testing services; a copy of Willdan Engineering’s proposal is included as **Attachment 1**.

#### ENVIRONMENTAL IMPACT:

On June 13, 2008, the City of Palm Springs, acting as Lead Agency under the California Environmental Quality Act (“CEQA”), issued a Notice of Preparation (“NOP”) and Initial Study for the preparation of a Draft Environmental Impact Report (the “Draft EIR”) on the Museum Market Plaza Specific Plan (Case No. 5.1204). The NOP was circulated for public review from June 16 through July 17, 2008. The Draft EIR was subsequently circulated for public review from October 22 through December 17, 2008. In accordance with the CEQA Guidelines, on November 18, 2009, the City Council adopted Resolution No. 22625, certifying the Final Environmental Impact Report (State Clearing House No. 2008061084) (the “Final EIR”) for the Museum Market Plaza Specific Plan (Case No. 5.1204), including amendments to the 2007 General Plan and Palm Springs Zoning Code, making certain findings relating to the environmental effects identified in the Final EIR, and adopting a Statement of Overriding Considerations and a Mitigation Monitoring and Reporting Program. The City Council subsequently reaffirmed and re-adopted Resolution No. 22625 on December 2, 2009.

On October 17, 2012, the City Council adopted Resolution No. 23238, approving an

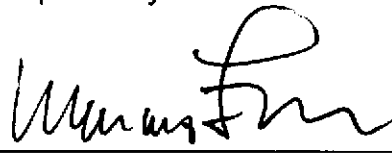
Addendum to the Final EIR for the Museum Market Plaza Specific Plan (Case No. 5.1204), and identifying the implementation of a revised Downtown Revitalization Plan ("Downtown Palm Springs") as conforming to the Museum Market Plaza Specific Plan. Included as part of the Downtown Revitalization Plan is the development of various public streets and related improvements; therefore, construction of the new public streets and related improvements, as a "Project" under CEQA, has previously completed environmental review as required by the CEQA Guidelines, and no further environmental review is required.

FISCAL IMPACT:

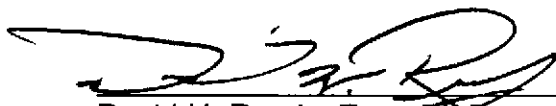
Sufficient funds are available in the Measure J Capital Improvement Fund, in Account No. 260-4500-59424 (Downtown PS Redevelopment Expense).

SUBMITTED

Prepared by:

  
\_\_\_\_\_  
Marcus L. Fuller, MPA, P.E., P.L.S.  
Assistant City Manager/City Engineer

Approved by:

  
\_\_\_\_\_  
David H. Ready, Esq., Ph.D.  
City Manager

Attachment:

1. Willdan Engineering Proposal
2. Vicinity Map

ATTACHMENT 1

June 22, 2015

Mr. Savat Khamphou  
Assistant Director of Public Works  
City of Palm Springs  
3200 E. Tahquitz Canyon Way  
Palm Springs, CA 92262

**Subject: (REVISED) Proposal for Construction Engineering Services – Tract 36446 (Sewer, Brick Pavers, Street Work)**

Dear Mr. Khamphou:

Willdan Engineering is pleased to submit this revised proposal to provide professional construction engineering services for the subject project. Willdan's revised proposal includes the public works inspection and material testing of the sanitary sewer, drainage improvements, street improvements, brick pavers, and storm water monitoring. It is our understanding the City is in need of a qualified senior level construction inspector to monitor the work. We are proposing to utilize the services of Alberto Rosiles, Senior Public Works Inspector to provide the requested construction engineering services. Mr. Rosiles will be on the project part-time and has over 35 years of public works construction experience.

Willdan's proposal is based on a 100 working day construction schedule and provides for part-time monitoring of the work. The following is our proposed scope of work and estimated fee:

## **SCOPE OF WORK**

### **Construction Inspection**

The construction observation services are generally performed in accordance with the provisions of the latest editions of the Standard for Public Works Construction "Green Book," Project Special Provisions, Caltrans Standard Specifications, and the Public Work Inspector's Manual. Following is a listing of the inspection services that will be applied to the project.

1. Conduct a field investigation of the project area to become familiar with the existing facilities and the project environment.
2. Become familiar with traffic control plans, construction schedule, construction sequence, and permit requirements from other agencies.

