

COUNCIL REPORT



CITY OF MOUNTAIN VIEW

AGENDA: October 26, 2010

CATEGORY: Consent

DEPT.: Public Works

TITLE: Permanente Creek Trail, Highway 101 to Old Middlefield Way, Project 06-33—Award Construction Contract and Related Actions

RECOMMENDATION

1. Award the construction contract for Permanente Creek Trail, Highway 101 to Old Middlefield Way, Project 06-33, to Gordon N. Ball, Inc. of Alamo for the low bid price of \$6,796,219.
2. Authorize the City Manager to execute a standard professional services agreement for special inspection and testing services with Signet Testing Laboratory of Hayward in the not-to-exceed amount of \$121,835.
3. Authorize the City Manager to execute a standard agreement for traffic control support services with the California Highway Patrol (CHP) in the amount of \$28,770.

FISCAL IMPACT

Permanente Creek Trail, Highway 101 to Old Middlefield Way—Construction, Project 06-33, is funded with \$8,713,190 from the Shoreline Community Fund (\$8,125,000); a Transportation Fund for Clean Air grant (\$100,000); a Santa Clara Valley Water District (SCVWD) Clean, Safe Creeks and Natural Flood Protection Trail and Open Space Grant (\$125,000) and SCVWD funds for design and construction of their floodwalls as part of the trail project (\$363,190). The SCVWD floodwall cost includes a construction cost of \$348,190 (based on the low bid) and design costs of \$15,000 for a total cost of \$363,190.

The total estimated project cost based on the low bid is approximately \$8,287,000.

BACKGROUND AND ANALYSIS

The Permanente Creek Trail, Pedestrian Overcrossing, Project 06-33, includes a pedestrian/bicycle overcrossing of Highway 101 and an undercrossing of Old Middlefield Way to extend the trail from its current terminus north of Highway 101 to the south side of Old Middlefield Way. The project also includes floodwalls that are part of the SCVWD's Permanente Creek Flood Protection Project.

On July 27, 2010, the City Council approved plans and specifications and authorized staff to advertise for bids. In addition to the base bid, bid alternates were included for: (1) the

SCVWD floodwalls; (2) a higher-quality waterproofing system; (3) a less-attractive/less-costly architectural treatment; and (4) a less-attractive/less-costly lighting system. Items 2, 3 and 4 were bid as alternates to provide flexibility in the event the low bid was over the project budget. Each is described further below.

On October 6, 2010, the City received seven bids with base bids ranging from \$6,349,429 to \$8,488,401 (see Attachment 1—Bid Summary). The low bid from Gordon N. Ball is as follows:

Base Bid: \$6,349,429

Bid Alternates:

1. Add SCVWD floodwalls: \$348,190

Staff recommends accepting this alternative as the SCVWD has agreed to reimburse the City for the cost.

2. Substitute with higher-quality waterproofing system: \$98,600

This alternate would replace plain concrete and waterproofing membrane with Hycrete™ waterproof concrete for the tunnel/retaining walls under Old Middlefield Way below the groundwater table. This product provides greater waterproofing and corrosion resistance than a conventional waterproofing liner. Staff recommends selecting this alternative as it would provide better waterproofing protection and, therefore, reduced future maintenance costs.

3. Substitute with less-attractive/less-costly architectural treatment: (\$176,896)

This alternate would replace the architecturally enhanced bridge sidewalls with plain concrete curbs. Because the base bid is within the project budget, staff does not recommend selecting this alternative as it would result in a less-attractive structure.

4. Substitute with less-attractive/less-costly lighting system: (\$100,000)

This alternate would replace the LED bridge handrail lighting with less-expensive standard fluorescent light fixtures located in the bridge sidewalls. The LED lighting is more energy-efficient and provides more even lighting along the length of the structure. The LED lights will also last longer than fluorescent lights. Because the base bid is within the project budget, staff recommends not selecting this alternative and installing the LED lights that are included in the base bid.

The low bid, including the recommended bid alternates, is \$6,796,219, which is 8 percent below the Engineer's Estimate of \$7,415,000 and within the project budget. Staff has verified that Gordon N. Ball has an active contractor's license and experience to perform the work.

Special Inspection and Testing Services

On September 27, 2010, staff received three proposals for special inspection and testing services. Staff recommends selecting Signet Testing Laboratory because they provided the most complete proposal at the lowest cost. The cost proposal of \$121,835 is within the budget for special inspection and testing services (see Attachment 2—Signet Proposal).

Traffic Control Support Services

To construct the pedestrian overcrossing, Highway 101 will be closed for several nights from 11:00 p.m. to 5:00 a.m. During the freeway closures, northbound and southbound traffic will be detoured off the freeway, through detour routes approved by Caltrans and the City. No closures will be allowed during or immediately after performances at Shoreline Amphitheatre.

Caltrans requires traffic control support by the CHP during freeway closures, and the CHP requires the City to reimburse them for their estimated cost of \$28,770 and enter into their standard form of reimbursement agreement (see Attachment 3—Agreement with CHP). In addition to CHP support, City Police Officers will be posted at major intersections along the detour route during closures.

The total estimated project cost is as follows:

Construction	\$6,196,219
Construction Contingency	<u>600,000</u>
Subtotal Construction	\$6,796,219
Utility Relocation	125,000
Construction Support Services from Mark Thomas & Co.	240,000
City Project Management	40,000
City Inspection and Construction Inspection Services	300,000
Special Inspection and Testing Services	150,000
Caltrans Source Inspection	55,000
City and CHP Traffic Control Support for Freeway Closures	60,000
Bid and Other Services	<u>\$ 15,000</u>
Subtotal	\$7,781,219
City Administration (6.5 percent)	506,000
TOTAL PROJECT COST (rounded)	<u>\$8,287,000</u>

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Construction is expected to begin in December 2010 and take approximately 18 months to complete. In accordance with the California Environmental Quality Act (CEQA), the City Council approved a Mitigated Negative Declaration of Environmental Impact for the project on June 30, 2009, and considered the Addendum to the Final Initial Study/Mitigated Negative Declaration for the addition of the floodwall work to the project on April 13, 2010.

Encroachment permits for the project have been obtained from Caltrans and the Santa Clara Valley Water District and environmental permits have been obtained from the U.S. Army Corps of Engineers, San Francisco Bay Regional Water Quality Control Board and California Department of Fish and Game. Permanent and temporary right-of-way for the project has been obtained from Peery & Arrillaga, the U.S. Army and three private residences directly adjacent to project construction.

