

**Meeting Date:** 8/11/2015

**Report Type:** Consent

**Report ID:** 2015-00690

**Title: Contract: Authorize Change Order Adding Water Meter Retrofits to Parkway & Valley Hi Water Meter Retrofit Project (Two-Thirds Vote Required)**

**Location:** District 7

**Recommendation:** Pass a Resolution 1) suspending competitive bidding, in the best interests of the City, for approximately 110 water meter retrofits in the 4-PR-18 area, so this work can be performed before street resurfacing, and 2) authorizing the City Manager or his designee to sign Change Order 1 to Contract No. 2014-0083 with Florez Paving, to approve performance of these meter retrofits by Florez Paving for an amount not-to-exceed \$133,350, bringing the total Contract amount to \$5,483,655.

**Contact:** Dan Sherry, Engineering & Water Resources Manager, (916) 808-1419; Michele Carrey, Supervising Engineer, (916) 808-1438, Department of Utilities

**Presenter:** None

**Department:** Department Of Utilities

**Division:** Cip Engineering

**Dept ID:** 14001321

**Attachments:**

- 1-Description/Analysis
- 2-Location Map - Additional Retrofits
- 3-Location Map - Original Project Area
- 4-Resolution
- 5-Contract

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**City Attorney Review**

Approved as to Form  
Joe Robinson  
7/29/2015 11:42:48 AM

**Approvals/Acknowledgements**

Department Director or Designee: Bill Busath - 7/24/2015 2:18:03 PM

## Description/Analysis

**Issue Detail:** City staff recommends adding approximately 110 water meter retrofits in the 4-PR-18 area (see attached location map), to the Parkway & Valley Hi Water Meter Retrofit Project, instead of competitively bidding this work. Adding this work to an existing meter retrofit project, instead of including this work in a future competitively bid project, is the only way to complete this work, which includes excavation in the street, before the Department of Public Works performs street resurfacing in this area in September 2015. If the work were included in a future competitively bid project, it would be necessary to excavate in newly resurfaced streets and then patch the excavation. The additional cost to include these meter retrofits in the Parkway & Valley Hi Water Meter Retrofit Project, which has a contract amount of \$5,350,305, is \$133,350.

**Policy Considerations:** Because the amount of the proposed additional meter retrofits exceeds \$100,000, this work normally would be competitively bid. The recommendation in this report is in accordance with City Code Section 3.60.170(D), which allows the City Council to suspend competitive bidding upon a two-thirds vote, if the City Council determines that it is in the best interests of the City to do so. Staff believes that it is in the City's best interests to suspend competitive bidding so that the proposed meter retrofits can be added to an existing project instead of being competitively bid, because: (1) Adding these meter retrofits to an existing project will avoid having to excavate and patch newly resurfaced streets to perform this work; (2) the cost of the proposed retrofits is small compared to the Parkway & Valley Hi Water Meter Retrofit Project contract amount of \$5.35 million, and (3) the proposed retrofits will be performed for the unit costs specified in the Parkway & Valley Hi Water Meter Retrofit Project contract, that was competitively bid, which will assure performance of this work at a competitive cost.

**Economic Impacts:** The addition of this work to the Parkway & Valley Hi Water Meter Retrofit Project is expected to create an additional .54 total jobs (.31 direct jobs and .23 jobs through indirect and induced activities) and create \$83,662.02 in total economic output (\$57,733.08 of direct output and another \$30,929.37 of output through indirect and induced activities).

The indicated economic impacts are estimates calculated using a calculation tool developed by the Center for Strategic Economic Research (CSER). CSER utilized the IMPLAN input-output model (2009 coefficients) to quantify the economic impacts of a hypothetical \$1 million of spending in various construction categories within the City of Sacramento in an average one-year period. Actual impacts could differ significantly from the estimates and neither the City of Sacramento nor CSER shall be held responsible for consequences resulting from such differences.