3. Meet with Agency staff to review the scope of work and establish project schedules.
4. Provide **part-time** construction observation of the work to monitor materials and methods towards compliance with plans, specifications, and contract documents, and address and document non-conforming items as they are discovered.
5. Monitor compliance with Cal OSHA requirements and compliance with all local, state, and federal regulations, including but not limited to, Clean Air Act and Clean Water Act (NPDES).
6. Meet with the contractor at the beginning of each day and review proposed work plans, including specific details that may affect progress.
7. Conduct weekly jobsite meetings and other meetings with Agency staff, merchants, engineer, public relations personnel, contractor, and construction administrator, as needed.
8. Observe construction safety and public safety and convenience and report discovered discrepancies to construction administrator and Agency; however, the Contractor is solely responsible for site and public safety.
9. Maintain copies of all permits needed to construct the project and enforce special requirements of each.
10. Maintain detailed daily diary on construction progress showing site conditions, weather conditions, traffic control measures taken by the construction contractor, labor, equipment, and materials used during the day, and major incidences occurring each day.
11. Prepare clear and concise letters and memorandums, as needed.
12. Maintain field file bound workbooks during construction, daily and weekly reports, working day reports, photographs, BMP forms, and other documentation.
13. Review the Contractor' as-built corrections and ensure record drawings were provided to the Agency.
14. Prepare punch list at substantial completion and follow up.
15. Upon project completion, provide the finished set of project workbooks to the Agency.
16. Monitor contractor's operations for conformance with the approved WQMP.

17. Provide weekly BMP paperwork and monitor contractor's designated QSP & QSD for conformance with Board Order No. R7-2013-0011, NPDES No. CAS 817002. (See attached Willdan BMP report for example of report to be used by Willdan's proposed inspector.)
18. Material Testing – See attached Exhibit A for a breakdown of Willdan's material testing fee and scope of work.

## **PROJECT TEAM**

Willdan proposes the following team members.

**Mr. Elroy Kiepke, CBO, PE– QSP/QSD Compliance Officer.** Mr. Kiepke presently serves as a City Engineer for Willdan. He joined Willdan in July 1979 to assist in the formation of the Building and Safety Division. As the division grew, he became the Division Manager for Plan Check Services and City Engineer for some of Willdan's client cities. Mr. Kiepke began his professional career with the County of Los Angeles in June 1969. He received training in building plan check and subdivision plan check before taking permanent positions in the Subdivision Section and Building and Safety.

**Mr. Alberto Rosiles,** Senior Public Works Observer has over 30 years of experience in the construction industry here in southern California. Mr. Rosiles' experience includes street rehabilitation projects in various cities where his responsibilities included quality control, quantity calculations, and project management. His areas of expertise includes A.C. heater remix, A.C. rubber paving, overlay, P.C.C., slurry seal, underground facilities, cast-in-place pipe, A.C. and P.C.C. batch plant inspection, roadways, highways, bridges, landscape, and vertical construction.

**Mr. Larry D. Brown,** will serve as the additional as-needed public works inspector. Mr. Brown's 27 years' of field experience includes drainage facilities, railroad grade crossings, highway and landscape improvements, traffic signals and signing projects, and underground utility construction, as well as commercial and residential development projects. Mr. Brown served as public works observer for the Cities of Hesperia, Moreno Valley, and Temecula, and was responsible for review of plans and specifications prior to construction, to ensure compliance with city standards. He also conducted field observations of the improvements. Mr. Brown's construction administration experience includes: coordinating activities with contractors, utility companies, and other agencies; processing change orders, progress payments, and other construction documents; investigating citizen complaints, and resolving field problems; and reviewing plans, specifications, and estimates packages for compliance with city.

## **FEE**



Our proposed not-to-exceed fee for the Scope of Work identified above is **\$37,960.00** and is based on a construction timeline of three months (100 working days). Invoices will be submitted monthly with back-up information substantiating all charges to date. All work associated with this proposal will be performed pursuant to Willdan's current City of Palm Springs on-call construction engineering contract. The following is Willdan's cost breakdown to provide construction engineering services:

Classification	Rate	Hrs.	Total
Construction	\$105	260 Hrs.	\$27,300.00
NPDES Review (Elroy Kiepke)	\$185	16 Hrs.	\$2,960.00
Material Testing			\$7,700.00
<b>Total Not-to-Exceed Fee</b>			<b>\$37,960.00</b>

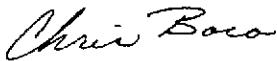
Thank you for this opportunity to be of continuing service to the City of Palm Springs. We recognize the importance of this project to the City and are committed to realizing its timely and successful completion. Should you have any questions regarding this proposal, please contact Mr. Chris Baca at (562) 364-8198.