PUBLIC NOTICING

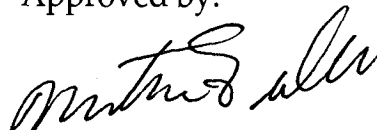
Agenda posting. Public meetings were held on February 12, 2009 at Crittenden School and September 1, 2009 at Rengstorff Community Center, and several notices were sent during project planning and design to residents and businesses in close proximity to the project. Most recently, notices of the project schedule, pile-driving activities and the temporary closure of Telford Avenue were mailed on September 14, 2010. Additional notices of the project schedule and construction-related impacts will be provided to area residents and businesses during construction.

Prepared by:



Sean R. Rose, P.E.
Senior Civil Engineer

Approved by:



Michael A. Fuller
Public Works Director



Kevin C. Duggan
City Manager

SRR/5/CAM
908-10-26-10M-E^

- Attachments:
1. Bid Summary
 2. Signet Proposal
 3. Agreement with the California Highway Patrol

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cc: Mr. Michael Fisher
Project Manager
Mark Thomas and Company
1960 Zanker Road
San Jose, CA 95112

Mr. Saeid Hosseini
Senior Project Manager
Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, CA 95118

Ms. Usha Chatwani, P.E.
Associate Civil Engineer
Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, CA 95118

Mr. Nick Saleh
Caltrans, District 4
111 Grand Avenue
Oakland, CA 94623

Mr. Hassan Nikzad
Caltrans, District 4
111 Grand Avenue
Oakland, CA 94623

Gordon N. Ball, Inc.
333 Camille Avenue
Alamo, CA 94507

USM, TE, DE, CE, SCE—Macaraeg, SCE—Rose, EA—Grimm, F/c

PERMANENTE CREEK TRAIL - HIGHWAY 101 TO OLD MIDDLEFIELD WAY, PROJECT 06-33

BID SUMMARY

BID OPEN DATE: WEDNESDAY, OCTOBER 6, 2010

CONTRACTOR	TOTAL BASE BID	RANK	TOTAL BID **	RANK
ENGINEER'S ESTIMATE			\$ 7,400,000.00	
GORDON BALL	\$ 6,349,428.70	1	\$ 6,796,218.70	1
FLATIRON	\$ 7,034,396.00	2	\$ 7,536,088.00	2
RM HARRIS	\$ 7,320,843.50	4	\$ 7,711,268.50	3
ROBERT BOTHMAN	\$ 7,140,092.00	3	\$ 7,825,802.32	4
DISNEY	\$ 7,873,632.00	6	\$ 8,172,492.00	5
MCM	\$ 7,734,872.91	5	\$ 8,289,556.91	6
RGW	\$ 8,488,400.65	7	\$ 9,035,521.65	7

** TOTAL BID = TOTAL BASE BID + ALTERNATE BID ITEMS 175, 176, 157A, AND 168A



September 27, 2010

Rodrigo Macaraeg
City of Mountain View
Public Works Department
500 Castro Street, PO BOX 7540
Mountain View, CA 94039-7540

**Subject: PERMANENTE CREEK TRAIL FROM ROUTE 101 to OLD MIDDLEFIELD WAY
PROJECT 06-33, REQUEST FOR SPECIAL INSPECTION PROPOSAL**

Dear Mr. Macaraeg:

Signet Testing Labs is pleased to present our proposal to the City of Mountain View for the Permanente Creek Trail Project. Signet will be able to meet and exceed all the requirements outlined in your RFP dated September 8, 2010 by providing the City with consistent inspection and testing staff that is certified and experienced in the required disciplines. This proposal will be valid for a minimum of ninety days.

Signet Testing Labs fully understands the responsibilities and duties required for this project as it relates to materials testing and inspection. We have a proactive culture of planning and anticipating project needs with an ultimate objective of addressing all project issues immediately, communicating and collaborating with all stakeholders, and most importantly assuring compliance with project requirements. Our dedicated and committed project team will work closely with all team members throughout the project, providing the highest levels of service and communication.

Please note that Signet Testing Labs, Inc. is subject and signatory to agreements with the International Union of Operating Engineers, AFL-CIO covering inspection and testing personnel. These agreements conform to the state prevailing wage requirements noted in Amended Code Section 1720 of Senate Bill 1999.

Signet Testing Labs looks forward to the opportunity to serve the City of Mountain View. I am personally committed to the highest level of customer service and will be available at your convenience to discuss any aspects of our proposal. On behalf of all the employees at Signet Testing Labs, Inc., we thank you for this opportunity and look forward to the possibility of working with you.

Respectfully submitted,
SIGNET TESTING LABS, INC.

A handwritten signature in black ink, appearing to read "Tim Rodríguez".

Tim Rodríguez
Operations Manager

Signet Testing Labs fully understands the responsibilities and duties required to fulfill a city and county funded construction project such as the Permanente Creek Trail project. We have successfully completed many similar projects during our recent history, and are proposing an experienced team of field, laboratory and management personnel to competently service this project.

As the Special Inspection and Materials Testing firm, we view our role as a necessary contributor to a successful project team. Our core values of clear communication and candid dialogue will be vital in addressing any potential issues before they arise or develop into something greater. Our project management team will be monitoring the team dynamics and confirming our team and approach are working. In addition to regularly scheduled pre-job or progress meetings, our management team is willing and able to discuss the selection of specific individuals and staffing needs at your convenience in order to develop a combination and dynamic that works best for your project. We are committed to being your partners in developing a successful team, and willing to do whatever it takes to get the job done.

Qualifications

Our field and laboratory personnel are dedicated performers who have proven their abilities through the successful completion of certification programs sponsored by the following organizations:

- ICC- International Code Council
- American Welding Society (AWS)
- Office of Statewide Health Planning and Development
- American Concrete Society (ACI)
- American Society of Non-Destructive Testing (ASNT)
- National Institute for the Certification of Engineering Technicians (NICET)
- Caltrans
- U.S. Army Corp of Engineers
- Troxler/CPN Nuclear Density Gauge Certification
- 40-Hour OSHA 29CFR 1910.120
- Haz-Mat / BATC Certified Field Technicians

As part of our quality system and industry standards, our laboratory is regularly audited by outside parties including the Cement and Concrete Reference Laboratories (CCRL), American Association of State Highway and Transportation Officials (AASHTO), BART, Golden Gate Bridge, and the Army Corps of Engineers to verify all of our equipment, training and procedures are in compliance with the appropriate standards. Our laboratory is fully equipped to perform a full range of testing related to asphalt concrete, soils, concrete and aggregates, concrete, grout, metals, and fireproofing. In addition, our Hayward laboratory includes a 2,400 square foot full-service geotechnical testing lab.