**Environmental Considerations:** The Community Development Department, Environmental Planning Services Division, has reviewed the proposed additional work and has determined that this work is categorically exempt from the California Environmental Quality Act (CEQA) under Section 15301 of the CEQA Guidelines. The work consists of: installing water meters that connect to the existing utility system involving a minor alteration of that system; the replacement of existing water utility systems involving negligible expansion of capacity; and the installation of new water meters (equipment).

**Sustainability:** The proposed meter retrofits are consistent with the Department of Utilities Business Plan and the City's Sustainability Master Plan goal of improving water conservation awareness, as the installation of water meters will allow the City to provide a monthly statement of water usage to the customers. Metered billing also improves water conservation and furthers the City's progress in implementing the Water Forum Agreement and the California Urban Water Conservation Council Best Management Practices (BMPs 1, 4, and 7).

**Commission/Committee Action:** Not Applicable

**Rationale for Recommendation:** Suspending competitive bidding to add this work to the existing Parkway & Valley Hi Water Meter Retrofit project is recommended to prevent the conflict of excavating and patching a newly repaved section of a street for the installation of water meters under the accelerated water meter program.

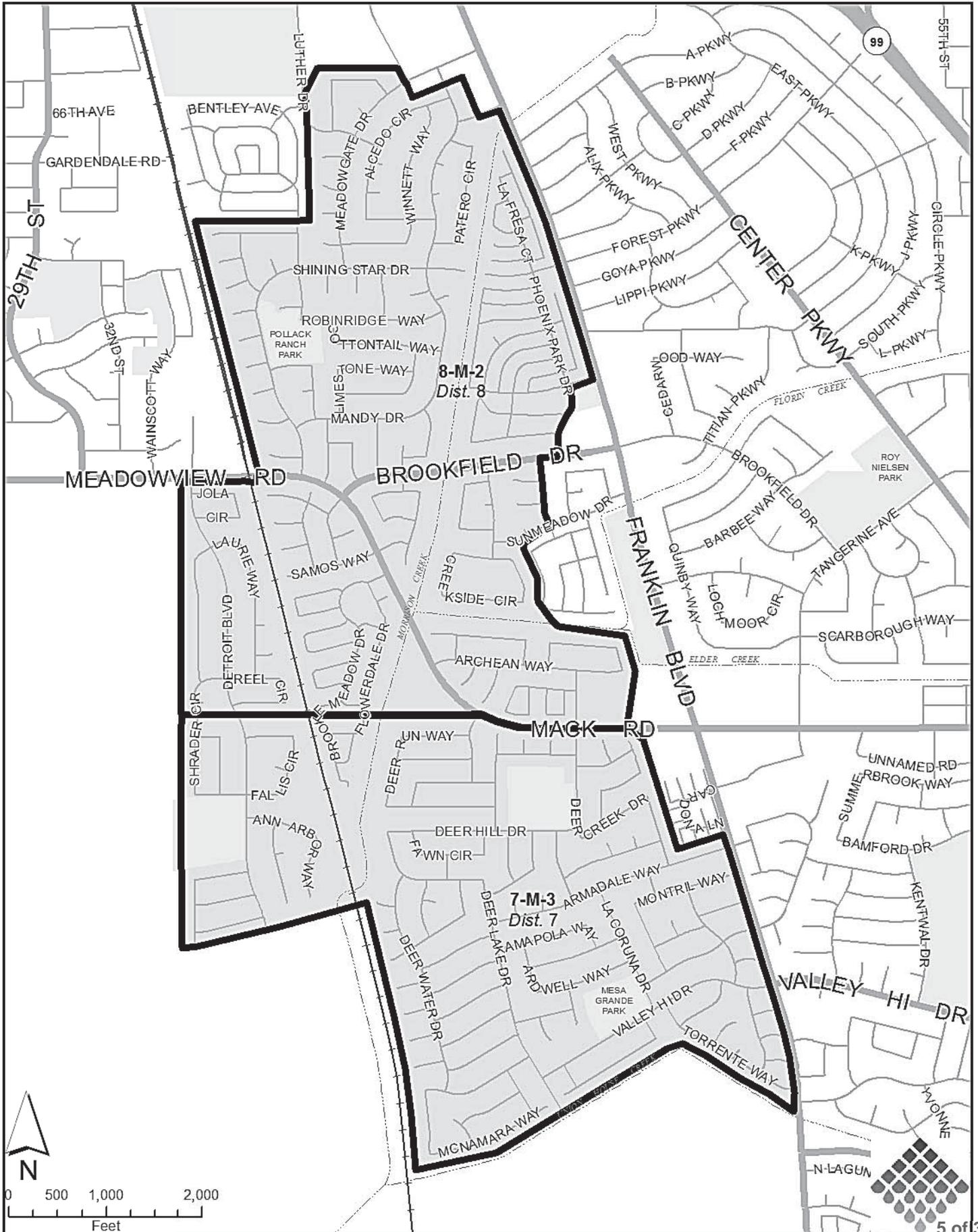
**Financial Considerations:** The Parkway & Valley Hi Water Meter Retrofit Project (Z1401000, Water Revenue Bonds Series 2013, Fund 6310) was awarded to Florez Paving on January 28, 2014, for a contract amount of \$5,350,305, and consists of retrofitting approximately 3,780 existing residential and commercial water service connections with meters. The proposed change order for additional meter retrofits is \$133,350. There is sufficient funding in Z14010000 (Water Revenue Bond Ser. 2013, Fund 6310) to award the contract and complete the project. This action has no impact on the General Fund.