Respectfully submitted,

Approval and Authorization to Proceed By:

**WILLDAN ENGINEERING**

**CITY OF PALM SPRINGS**



Chris Baca  
Deputy Director of Construction Management

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Enclosure

91005\06-150\P15-136\_11294

## M. Alberto Rosiles

### Senior Public Works Observer

#### Education

*Los Angeles Trade Tech*

*Courses in plan reading, concrete inspection, and building codes.*

*Orange Coast College*

*Soil mechanics course in field and laboratory techniques, soils testing, and inspections.*

*Secretary of Public Works in Departments of Projects and Laboratories*

*Courses and work in exploration, soil mechanics, concrete, pavements, and inspections on numerous projects in Mexico.*

*Secretary of Public Works Department of Highways*

*Intensive courses in surveying and road locations on numerous projects in Mexico.*

#### Registration

*Reg. 2474, State Examination for registration as a Construction Inspector Earthworks and Concrete*

*Reg. 527, City of Long Beach Registered Deputy Pile Inspector*

*Reg. 432, City of Irvine Registered Deputy Grading and Asphalt Inspector*

*CPN 13488, Certified Nuclear Gauges Technician*

#### 31 Years' Experience

**Mr. M. Alberto Rosiles** has over 31 years of construction observation experience.

Mr. Rosiles' experience included street rehabilitation projects in various cities where his responsibilities included quality control, quantity calculations, and project management. His areas of expertise includes A.C. heater remix, A.C. rubber paving, overlay, P.C.C., slurry seal, underground facilities, cast-in-place pipe, A.C. and P.C.C. batch plant inspection, roadways, highways, bridges, landscape, and vertical construction.

#### Relevant Project Experience

**Bradford/Madison Street Improvement, City of Placentia, California.** Public Works Observer. This project involved providing professional construction engineering and funding administration for the Bradford/Madison Street Improvement Project. Willdan provided labor compliance, construction management, and construction inspection services for the ARRA funded project. The project involved the removal and replacement of damaged street sections, asphalt overlay, miscellaneous concrete repairs to sidewalks and curbs, planting of street trees, and other appurtenant work.

**Third Street Improvement Project, City of Calimesa, California.** Public Works Observer. This project involved providing professional construction engineering and funding administration for the Third Street Improvement Project. Willdan provided labor compliance, construction management, and construction inspection services for the ARRA funded project. The project involved the removal and replacement of damaged street sections, asphalt overlay, miscellaneous concrete repairs to sidewalk and curbs, planting of street trees, and other appurtenant work.

**Ramona B Street Improvement Project, City of Baldwin Park, California.** Public Works Observer. This project involves providing construction engineering and funding administration for the Ramona B Street Improvement Project. Willdan is providing labor compliance, construction management, and construction inspection services for the ARRA funded project. The project involves the removal and replacement of damaged street sections, asphalt overlay, miscellaneous concrete repairs to sidewalks and curbs, planting of street trees, and other appurtenant work.

**Placentia Avenue Overlay Project, City of Placentia, California.** Public Works Observer. Willdan provided construction management, public works observation, material testing, and labor compliance services for the City of Placentia's Placentia Avenue Overlay Project. The project will involve the removal and replacement of damaged curb/gutter, sidewalk, and the installation of an Asphalt-Rubber Hot Mix (ARHM) overlay.

**Recreation Center Master Plan Expansion - Construction Services, City of Fountain Valley, California.** Senior Public Works Observer. The work effort included design and construction management services to rough and mass grade the site for constructing roadways, parking lots, pedestrian walkways, sports facilities, and amenities. These amenities included landscaping, irrigation, playing fields, stadium facilities, jogging paths, a maintenance building, and lighting. The project amenities are spread over 76 acres near the Mile Square Park area. Willdan's design team provided construction support and construction staking services throughout construction. Our construction management team provided program management, construction management, inspection, and materials testing for this \$17.5 million project.

M. Alberto Rosiles  
*Continued*

**Dillon Road Grade Separation Project, City of Coachella, California.** Construction Inspector. The project involved the construction of a new bridge at Dillon Road and the existing UPRR tracks. The new structure carries Dillon Road traffic over Indio Boulevard and the UPRR's two existing tracks by means of a reinforced concrete bridge. In addition, the project involves the following specific items of work: new traffic signals, construction of approach fills for the new bridge, installation of new curbs and gutters, installation of new signing, construction of new drainage facilities, and other appurtenant work. It is anticipated to take approximately 14 months and \$22 million dollars to construct the new bridge.

**Intersection Widening at Brookhurst/Ellis, City of Fountain Valley, California.** Construction Inspector. This widening project involved underground utilities, traffic signal modification, added sidewalks, retaining walls, and street rehabilitation. Project also included relocation of OCWD new vault and striping. Mr. Rosiles was responsible for public works inspection, management, and assisting the City Engineer.