Signet has a full staff of in-house engineers and Level III personnel capable of assisting our field staff with questions and solving potential or on-going problems. The field staff is comfortable in the communication network within the company, which gives our staff the confidence of knowing they can confront any situation. More importantly, this allows them to look ahead at potential problems which may be addressed prior to becoming a large issue. In many cases this will prove to be a significant cost savings to the project.

We have over 140 concrete, soils and welding inspectors including:

- Civil and metallurgical engineers, including full-service accredited metals testing facilities with a machine shop and professional project management staff.
- American Welding Society (AWS) certified welding inspectors (CWI) and engineers
- International Code Council (ICC) registered reinforced concrete, shotcrete, and pre-stressed concrete inspectors, registered masonry inspectors, and American Concrete Institute (ACI) certified technicians
- American Society of Non-destructive Testing (ASNT) Level III (by ASNT examination) and II ultrasonic testing (UT), magnetic particle testing (MT), liquid penetrant testing (PT), radiographic testing (RT), management staff and technicians

Testing Capabilities and Services

Our laboratories have been inspected or accredited by the Cement and Concrete Reference Laboratory (CCRL), the Division of the State Architect Laboratory Evaluation and Acceptance (LEA) program, the American Association of State Highway Transportation Officials (ARML/AASHTO), and Caltrans. Our testing facilities are in full compliance with the provisions established in ASTM E329, Specification for Minimum Requirements for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction.

Current testing capabilities include some of the following equipment:

- 450,000 lb. capacity Riehle Universal Testing Machine Model FH450 with chart recorders and extensometers
- 300,000 lb. capacity Baldwin Universal Testing Machine
- Complete shop facilities for machining metal and plastic test specimens
- California Kneading Compactor and Hveem Stabilometer for soil and asphalt testing
- 60,000 lb. capacity Tinius Olsen Universal Testing Machine, Model Super L with chart recorders and extensometers
- 60,000 lb. capacity Riehle Universal Testing Machine up to 2" per minute loading range
- Wilson Rockwell Hardness/Superficial Tester

Staff Training Commitment

The Signet project team approach emphasizes a well-qualified, highly motivated, third party independent inspection agency providing quality assurance as required by the project specifications. We are committed to the ongoing professional and technical training of our staff, and provide classes in concrete, welding, soils, and asphalt inspection. We use these forums to support our incoming inspectors and staff from our LBE sub consultants.

To maintain certifications with such agencies as DSA and AMRL and for individual certifications such as CWI/AWS, ICC, ASNT and Caltrans, Signet is required to provide both classroom and on the job training to assure that our personnel can test successfully to achieve and maintain their respective certifications.

Our firm is also committed to the Union Local 3 State of California certified Apprenticeship program. Where appropriate and applicable, we will assign Apprentices to shadow and train with senior seasoned technicians. This environment allows the apprentice to learn first-hand from well qualified inspectors on the day to day logistics and issues encountered on typical projects. We find this relationship and training best prepares an individual to the testing and inspection industry which also fosters and develops long term relationships with individuals in the organization and industry itself.

Safety

The safety of our employees is a paramount concern to Signet. Signet employees participate in an ongoing safety awareness program both internally and through URS's corporate safety training programs, which involve both practical classroom participation and on-line refresher courses. As part of the new employee orientation 2 days are spent with Health and Safety Training. This training continues throughout employment with monthly safety meetings, job site visits and tailgate meetings, and OSHA required refresher courses. In the event the site conditions on your project include a potential safety concerns, our staff is thoroughly trained to identify job hazards and to report them to the appropriate project contact or to mitigate the conditions, if applicable and authorized.

In addition to our general staff training, we take a proactive approach to safety to ensure the overall success of each client and project. Signet Testing Labs is the only testing and inspection firm the Bay Area Region that has a dedicated full time Safety Manager. Our Safety Manager, Bill Bellm is STS Certified through the Council on Certification of Health, Environmental and Safety Technologists (CCHEST). Bill along with all managers, supervisors, and field employees receive 10 Hour Cal/OSHA safety training. Since 2002, we have registered the lowest incident numbers with the best laboratory rating in Northern California and the Bay Area. Additionally, Signet has worked over 780,000 hours since our previous lost work time incident, which translates to 1 case in the previous 7 years. This proactive approach to safety has earned Signet the prestigious URS President's Award for Safety Excellence. Bill will work with your site safety professionals to ensure our work practices and safety standards are in line with your project safety goals and objectives. As a policy, Signet employs the most proactive standards for PPE utilization for each project.

LEEDing by Example: The Path to a Sustainable Environment

Signet realizes the importance of sustainable construction practices and using our natural resources in a responsible and efficient manner. We are committed to utilizing products and operational practices that minimize waste and increase recycled product contribution.

Insurance Coverage

Signet Testing Labs stands behind its services by carrying \$2.0 million in General Liability and \$1.0 million in Professional Liability Errors and Omissions insurance coverage. In addition, Signet's coverage includes \$1.0 million in Automobile Liability and \$1.0 million in Worker's Compensation as required by law.

Reporting and Documentation


We realize the quality of our work is only as good as the deliverables provided. For a project such as this, the report processing function is critical to the communication and timeliness of information distribution and project progress. As the first step in the reporting process, a copy of our inspector's "Daily Field Report" will be left with the project team on the day of service. If requested, for traceability and continuity purposes, areas and work inspected can be "highlighted" or "redlined" on a full set of structural drawing maintained onsite. Our documentation also provides traceability for welders and welder certifications, both in fabrication shops and in the field. Conforming laboratory reports are typically mailed within one-day following completion of testing. Failing tests are either phoned or faxed immediately to your designee, as identified in your "Project Set-Up and Distribution".