**Local Business Enterprise (LBE):** Florez Paving is an LBE.



# LOCATION MAP

Parkway & Valley Hi WMR



## **RESOLUTION NO. 2015-**

Adopted by the Sacramento City Council

August 11, 2015

### **SUSPENDING COMPETITIVE BIDDING AND APPROVING CHANGE ORDER ADDING METER RETROFITS TO PARKWAY & VALLEY HI WATER METER RETROFIT PROJECT**

#### **BACKGROUND**

- A. The Department of Utilities recommends adding approximately 110 water meter retrofits in the 4-PR-18 area (shown on the location map included in the staff report for this item), to the Parkway & Valley Hi Water Meter Retrofit Project (shown on the location map included in the staff report for this item), instead of competitively bidding this work. Adding this work to an existing meter retrofit project, instead of including this work in a future competitively bid project, is the only way to complete this work, which includes excavation in the street, before the Department of Public Works performs street resurfacing in this area in September 2015.
- B. The Parkway & Valley Hi Water Meter Retrofit Project was awarded to Florez Paving on January 28, 2014, for a contract amount of \$5,350,305. The additional cost to include these meter retrofits in the Parkway & Valley Hi Water Meter Retrofit Project by change order is \$133,350. Because the amount of the proposed additional meter retrofits exceeds \$100,000, this work normally would be competitively bid.
- C. City Code Section 3.60.170(D) allows the City Council to suspend competitive bidding upon a two-thirds vote, if the City Council determines that it is in the best interests of the City to do so. It is in the City's best interests to suspend competitive bidding so that the proposed meter retrofits can be added to an existing project instead of being competitively bid, because: (1) Adding these meter retrofits to an existing project will avoid having to excavate and patch newly resurfaced streets to perform this work; (2) the cost of the proposed retrofits is small compared to the Parkway & Valley Hi Water Meter Retrofit Project contract amount of \$5.35 million; and (3) the proposed retrofits will be performed for the unit costs specified in the Parkway & Valley Hi Water Meter Retrofit Project contract, that was competitively bid, which will assure performance of this work at a competitive cost.

**BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL  
RESOLVES AS FOLLOWS:**

- Section 1. Competitive bidding is suspended, in the best interests of the City, for the performance of approximately 110 water meter retrofits in the 4-PR-18 area.
- Section 2. The City Manager or the City Manager's designee is authorized to sign Change Order 1 to Contract No. 2014-0083 with Florez Paving for the Parkway & Valley Hi Water Meter Retrofit Project, to approve performance of these meter retrofits by Florez Paving for an amount not-to-exceed \$133,350, bringing the total Contract amount to \$5,483,655.