**Newhope Street Extension, City of Fountain Valley, California.** Resident Inspector. The project included the extension of Newhope Street from Talbert Avenue to Interstate 405. The main features of the project included demolition of multiple businesses, median construction, landscaping, storm drain construction, sidewalks, traffic signal modifications, signing, striping, and Caltrans coordination for the northbound 405 ramp widening and remodeling.

**Talbert from Brookhurst to East City Limit, City of Fountain Valley, California.** Construction Inspector. Project involved public works inspection of complete driveways, replacement road widening overlay, new medians (AC AHRM), management, and assisting the City Engineer.

**Edinger/Harbor, City of Fountain Valley, California.** Construction Inspector. This project involved widening, new median islands, bus stop pads, removing and remodeling handicap ramps, sidewalks, signal loop installation and striping. Mr. Rosiles was responsible for all public works inspection, management, and assisting the City Engineer.

**FY 2000-01 Slurry Seal and Street Resurfacing, City of Lake Forest, California.** Construction Inspector. Street resurfacing projects are part of the City's annual street maintenance program. Project elements included crack sealing and base repairs, asphalt concrete overlays, slurry seals, adjusting surface utilities to grade, replacement of traffic loops, re-striping and reestablishing City survey control points.

**Brookhurst Street Rehabilitation and Resurfacing, City of Fountain Valley, California.** Construction Inspector. Project involved the construction inspector staff augmentation services on Brookhurst Street from Talbert Avenue to Warner Avenue, and from Heil Avenue to North City limits project. The project required expertise in the removal and disposal of existing asphalt concrete/aggregate base roadway section, cold milling, placing asphalt concrete leveling course and base course, asphalt rubber hot mix (AHRM), adjusting survey well monument covers, utility covers and manholes to grade, PCC curb, gutter, driveway approaches, access ramps and median, traffic delineation, signs, and signal loops.

**I-215, Beltway, Section 7B, 8 and 9, Drainage Facilities, Clark County, Nevada.** Construction Inspector. This \$56 million project consisted of the construction of major drainage facilities, interim frontage roads and partial highway along a 6.4 mile alignment of the future Beltway around the valley. The drainage facilities accounted for \$24 million of the project. Drainage improvements included the installation of cast-in-place box culverts ranging in size from 10'X10' to 23'X10' in lengths from 500' to 2,800', reinforced concrete pipe from 18" to 96", trapezoidal channels, rectangular channels, and transition structures.

## **Elroy L. Kiepke, PE, QSD**

City Engineer

### **Education**

1969, B.S, Civil  
Engineering, Valparaiso  
University, Indiana

### **Registration**

1973, Civil Engineer,  
California No. 22382

1986, Certified Building  
Official, International Code  
Council/CABO No. 703

1994,  
Accessibility/Usability  
Specialist, ICBO No.  
74013

Qualified SWPPP  
Developer, No.009999

### **Affiliations**

American Public Works  
Association

American Society of Civil  
Engineers

California Building  
Officials

International Conference  
of Building Officials

International Erosion  
Control Association

41 Years' Experience

**Mr. Elroy L. Kiepke** presently serves as a City Engineer for Willdan. He joined Willdan in July 1979 to assist in the formation of the Building and Safety Division. As the division grew, he became the Division Manager for Plan Check Services and City Engineer for some of Willdan's client cities. Mr. Kiepke began his professional career with the County of Los Angeles in June 1969. He received training in building plan check and subdivision plan check before taking permanent positions in the Subdivision Section and Building and Safety.

### **Project Experience**

#### **National Pollution Discharge Elimination System/Storm Drain Water Pollution Prevention Plan**

For Willdan projects, Mr. Kiepke developed the policies and procedures for projects requiring State construction activity permits. The purpose is to create a partnership with the contractor to develop a Storm Drain Water Pollution Prevention Plan which best meets the needs of all parties involved with the project and complies with Clean Water Act requirements.

**Dillon Road Grade Separation, City of Coachella, California.** Responsible for providing NPDES services for the Dillon Road Grade Separation Project. The project involves the construction of a new bridge at Dillon Road and the existing UPRR tracks. The new structure carries Dillon Road traffic over Indio Boulevard and the UPRR's two existing tracks by means of a reinforced concrete bridge. In addition, the project involves the following specific items of work: new traffic signals, construction of approach fills for the new bridge, installation of new curbs and gutters, installation of new signing, construction of new drainage facilities, and other appurtenant work. It is anticipated to take approximately 14 months and \$22 million dollars to construct the new bridge.