The inspector's time sheets and the associated daily field reports are supplied to our Hayward facility on the Monday following each week, or earlier as requested. Simultaneously, the associated technical reports are processed by the operations technical group, and a weekly summary sheet including notations of RFI's and non-conforming issues are published and mailed to your designated recipient. Turnaround for summary reports is about seven days. However our preferred method of electronic transmission is available at your request and will greatly reduce the distribution time.

Our reporting and billing systems will readily adapt to most specific requirements of your project. A few highlights of this system include:

- FTP Site for reporting & test data access
- Automated E-mail Reporting System
- Customized daily field reports and log forms
- Ability to access budget-to-date information for billing
- Budget to actual comparisons included on each invoice

For budget tracking purposes, our automated cost tracking system will produce a notification to the project manager when contract values reach specific percentages or assigned values. Our custom billing and reports program will readily adapt to the requirements of your project. As part of our project management, we provide monthly budget updates, which will help you in monitoring our services for this contract. Additionally, certified payroll is processed in compliance with the Department of Industrial Relations and will be provided to the City at designated intervals.



PROJECT MANAGER

Mr. Tim Rodriguez has more than fifteen years experience in the special inspection and testing industry, and will serve this project as Project Manager. In this role, Mr. Rodriguez will ensure that the project is adequately staffed, all field and laboratory reports are delivered to the project management team, and any discrepancies and non-conformance issues are promptly reviewed and addressed so that corrective measures can be established to minimize costs to the project.

RESPONSIBLE ENGINEER

Mr. Will Wahbeh, with more than fifteen years experience is a California Registered Civil Engineer and our DSA LEA approved engineer who is in responsible charge and will serve as Laboratory Manager/Quality Assurance Manager (QAM). In these roles, Mr. Wahbeh ensures that all test results are verified and reviewed for accuracy as a safe guard to quality, while providing his time to discuss all inquiries as they relate to the project. Mr. Wahbeh will have a significant degree of participation under this contract while spearheading our field and laboratory QC/QA in order to ensure that all testing is provided in accordance with the project documents. As Signet's responsible engineer, Mr. Wahbeh is responsible for the integrity and quality of services provided by Signet personnel.

STRUCTURAL STEEL MANAGER

Mike Everson, AWS/CWI, has been the manager of Signet Testing Labs' Structural Steel/Non-Destructive Testing department for over 27 years. Mike is an AWS QC-1 certified welding inspector and has carried ASNT Level II expertise in ultrasonic, magnetic particle and liquid penetrant non-destructive testing. Mike manages our 40 welding inspectors in Northern California, and is active in their evaluation and continued training. Signet's technical training and evaluation system assures that the inspection staff has current certifications by ICC, AWS and ASNT.


LABORATORY QUALITY MANAGER

Mr. William Rodriguez has more than 31 years of experience in the testing and inspection of soils, asphalt concrete materials, and concrete, and is known throughout the materials testing industry for his proficiency in highway materials. Mr. Rodriguez serves as Laboratory Manager and Radiation Safety Officer for Signet's Hayward office, and is one of a handful of individuals in the State of California to attain NICET Level IV certifications in Soils, Asphalt, Concrete and Highway Materials. His role within this project will be to provide testing coordination, oversight, and reporting of all materials for which laboratory testing is required.

SPECIAL INSPECTORS / TESTERS

We have carefully selected a small group of diverse individuals from our field staff to participate on the project. With their experience and understanding of the building code, the project team should expect professionalism, quality of inspections and strong technical knowledge in support of the construction process. Please reference the included resumes of for the qualifications of our field team.

We trust that you will find the team technically qualified and experienced, and welcome the opportunity to demonstrate our commitment to customer service to the project team.



EXPERIENCE

15 Years

**YEARS OF SERVICE
WITH SIGNET**

13 Years

EDUCATION

Ohlone College
Fremont, CA
1995 / 1996

CERTIFICATIONS

ICC Reinforced Concrete
No. 5224798-49

ICC Prestressed Concrete
No. 5224798-92

ICC Spray-Applied
Fireproofing
No. 5224798-86

ACI Field Testing
Technician - Grade 1
#01013585

DSA Certified Shotcrete
Inspector #4624

CPN Nuclear Density
Gauge Certification

F-Number Measurement
(Floor
Flatness) "Dipstick" Floor
Profiler

Storm Water Pollution
Prevention Program

SWPPP Training
Program

SKILLS AND EXPERIENCE

Mr. Rodriguez has over 15 years of experience in materials testing and inspection, providing services encompassing a wide range of work including soils, asphalt, concrete, and steel laboratory testing as well as field inspections of soils, paving, concrete and reinforcing steel. Mr. Rodriguez currently serves as Business Development/Project Manager for the Northern California Region, having previously served as the Sacramento Office Manager, and a project/technical manager in both of Signet's Hayward and Sacramento locations.

Mr. Rodriguez has extensive experience in many specialized testing applications including ground penetrating radar (GPR) surveys, floor flatness testing, reinforcing steel surveys, pulse-velocity testing of concrete, specialty load testing, fire damage assessments and condition surveys. His wide range of knowledge in multiple disciplines and various building codes coupled with excellent communication skills provides Signet with valued technical support for both our clients and field staff.

REPRESENTATIVE PROJECT MANGEMENT EXPERIENCE:

Napa Valley College Library and Learning Resource Center

Tamalpais High School Keyser Hall, Mill Valley

Las Animas Elementary School, Gilroy

Harvest Middle School, Napa

PG&E Colusa Generating Station

USPS West Sacramento Expansion

Tamalpais High School New Swimming Pool, Mill Valley

Sacramento International Airport Airside Concourse Expansion

Napa Valley College Performing Arts Center

CSU Sacramento - Recreation and Wellness Center

UC Berkeley Underhill Parking Structure

Esprit Park High Density Residential

Napa Valley Unified School District - Multiple Projects

EXPERIENCE

15 Years

**YEARS OF SERVICE
WITH SIGNET**

15 Years

EDUCATION

B.S. Civil Engineering,
University of California
Berkeley, CA

CERTIFICATIONS

Registered Professional
Engineer
No. CE60784

**PROFESSIONAL
AFFILIATIONS**

American Society of Civil
Engineer, Berkeley, CA
Structural Engineers
Association of Northern
California
American Concrete
Institute

SKILLS AND EXPERIENCE

William Wahbeh is the Responsible Engineer and Office Manager for Signet Testing Labs in Hayward, CA. He has focused his professional career in the areas of quality assurance and materials engineering, and is a registered Professional Engineer with the State of California. Mr. Wahbeh's holds the quality of work and customer service Signet provides as the key components for the measurement of our success. By providing consistent oversight and technical management of the laboratory and field staff, he is able to ensure that Signet sets an increased standard of service and proficiency within the industry. In serving as project manager, William draws upon his strong interpersonal and communication skills while interacting with construction teams, and maintains a proactive approach when addressing customer service topics such as staffing, technical support, cost control, and contract management.