# CITY OF SACRAMENTO

## DEPARTMENT OF UTILITIES

ENGINEERING SERVICES DIVISION

### CONTRACT SPECIFICATIONS FOR

### PARKWAY & VALLEY HI WATER METER RETROFIT

PN: Z14010070

B14141321014

Engineer's Estimate: \$5,370,000.00

For Pre-Bid Information Call:

No Separate Plans

Michelle Carrey  
Senior Engineer  
(916) 808-1438

Bid to be received before 2:00 PM  
Wednesday, November 20, 2013  
New City Hall, Office of the City Clerk  
915 I Street, 1<sup>st</sup> Floor, Room 1119  
Sacramento, CA 95814

**2014-0083**

**Title:** Parkway and Valley Hi Water  
Meter Retrofit  
**Other Party:** Florez Paving

NOTICE TO CONTRACTORS  
CITY OF SACRAMENTO

Sealed Proposals will be received by the City Clerk of the City of Sacramento (the "City") at the Office of the City Clerk, New City Hall, located at 915 I Street, 1st Floor, Room 1119 up to the hour of 2:00 p.m. on Wednesday, November 20, 2013 and opened at 2:00 p.m., or as soon thereafter as business allows, in the Hearing Room, Historic City Hall, 2nd Floor, for construction of:

**PARKWAY & VALLEY HI WATER METER RETROFIT  
(PN: Z14010070) (B14141321014)**

as set forth in the Construction Documents.

Proposals received and work performed thereunder shall comply with the requirements of Chapter 3.60 of the Sacramento City Code. Each Bid Proposal shall be accompanied by bid security of at least 10% of the sum of the Bid Proposal. The right to reject proposals or to waive any error or omission in any Bid Proposal received is reserved by the City. Signed proposals shall be submitted on the printed forms contained herein and enclosed in an envelope marked:

**SEALED PROPOSAL FOR  
PARKWAY & VALLEY HI WATER METER RETROFIT  
(PN: Z14010070) (B14141321014)**

Michelle Carrey, Department of Utilities, Engineering Services Division  
1395 35<sup>th</sup> Avenue, Sacramento, CA 95822  
Phone: (916) 808-1438 / Fax: (916) 808-1497/ Email: MCarrey@cityofsacramento.org

**You can view and download the plans and Contract Documents from:**

**PLANET BIDS**  
**<http://www.planetbids.com/portal/portal.cfm?CompanyID=15300#>**

USBR Funding Requirements

This project is being funded with federal funding distributed through the United State Bureau of Reclamation (USBR). These bid specifications include various federal and state law requirements and attachments (collectively referred to herein as the "Funding Requirements") that are hereby incorporated in and made part of the Contract and shall constitute Contract Documents.

All bidders, the Contractor awarded the Contract, and the Contractor's subcontractors and suppliers shall be required to comply with all applicable Funding Requirements. **The Funding Requirements include 6 forms that must be completed and returned with the bid (identified in the Funding Requirements as Attachments A, C, D, E, G, and H).** Any bid that does not comply with all applicable Funding Requirements may be rejected as nonresponsive.

Small and Minority Businesses and Women's Business Enterprises

Because this project is being funded with federal funding, it is subject to federal requirements that promote the participation of small and minority businesses and women's business enterprises, the City's Emerging and Small Business Enterprise requirements do not apply.

Bidders shall comply with the provisions of the Code of Federal Regulations, Title 43, Section 12.76(e), by taking the following affirmative steps to promote the use on this project of small and minority businesses, and women's business enterprises, when possible:

- (i) Bidders shall place qualified small and minority businesses and women's business enterprises on the bidders' solicitation lists for this project;
- (ii) Bidders shall assure that small and minority businesses, and women's business enterprises, are solicited whenever they are potential sources;

- (iii) Bidders shall divide total requirements for the project work, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
- (iv) Bidders shall establish delivery schedules, where the work requirements permit, which encourage participation by small and minority business, and women's business enterprises; and
- (v) Bidders shall use as necessary the services and assistance of the Small Business Administration, and the Minority Business Development Agency of the Department of Commerce.