**NPDES Compliance, City of San Marino, California.** Responsible for providing NPDES services to include advising staff in required NPDES actions, complete annual NPDES report, and attend NPDES meetings.

**NPDES Permit Compliance, City of Agoura Hills, California.** City Engineer. Responsible for attending meetings, reviewing and proposing Ordinances, preparing reports, and communicating with the community to maintain the Cities NPDES compliance efforts. This activity went from the issuance of the early permit in 1990 through August 1997. Mr. Kiepke has worked extensively with the City on compliance with NPDES permit for separate storm sewer systems. He has been instrumental in preparing ordinances for improving management practices for projects which discharge to the storm drain. On behalf of the City, he attended meetings and attended seminars to gain a better understanding of how to better shape the program's goals.

**NPDES Permit Compliance, Cities of Rosemead, Paramount, and Bell Gardens, California.** Mr. Kiepke due to his familiarity and availability, took over the permit programs for the above cities in October 1997, and continues his efforts in this area. This includes preparation of the Site Visit database for each city budget report preparation and attendance at Watershed meetings representing the cities.

**Cities of Calimesa, and La Cañada Flintridge, California.** Mr. Kiepke as part of the City Engineering responsibility, administered the NPDES Programs for these cities. The Calimesa assignment involved review of the Riverside County permit.

# Larry D. Brown, RCI

## Supervising Public Works Observer

### Education

Post Certification and  
Continuing Education  
Program, San Bernardino  
Valley College

### Registration/Certification

Construction Inspector,  
California No. 5181

AQMD PM-10

Concrete Paving, Slurry Seal  
and Traffic Signals

Public Works Certification  
California State University,  
Los Angeles

Macco Trench Shoring

Toxler Nuclear Soils Testing  
Equipment

### Affiliations

American Construction  
Inspectors Association

### References

#### CITY OF HIGHLAND

Dennis Barton  
Assistant Director of Public  
Works  
(909) 864-6861  
dbarton@cityofhighland.org

#### CITY OF CALIMESA

Bob French  
Public Works Director  
(909) 795-9801  
bfrench@cityofcalimesa.net

#### CITY OF SAN BERNARDINO, EDA

Kathleen Robles  
Project Manager  
(909) 663-2296  
krobles@sbrda.org

### 30 Years' Experience

**Mr. Larry D. Brown** is responsible for construction administration and observation of a wide range of public works improvement projects. Mr. Brown's field experience includes drainage facilities, railroad grade crossings, highway and landscape improvements, traffic signals and signing projects, and underground utility construction, as well as commercial and residential development projects. Mr. Brown served as Public Works Observer for the Cities of Hesperia, Moreno Valley, and Temecula, and was responsible for review of plans and specifications prior to construction, to ensure compliance with city standards. He also conducted field observations of the improvements. Mr. Brown's construction administration experience includes: coordinating activities with contractors, utility companies, and other agencies; processing change orders, progress payments, and other construction documents; investigating citizen complaints, and resolving field problems; and reviewing plans, specifications, and estimates packages for compliance with city standards.

Prior to joining the Willdan team, Mr. Brown worked for more than 7 years in the field of soils and materials testing and inspection. His experience includes soils and materials testing on mass grading projects, utility trenches, storm drains, and street projects, as well as concrete inspection, and asphalt inspection and control.

### Relevant Project Experience

#### W. Ridgecrest Blvd. Reconstruction Project, City of Ridgecrest, California.

Supervising Public Works Observer. Willdan provided construction management and construction observation and materials testing for this project. The project involved the construction of full street improvements from Mahan St. to Downs St. and the repair of the existing concrete improvements and roadway improvements to China Lake Blvd. The asphalt concrete structural section was constructed with full depth reconstruction with cement treated soil. Two traffic signals, 30 decorative street lights and landscape bulb outs were also included with these street improvements. Willdan also communicated and coordinated with Caltrans on the removal and reinstallation of the traffic detection loops at State Highway 395 "China Lake Blvd." Willdan conducted the Weekly Construction Progress Meetings which included the tracking and response for the submittals, respond to RFI's, track quantities review progress payments and maintain the construction file.

#### College Heights Roadway Improvement Project. City of Ridgecrest, California.

Supervising Public Works Observer. Willdan provided construction management and construction observation and materials testing for this project. This project involved the removal, replacement of the existing handicap ramps to obtain ADA Compliance. Cold Milling and the replacement of the existing asphalt concrete pavement which included the raising of all sewer manholes per the city of Ridgecrest Standard. Willdan tracked quantities, respond to RFI's, tracked submittals and maintained the construction file.