REPRESENTATIVE PROJECT EXPERIENCE:

Napa Valley College Library and Learning Resource Center

Tamalpais High School Keyser Hall, Mill Valley

Napa Valley College Performing Arts Center II

Petaluma High School Library Addition and Modification

Sonoma Valley High School

Harvest Middle School Swimming Pool

Napa Valley College Field-house Adaptive PE and CJTC

Napa Valley High School

St. Helena Hospital, Clearlake

Sir Fancis Drake High School #4, 6-plex Classroom

CSUS Wellness Recreation and Wellness Center

San Jose Civic Center Complex, San Jose, CA

Calpine Metcalf Power Center, San Jose, CA

Asian Art Museum, San Francisco, CA

MICHAEL EVERSON

Quality Control Manager



EXPERIENCE

35 Years

YEARS OF SERVICE WITH SIGNET

28 Years

EDUCATION

College of San Mateo

San Jose Trade School,
Welding & Metallurgy

United States Steel
(A.B.D.) American Bridge

CERTIFICATIONS

AWS - Certified Welding
Inspector

No. 95051561

ICC - Structural Steel and
Welding

No. 0843589-85

No. 0843589-S1

No. 0843589-S2

Company Certified
Aerial Lift Safety
Training in accordance
with Cal-OSHA GISO
3642

Signet Testing Labs, Inc.
Fall Protection
Competent Person

SKILLS AND EXPERIENCE

Mr. Everson has been the manager of Signet Testing Labs, Structural Steel/NDT department for over 28 years. Prior to his employment at Signet, Mr. Everson had over 6 years of experience at a local Bay Area structural steel fabrication company as a welder and quality control manager. He is an AWS QC-1 certified welding inspector and has carried ASNT Level II expertise in ultrasonic, magnetic particle and liquid penetrant non-destructive testing. Mr. Everson manages our 40 welding inspectors in Northern California and oversees the structural work in our Southern California offices. In addition he is active in the evaluation and continued training of our welding inspectors. His primary responsibility includes the daily/weekly review and reporting process and involves project management and field manager oversight on all welding inspection and testing issues. His strength lies in his ability to oversee the field staff while interfacing with the key members of the project design/construction team including the architect, structural engineer, general contractor, and building inspection officials.

REPRESENTATIVE PROJECT EXPERIENCE:

Petaluma High School AME Building
Petaluma, CA

Napa Valley College Performing Arts Center
Napa, CA

CSU Sacramento Recreation and Wellness Center
Sacramento, CA

Napa Valley College Library and Learning Resource Building
Napa, CA

San Jose Civic Center
San Jose, CA

San Francisco Civic Center
San Francisco, CA

San Francisco City Hall Seismic Retrofit
San Francisco, CA

Santa Clara Valley Medical Center Hospital Structure
San Jose, CA

EXPERIENCE

31 Years

**YEARS OF SERVICE
WITH SIGNET**

12 Years

EDUCATION

California State
University, Hayward, CA
Chabot Community
College, Hayward, CA
Diablo Valley College,
Pleasant Hill, CA

CERTIFICATIONS

CTM 231 Nuclear Gauge
CTM 504 Air Content (Press)
CTM 518 Unit Weight
CTM 533 Ball Penetration
CTM 539 Concrete Sampling
CTM 540 Fab. Comp. Test
CTM 543 Air Content (Vol.)
CTM 375 In Place Density
CTM 201 Sample Preparation
CTM 204 Plasticity Index
CTM 209 Specific Gravity
CTM 202 Sieve Analysis
CTM 206-207 Specific Gravity
CTM 214 Organic Impurities
CTM 217 Sand Equivalent
CTM 227 Cleanness Value
CTM 229 Durability Index
CTM 301 "R" Value
CTM 521 Comp. Strength
CTM 523 Flex Strength
CTM 211 L.A. Rattler
CTM 312 CTB Comp.
CTM 304 AC Sample Prep.
CTM 305 Swell/Perm.
CTM 310/370 Moisture
CTM 366 Stabilometer
CTM 375 TMD

SKILLS AND EXPERIENCE

Mr. Rodriguez has more than 31 years of experience in the testing and inspection of soils, asphalt concrete materials, and concrete. He currently serves as Laboratory Manager and Radiation Safety Officer for Signet's Hayward office. He has worked extensively in the design, production, and placement of asphalt concrete materials, as well as the compaction control of soils using a nuclear moisture-density gauge. Mr. Rodriguez has exhibited his expertise on countless projects, and is valued as an asset of Signet's technical team and to the projects which he services.

REPRESENTATIVE PROJECT MANGEMENT EXPERIENCE:

Lawrence Livermore and Berkeley Laboratories, Livermore,
Berkeley, CA

Oakland International Airport, Oakland, CA

San Jose International Airport, San Jose, CA

Aladdin Avenue/Fairway Drive Overcrossing, San Leandro, CA

Golden Gate Bridge, San Francisco, CA

Bart - Dublin/Pleasanton Extension, Dublin, Pleasanton, CA

Bart Pittsburg/Antioch Extension, Pittsburg, Antioch, CA

Bart Colma Extension, Colma, CA

Naval Facilities, Concord, Mare Island, Alameda, Moffett Field,
Concord, Vallejo, Alameda, Mountain View, CA

Tasman and Guadalupe Corridor Light Rail Transit System, Santa
Clara Valley Transportation Authority, Santa Clara, CA

Ralston/Holly/Harbor Grade Separations, Phase I, Belmont, San
Carlos, CA

San Francisco International Airport - Runway 19 Left Overlay,
San Francisco, CA

OTHER EXPERIENCE

Dynamic Consultants, Inc. - 2004 to 2009: Soils Lab Supervisor

Signet Testing Labs, Inc. - 1992 to 2004: Soils Lab Supervisor

Testing Engineers, Inc. - 1978 to 1990: Lab Technician, Field
Inspector

Missouri Department of Highways and Transportation - 1990 to
1991: Lab Technician