**9th Street Project, City of Highland, California.** Supervising Public Works Observer. Willdan provided construction management and construction observation of the City of Highland's 9th Street Project. The project involved the removal and replacement of damaged asphalt, repair of existing concrete improvements, asphalt overlay and slurry seal installation. Willdan tracked quantities, provided claims mitigation, responded to RFI's, tracked submittals, and maintained the construction file.

#### College Heights Boulevard Rehabilitation Improvements, Ridgecrest, CA.

Construction Inspector. Responsible for inspection of roadway improvements from

Larry D. Brown, RCI  
Continued

Franklin Avenue to Jarvis Avenue. The project includes full-width cold milling, 5,127 tons of 3-inch asphalt overlay, ADA-compliant access ramps, AC dikes, adjustment of various utilities, signing and striping, and other appurtenant work.

**Upgrade of 12 Intersection Signs and Street Striping, City of Ridgecrest.**

Inspector. Willdan was retained to provide construction management and inspection services to upgrade 12 intersection signs and street striping. Will provided construction management, inspection, labor compliance, quality assurance, materials testing, and federal funding compliance.

**Upgrade of 7 Traffic Signals, City of Ridgecrest, California.** Inspector. Willdan was retained to provide construction management and inspection services for update of 7 traffic signals. Will provided construction management, inspection, labor compliance, quality assurance, materials testing, and federal funding compliance.

**China Lake Boulevard Construction Management from Upjohn to Bowman Road, City of Ridgecrest, California.** Inspector. Construction management and inspection services for street rehabilitation on China Lake Blvd from Upjohn to Bowman Rd. Willdan will provide construction management, inspection, labor compliance, quality assurance materials testing, and federal funding compliance.

**9th Street Improvements, City of Highland, California.** Supervising Public Works Observer. Willdan provided construction management and construction observation of the City of Highland's 9th Street Project. The project involved the removal and replacement of damaged asphalt, repair of existing concrete improvements, asphalt overlay and slurry seal installation. Willdan tracked quantities, provided claims mitigation, responded to RFIs, tracked submittals, and maintained the construction file.

**Roger's Lane Street Improvement, City of Highland, California.** Supervising Public Works Observer. The Roger's Lane improvements included infill asphalt paving, curb and gutter, new sidewalks, driveway relocations, adjustment of existing mailboxes, utility relocation and adjustment, crack filling, slurry seal, and other appurtenant work. Willdan provided construction management, material testing, survey and public works observation for the project.

**Public Works Observation, City of Murrieta, California.** Supervising Public Works Observer. Willdan is providing public works observation for various projects throughout the City of Murrieta. The projects may involve asphalt pavement overlay, street reconstruction, sidewalk construction, curb and gutter installations, sanitary sewers, RCP storm drains, slurry seals, traffic signal modification and new installations, and other appurtenant work.

**Cactus Avenue Bridge Widening, March Joint Powers Authority.** Supervising Public Works Observer. This project involved providing public works observation services for the Cactus Avenue Bridge Widening. Willdan's duties included tracking of weekly meeting minutes, preparing detailed construction reports, monitoring NPDES compliance, providing as-built plans, maintain approved submittal log, maintain approved shop drawing file, maintain photographic record, and other appurtenant work.

**Seminole Trunk Sewer Improvements, Morongo Band of Mission Indians, Banning, California.** Supervising Public Works Observer. This project involved providing public works observation services for the Seminole Truck Sewer Line. The project involved the installation of a new 12-inch VCP sewer line in Seminole Drive and serviced the Tribe's new Administration Building.

**DEPARTMENT OF PUBLIC WORKS  
BEST MANAGEMENT PRACTICES CHECKLIST**

Inspection Type:     Weekly Routine         Pre-Storm         During-Storm         Post-Storm

Check "YES" or "NO" or "N/A" if not applicable.    Has there been rain within the last 24 hours?     YES     NO

Project Name: \_\_\_\_\_ Project No.: \_\_\_\_\_ Report No.: \_\_\_\_\_

Contractor Name: \_\_\_\_\_ Contractor Representative: \_\_\_\_\_

O By: \_\_\_\_\_ Date Observed: \_\_\_\_\_ Time: \_\_\_\_\_

Area Supervisor Approval: \_\_\_\_\_ Date: \_\_\_\_\_

YES	NO	N/A	MATERIALS, EQUIPMENT, AND OPERATIONS MANAGEMENT:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. MATERIAL MANAGEMENT: Are materials handling and/or storage areas properly covered, reasonably clean, and free of spills and leaks?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. EQUIPMENT MANAGEMENT: Are equipment, vehicle storage, maintenance, and/or fueling areas reasonably clean and free of spills and leaks?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. OPERATIONS MANAGEMENT: Are saw cutting, drilling, dewatering, and/or concrete waste containment areas functioning properly?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. DRAINAGE MANAGEMENT: Are catch basins, stream beds, channels, rivers, and/or other drainage structures reasonably free of any noticeable pollutants?
YES	NO	N/A	EROSION AND SEDIMENT MANAGEMENT:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. EROSION MANAGEMENT: Are slope protection devices, and/or dust control measures in place and functioning properly?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. ON-SITE SEDIMENT MANAGEMENT: Are on-site traffic routes, parking and/or storage areas reasonably free of sediment, mud, and debris? Are sandbags, straw bales, silt fences, sediment basins in place and functioning?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. OFF-SITE SEDIMENT MANAGEMENT: Are public roads, intersections, and/or access roads reasonably free of sediment, mud and debris?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. SOIL STORAGE AREAS: Are temporary stockpiles properly covered and/or bermed?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9. WATERCOURSE MANAGEMENT: Are barriers constructed or other means provided to minimize erosion to active streams, rivers, and channels?
YES	NO	N/A	GENERAL:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10. BMP INSTALLATION: Are the BMPs identified on the SWPPP, SWMP, and/or Special Provisions installed in the approved locations?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11. BMP MAINTENANCE: Are the BMPs identified on the SWPPP, SWMP, and/or Special Provisions maintained and effective?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12. BMP ADEQUACY: Are the BMPs identified on the SWPPP, SWMP, and/or Special Provisions properly sized or showing signs of over topping?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13. OTHER:

**PURPOSE:** To verify the Contractor's implementation and maintenance of Best Management Practices (BMPs), Storm Water Management Plan (SWMP), or Storm Water Pollution Prevention Plan (SWPPP).

**PROCEDURE:** The Inspector shall examine the entire project site and shall complete the upper portion of this form in blue or black ink. Completed forms shall be reviewed and signed by the Area Supervisor before being forwarded to the main office.

When one or more of the BMPs has not been correctly implemented, the Inspector shall: 1) Verbally discuss the problem with the Contractor and 2) Prepare a "PROJECT MEMORANDUM" detailing the specific corrective actions to be taken and required completion date as necessary.

When approved BMPs are not meeting intended program objectives, the Inspector shall prepare a "PROJECT MEMORANDUM" directing the Contractor to make appropriate revisions to the project SWPPP, SWMP, or BMP.

**FREQUENCY:** Weekly and before, during and after each storm.

**DISTRIBUTION:** 1. White copy of report to be forwarded to the Agency with each week's project records.  
2. Yellow copy to be maintained in the Inspector's project file.  
3. Pink copy to be given to the Contractor as an attachment to a "PROJECT MEMORANDUM" only when some level of non-compliance exists.

G:\MSTR06\159\BMP CHECKLIST.DOC 11/2/09

City \_\_\_\_\_

Engineer \_\_\_\_\_

**BEST MANAGEMENT PRACTICES REPORTING FORM**

**ILLEGAL DISCHARGES/DISPOSAL PRACTICES**

**Best Management Practices:** Defined as any current practices that directly or indirectly reduce stormwater/urban runoff pollution into the storm drains.

What existing procedures are used to detect and address illegal discharges and disposal practices?

**Procedure:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Legal Authority:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## EXHIBIT A

June 18, 2015

To: Chris Baca, Willdan Engineering  
 From: Ross Khiabani, Willdan Geotechnical  
 Subject: **Geotechnical Review and Oversight Services  
 Tract 36446 (Sewer, Brick Pavers, Street Work)**

The proposed private development will consist of construction of Sewer, Storm Drain, and Street Improvements. It is our understanding that required Quality Control (QC) will be provided by the developer and Willdan Geotechnical (Willdan) will provide Quality Assurance (QA) on behalf of the City of Palm Springs.

In a QA position, Willdan will provide geotechnical review and oversight for of testing operations. The services will consist of:

- Review of all geotechnical reports;
- Attending the construction kick-off meeting;
- Review of the applicant's geotechnical testing operation during construction to assure that the work is in conformance with the acceptable standard of practice and approved project specifications;
- We will attend construction meeting as requested and make periodic site visits on an as needed basis; and
- Review and approve final soils and material testing reports.