EXPERIENCE

22 Years

YEARS OF SERVICE
WITH SIGNET

8 Years

CERTIFICATIONS

ICC – Structural Masonry
No. 5224817-84

ICC – Reinforced
Concrete
No. 5224817-49

ICC – Prestressed
Concrete
No. 5224817-92

ACI – Field Technician
Grade 1, No. 01004021

Certified Nuclear Gauge
Operator

California Test Methods:
125AGG, 125PCC, 1250,
216, 226, 231, 504, 518,
521, 533, 539, 540, 557

SKILLS AND EXPERIENCE

With 9 years experience in construction inspection experience, Mr. Lindstrom is qualified to provide soils, concrete, masonry, and batch plant inspections. He began his career with Signet in 2002 as a Material Tester. Prior to Signet, Mr. Lindstrom owned and operated his own construction company for 13 years. He has a great deal of construction knowledge and savvy, developed from his years of construction experience, which has been vital in his recent work with special inspection and general quality assurance services. He is able to communicate well with contractors, engineers, governing agency inspectors and technicians to insure quality performance and compliance with project specifications and governing codes.

REPRESENTATIVE PROJECT EXPERIENCE:

Diericx Bridge Replacement, Mountain View, CA

Evergreen Oil, Newark CA

Chevron Refinery, Richmond CA

The Crossing Parcels 3&4, San Bruno Ca – Residential Housing and Parking Structure

State Route 125, Chula Vista, CA. This \$775 million Design-Build Project consisting of a new 12 mile toll road from SR 905 to SR 54 and the gap/connectors to SR 54, which includes 23 bridge structures. Providing comprehensive quality control services including materials sampling, testing and inspection, source inspection, structural inspection and testers, utilizing facilities of four (4) onsite laboratories specifically setup for the project. Mr. Lindstrom's project role is Laboratory and Field Inspector.

Highway 210- Segment 3 & 4, Upland, CA. This \$198 million freeway extension project included segments 1-4. Performed California Test Method acceptance sampling and testing for this highway and structures project. Inspections and testing were provided for a period of 1 year.

Pier "S" Expansion– Port of Long Beach, Long Beach, CA. The Inspection and testing services include earth-work, asphalt/ concrete paving for container yards, special inspection of manufacturing plants. Signet has provided quality assurance services for placement of 77, 000+ tons of asphalt between Piers "E" and "S" expansion projects.

San Diego Padres Ballpark – PETCO, San Diego, CA. provided materials testing services for the concrete placement for the Stadium (\$350 million) portion or the project incorporates 2,500 tons of reinforcing steel, 61,600 cubic yards of concrete and 9,500 tons of structural steel.

MTA Division 22 Blowdown Facility, Lawndale, CA. Provided materials testing and inspection for this Metropolitan Transportation Authority Facility.

EXPERIENCE

11 Years

**YEARS OF SERVICE
WITH SIGNET**

5 Years

EDUCATION

Las Positas College
Livermore, CA.

Granada High School
Livermore, CA.

CERTIFICATIONS

ICC - Reinforced Concrete
No. 5294728-49

ICC - Applied Fireproofing
No. 5057

ICC - Prestressed Concrete
No. 5294728-92

ACI - Field Testing
Technician, Grade I
No. 00035257

CPN Nuclear Density
Gauge Certification

CALTRANS

CTM 105	CTM 308
CTM 106	CTM 309
CTM 125	CTM 366
CTM 201	CTM 367
CTM 202	CTM 375
CTM 211	CTM 382
CTM 216	CTM 504
CTM 217	CTM 518
CTM 226	CTM 533
CTM 227	CTM 539
CTM 231	CTM 540
CTM 304	
CTM 305	
CTM 307	

SKILLS AND EXPERIENCE

Mr. Bosque has over eleven years of experience in the materials compliance testing and inspection industry. During this time, Mr. Bosque has performed field inspections and laboratory testing in accordance with ICC (International Code Council), ASTM (American Society for Testing and Materials), ACI (American Concrete Institute) and the California Department of Transportation Test Methods (CTM). Mr. Bosque is multi-certified and qualified to provide reinforced concrete inspection and testing, pre-stressed concrete inspections, concrete and asphalt batch plant inspections, epoxy witness observation, proof load and torque testing, pachometer testing for surveying concrete walls and slabs, spray applied fireproofing inspections and relative compaction testing by way of the sand cone and nuclear gauge methods. Additionally, Jeff is certified to provide laboratory materials compliance testing in accordance with ASTM, AASHTO, ACI and CalTrans Test Methods.

Mr. Bosque communicates well with the project construction and inspection teams, subcontractors, design team, and local building officials. Mr. Bosque has extensive working knowledge of the various building codes and materials compliance testing procedures and is adept in applying his expertise.

REPRESENTATIVE PROJECT EXPERIENCE:

UC Berkeley - Underhill Parking Structure
Berkeley, CA.

Kaiser Permanente Hospital - Antioch
Antioch, CA

Oakland International Airport - Taxiway & Overlay
Oakland, CA

Metcalf Power Plant
San Jose, CA

San Jose International Airport
San Jose, CA

Caltrans Support Services - Benicia/Martinez Bridge & Toll Plaza,
Route 680/780 Interchange/Richmond-San Rafael Bridge

Tasman East Light Rail Extension
Milpitas, CA

Esprit Park
San Francisco, CA.

Coalinga Secure Treatment Facility
Coalinga CA

Foothill Expressway/Oregon Expressway - Resurfacing & Overlay
Vallejo, CA

EXPERIENCE

15 Years

**YEARS OF SERVICE
WITH SIGNET**

13 Years

EDUCATION

B.A. Water Resources
State University of New
York

Masters Degree in
Hydrogeology (In-
Progress)

Computer Literate
Word Processing and
Spreadsheet

CERTIFICATIONS

ACI - Field Testing
Technician
Grade I

Troxler Certified
Moisture Density Gauge

Caltrans Test Procedures

- No. 125
- No. 216
- No. 226
- No. 231
- No. 375
- No. 504
- No. 518
- No. 533
- No. 539
- No. 540

SKILLS AND EXPERIENCE

Mr. Stachura is a senior level, multi-certified Inspector with over fifteen (15) years of experience in the Construction, Materials Testing and Inspection Industries. During this time, Mr. Stachura has served as Special Inspector, Project Lead Inspector, and Radiation Safety Officer, lending his expertise on projects ranging from industrial and commercial facilities to schools, hospitals, and transportation systems. Mr. Stachura's strength lies with earthwork and paving observation and testing, as well as the sampling and inspection of reinforced concrete. Specifically, he has extensive experience on large scale transportation projects where CalTrans testing procedures are required. Mr. Stachura's abilities to clearly communicate and provide thorough documentation make him a valuable asset to Signet as well as our clients.