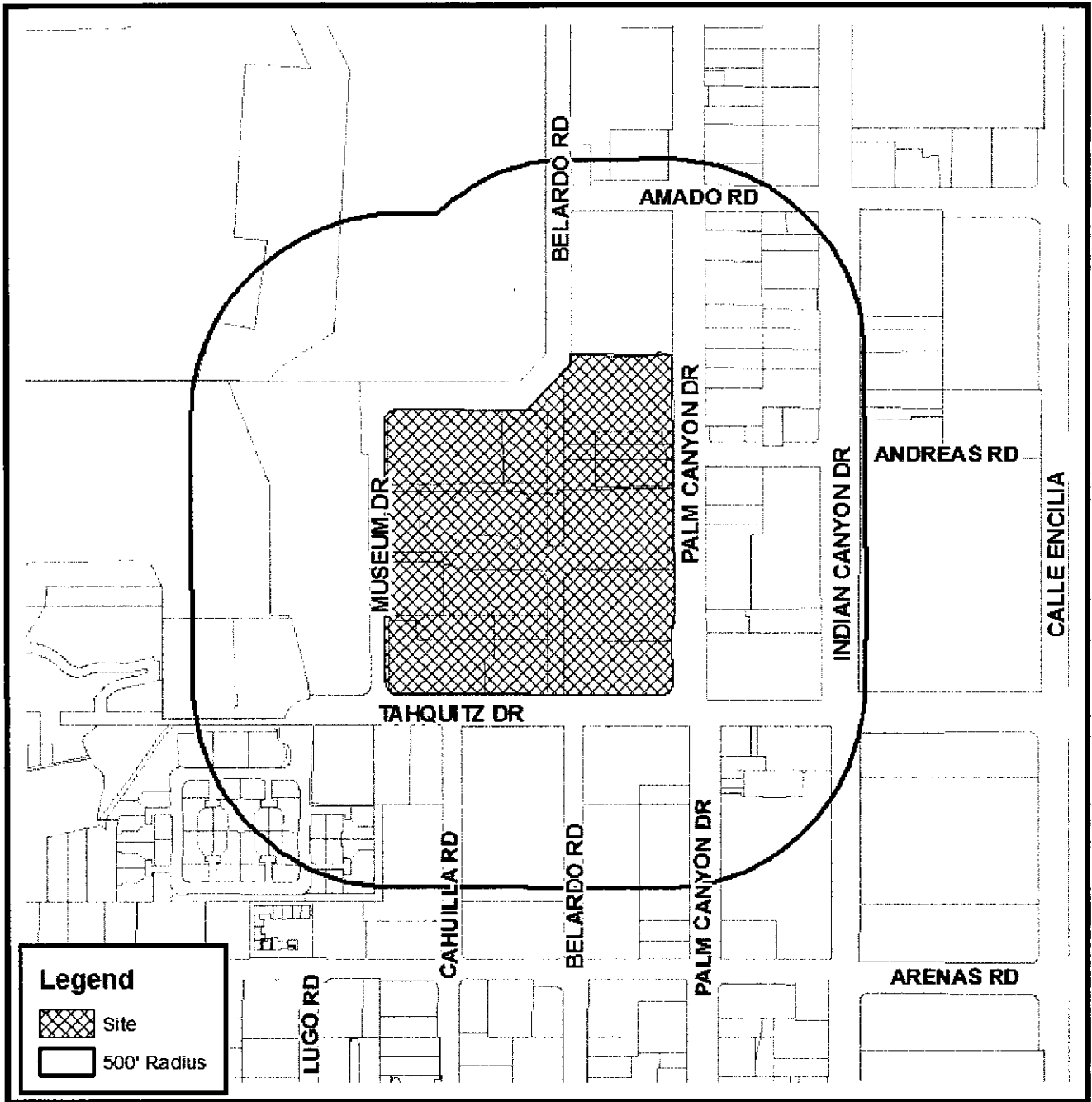
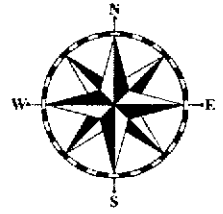
Our estimated fee for above services is \$7,700.00 based on a project duration of 100 working days. Following is a breakdown of our estimated fee.

Qualified Technician (Prevailing Rates)	40 hrs.@\$100/hr.	\$4,000.00
Registered Geotechnical/Material Engineer	20 hrs.@\$185/hr.	<u>\$3,700.00</u>
	Total Estimate:	\$7,700.00



ATTACHMENT 2



Department of Public Works and Engineering  
Vicinity Map



**Legend**

-  Site
-  500' Radius

CITY OF PALM SPRINGS