REPRESENTATIVE PROJECT EXPERIENCE:

City of Gilroy - On Call
Gilroy, CA

Kaiser Permanente - Oakland Medical Center Phase 2
Oakland, CA

Anderson Lake Boat Facility Expansion
Morgan Hill, CA

Camino Arroyo Bridge - Phase 2
Gilroy, CA

Saratoga High School - Science and Library Building
Saratoga, CA

VHA - Route 880 Widening
Various Locations, CA

SCVTA
Monterey / San Martin, CA

VHA - Route 17 Auxiliary Lane
Various Locations, CA

City of Menlo Park / Daly City - Road resurfacing
Menlo Park / Daly City, CA

VTA - Freight Rail Relocation
Fremont, CA

Gavilan College
Gilroy, CA

EXPERIENCE

26 Years

**YEARS OF SERVICE
WITH SIGNET**

26 Years

CERTIFICATIONS

ICC Structural Steel and
Welding
No. 0853733-85

AWS Certified Welding
Inspector
No. 09080681

Company Certified
Level II
Per ASNT SNT-TC-1A

- Ultrasonic
Testing Level II
- Magnetic Particle
Testing Level II

California Department of
Transportation

- Ultrasonic
Testing, Level II

Certified in Compliance
with FEMA 353

SKILLS AND EXPERIENCE

Mr. Haynes is a veteran of Signet who has worked with the firm since 1984 as a welding inspector and is dual licensed in visual inspection and non-destructive examination. Most of Mr. Haynes' 25 years of experience have been focused within San Francisco, including his four year assignment as lead structural steel inspector to the complex San Francisco City Hall project, as well as the visual inspection and non-destructive examination work for the Yerba Buena San Francisco Marriott Hotel (18,000 tons of steel and \$20 million steel package). He has also contributed a significant role on other notable projects including the San Francisco State Civic Center (\$240 million) and the 100 First Street High-rise project. Mr. Haynes has proven himself to be a team player while ensuring code compliance, ultimately seeing a project through successful completion on each occasion.

REPRESENTATIVE PROJECT EXPERIENCE:

San Francisco International Airport - Air train Building 1410 A and B
San Francisco, CA

Stanford University - Church renovation
Palo Alto, CA

Valley Christian Elementary School
San Jose, CA

San Francisco Civic Center
San Francisco, CA

Santa Clara Juvenile Hall
San Jose, CA

Williams Sonoma
San Francisco, CA

Network Appliance - Building A
Sunnyvale, CA

San Francisco City Hall
San Francisco, CA

Carquinez Bridge - West Bound
Vallejo, CA

Marriott Hotel
San Francisco, CA

USGS Lab/Office Building - Paleomagnetic Building
Menlo Park, CA

3Com (Candlestick) Park
San Francisco, CA

*Budget Estimate to Provide
Special Inspections and Material Testing Services*

<u>I. FIELD AND LABORATORY SERVICES</u>	<u>Qty</u>	<u>Rate</u>	<u>Amount</u>
A. Subgrade			
1. Field Compaction / Testing	17 day(s) 136 hour(s)	\$80.00 /hr	\$10,880.00
2. Moisture Density Curve - 6" Mold	5 each	\$275.00 /ea	\$1,375.00
B. Base Material			
1. Field Compaction / Testing	5 day(s) 40 hour(s)	\$80.00 /hr	\$3,200.00
2. Moisture Density Curve - 6" Mold	2 each	\$275.00 /ea	\$550.00
C. Structural Backfill			
1. Field Compaction / Testing	31 day(s) 248 hour(s)	\$80.00 /hr	\$19,840.00
2. Moisture Density Curve - 6" Mold	6 each	\$275.00 /ea	\$1,650.00
D. Concrete			
1. Sieve Analysis - Total Sieve (to 1-1/2" max)	13 each	\$190.00 /ea	\$2,470.00
2. Sand Equivalent - Aggregate	13 each	\$100.00 /ea	\$1,300.00
3. Cleanness Value - 1" maximum	13 each	\$150.00 /ea	\$1,950.00
4. Concrete Placement Inspection	42 day(s) 336 hour(s)	\$75.00 /hr	\$25,200.00
5. Concrete Compression Test - Cylinder	126 each	\$35.00 /ea	\$4,410.00
E. Rebar / Steel			
1. Rebar Placement Inspection	38 day(s) 304 hour(s)	\$75.00 /hr	\$22,800.00
2. Shop Welding Inspection	3 day(s) 24 hour(s)	\$75.00 /hr	\$1,800.00
3. Field Welding Inspection	6 day(s) 48 hour(s)	\$75.00 /hr	\$3,600.00
F. Pre-Stressing			
1. PT Strand Stressing Inspection	4 day(s) 32 hour(s)	\$75.00 /hr	\$2,400.00
G. Paving			
1. Test Maximum Density (TMD - Set of 5)	2 each	\$400.00 /ea	\$800.00
2. Sand Equivalent - Aggregate	1 each	\$100.00 /ea	\$100.00
3. Sieve Analysis - Total Sieve (to 1-1/2" max)	1 each	\$190.00 /ea	\$190.00
4. Bitumen Content (by ignition oven)	1 each	\$200.00 /ea	\$200.00
H. Specialty Inspections			
1. Waterproofing	10 day(s) 80 hour(s)	\$75.00 /hr	\$6,000.00
2. Miscellaneous Inspections	6 day(s) 48 hour(s)	\$75.00 /hr	\$3,600.00
D. Engineering/Administration			
1. Project Engineer	8 hour(s)	\$145.00 /hr	\$1,160.00
2. Quality Control Manager	4 hour(s)	\$110.00 /hr	\$440.00
3. Final Affidavit	1 ea	\$250.00 /ea	\$250.00
4. Trip Charge (within 50 miles of Office)	162 visit(s)	\$35.00 /day	\$5,670.00
Total Budget Estimate:			\$121,835.00

**Budget Estimate to Provide
Special Inspections and Material Testing Services**

II. PROPOSAL CLARIFICATIONS

A. Estimated Quantities:

Our estimated quantities and scope of services are based on the provided project plans and specifications. Should any changes to the project scope of work be necessary, Signet reserves the right to revise our estimate.

B. Time and Materials Charges:

This bid proposal is an estimate to perform services. Actual charges are based solely upon time spent on the job and the required and/or requested testing and laboratory services. Reinspections and weather related setbacks are not included in our estimate. Client will be invoiced for all work performed.

C. Basis of Charges / General Terms and Conditions

The proposed services are subject to Signet Testing Labs Basis of Charges and General Terms and Conditions (attached). The proposed rates are for work performed through July 1, 2011. Please see Section 8 of the General Terms and Conditions for potential rate adjustments for services performed after July 1, 2011.

Accepted By:	Signature	Printed Name / Title	Date
	Company Name	State Prevailing Wage?	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Address	Davis-Bacon Act?	<input type="checkbox"/> Yes <input type="checkbox"/> No
		Certified Payroll Required?	<input type="checkbox"/> Yes <input type="checkbox"/> No
	City, State, Zip Code	Phone	Fax

REIMBURSABLE LETTER OF AGREEMENT

CHP 465 (Rev. 9-08) OPI 071

Attachment 3

THIS AGREEMENT, Reimbursable Services Control Log # R-10-330-0203 made and entered into this 8th day of September, 2010, by and between the State of California, acting by and through the Department of California Highway Patrol, hereinafter called CHP, and City of Mountain View, hereinafter called City of Mountain View.

WITNESSETH: By and in consideration of the covenants and conditions herein contained, City of Mountain View and CHP do hereby agree to the following terms and conditions:

1. When ☒ traffic control ☐ security services ☐ vehicle inspections ☐ other details for City of Mountain View are required, CHP agrees to provide uniformed personnel with motorcycles and/or patrol vehicles to assist with the Traffic Control.
2. The term of this agreement will be 08/01/2010 to 08/01/2011.
3. CHP Coordinator shall be J. Egeline, telephone number (650) 369-6261.
4. In the event of a disaster or unforeseen emergency, this agreement may be canceled without prior notice by CHP.
5. This agreement may be amended in writing by mutual consent of the parties hereto.
6. The hours and miles indicated in this agreement are for estimate purposes only. Actual time and vehicle mileage will be charged. This includes travel between the CHP Division or Area office and the service location.
7. The rates indicated in this agreement are for estimate purposes only. Any increases in overhead, mileage, damaged uniforms, privately-owned safety equipment, salaries and benefits are governed by collective bargaining agreement and/or statute. In the event of a rate increase, City of Mountain View agrees to pay the increased rates.
8. In consideration for the above services and upon receipt of an itemized invoice, City of Mountain View agrees to reimburse CHP for the actual costs incurred at the time services are provided. Rates charged to City of Mountain View shall in no event exceed the actual costs to the CHP to perform the requested services. The following cost information is for estimate purposes only:

Sergeant:	_____ hrs.	@	\$ _____	\$ _____
Officer:	<u>300</u> hrs.	@	\$ <u>79.15</u>	\$ <u>23,745.00</u>
Vehicle mileage:	<u>7,500</u> miles	@	\$ <u>0.67</u>	\$ <u>5,025.00</u>
Motorcycle mileage:	_____ miles	@	\$ _____	\$ _____
Other expenses:	_____			\$ _____

TOTAL ESTIMATED COSTS (Estimate exceeding \$50,000 shall be forwarded on a CHP 78, Contract Request, to Business Services Section, Contract Services Unit):

\$ 28,770.00

9. Payment/Deposit/Purchase Order shall be required before services can be performed.

- a. Amount of Deposit collected: \$ _____
- b. Check Number/Purchase Order Number: _____
- c. Cash Receipt Number: _____

10. City of Mountain View agrees that additional charges, which are directly related to the services provided, may be assessed for CHP supplies, additional equipment utilized, damage to uniforms, or property repaired or replaced at CHP's expense.
11. If the CHP uniformed employee has reported to the assigned location and has worked less than four (4) hours, City of Mountain View agrees to pay every assigned uniform employee a minimum of four (4) hours overtime. Exception: This does not apply to those cases when the hours worked are part of an extended shift.
12. City of Mountain View will not be charged for cancellations made more than 24 hours prior to the scheduled assignment.
13. City of Mountain View agrees that if cancellation is made within 24 hours prior to the scheduled assignment and the assigned CHP uniformed employee(s) cannot be notified of such cancellation, a minimum of four (4) hours overtime will be charged for each assigned uniformed employee.
14. City of Mountain View agrees that if cancellation is made within 24 hours prior to the scheduled assignment and the CHP employee is **notified** of such cancellation, City of Mountain View will only be charged a short notice cancellation fee of \$50.00 per assigned CHP uniformed employee.
15. All cancellation notices to CHP must be made during normal CHP business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding legal holidays. Cancellation notices shall only be accepted by the appropriate CHP Division or Area office.
16. CHP agrees to make reasonable efforts to notify those CHP uniformed employees of the cancellation.
17. No additional gifts, donations, or gratuities may be accepted by the California Highway Patrol employees on their behalf or on behalf of the Department, informal squad fund or other local funds.
18. A county, city, district, or other local public body must provide the state with a copy of a resolution, order, motion, or ordinance of the local governing body which by law has authority to enter into an agreement, authorizing execution of the agreement.

STATE OF CALIFORNIA
Department of California Highway Patrol

Commander Signature

Date

G. Hammond

Printed Name

Captain

Title

330

Location Code

For use by City/County Clerk

Approved as to form by

Date

REQUESTOR'S NAME

Signature

Date

Sean Rose

Printed Name

Senior Civil Engineer

Title

500 Castro St.

Address

Mountain View

City

Ca

State

94039

Zip Code

(650) 903-6311

Telephone Number

This agreement under \$50,000 is exempt from Department of General Services' approval in accordance with the State Administrative Manual.