#### Prevailing Wage Requirements

Because this project is being funded with Federal funding, it is subject to both federal and State prevailing wage requirements. Federal prevailing wage requirements (included in the attached "Funding Requirements") are established pursuant to the federal Davis-Bacon Act, which requires the payment of wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code. State prevailing wages are established by the Director of the California Department of Industrial Relations under the provisions of section 1773 of the California Labor Code. Copies of the federal and State prevailing wage rates are on file at **Department of Utilities, 1395 35<sup>th</sup> Ave, Sacramento CA 95822, Attn: Renee Graves**, and shall be made available to any bidder on request.

To comply with the above requirements, for each category of labor or services to which a prevailing wage rate applies, the Contractor and all subcontractors shall pay either the federal prevailing wages required pursuant to the Davis-Bacon Act, or the State prevailing wages established by the Director of the California Department of Industrial Relations, whichever is higher. All questions regarding the payment of prevailing wages should be directed to the City's Labor Compliance section at (916) 808-1465.

The City of Sacramento has an approved Labor Compliance Program. **Electronic Web submittal of Labor Compliance Reports is effective May 1, 2008.** Each contractor and every lower-tier subcontractor is required to submit certified payrolls and labor compliance documentation electronically at the discretion of and in the manner specified by the City.

Electronic submittal utilizes a web-based system, accessed on the World Wide Web by a web browser. Each contractor and subcontractor will be given a Log On identification and password to access the City of Sacramento reporting system.

Use of the system may entail additional data entry of weekly payroll information including employee identification labor classification, total hours worked and hours worked on this project, wage and benefit rates paid, etc.. The contractor's payroll and accounting software might be capable of generating a 'comma delimited file' that will interface with the software.

This requirement will be "flowed down" to every lower-tier subcontractor and vendor required to provide labor compliance documentation.

All questions regarding the Labor Compliance Program should be directed to the Labor Compliance Section at (916) 808-5524.

Pursuant to Sacramento City Code Section 3.60.250, any contract awarded pursuant to this Invitation to Bid shall contain a provision permitting the substitution of securities for any monies withheld to ensure performance under the Contract. The terms of such provisions shall be according to the requirements and the form required by the City.

Bid protests must be filed and maintained in accordance with the provisions of Section 3.60.460 through 3.60.560 (Article X) of Chapter 3.60 of the Sacramento City Code. Bid protests that do not comply with these provisions shall be invalid and shall not be considered. A bid protest fee of \$750.00 is required at the time of filing the protest to be considered valid. As used herein, the term "bid protests" includes any bid protest that (1) claims that one or more bidders on this contract should be disqualified or rejected for any reason, or (2) contests a City staff recommendation to award this contract to a particular bidder, or (3) contests a City staff recommendation to disqualify or reject one or more bidders on this contract. A copy of Article X of Chapter 3.60 of the Sacramento City Code may be obtained from the

Project Manager or from the Office of the City Clerk, located at 915 I Street, 1st Floor, Sacramento, CA 95814 (also available on the internet at <http://www.qcode.us/codes/sacramento/>).

The right to reject any and all bids or to waive any informality or irregularity in any bid received is reserved by the City Council.

**Contractor License Required: Class A license or of all the Following: C-8, C-27, C-29, C-34, and C-36.**

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SPECIAL PROVISIONS

**THE FOLLOWING DOCUMENTS**  
**ARE TO BE COMPLETED AND**  
**SUBMITTED WITH THE BID PACKAGE**

Contractor's Name: Florez Paving  
 (Please print)

CITY OF SACRAMENTO  
**SEALED PROPOSAL**  
 (MUST BE SIGNED BY BIDDER)

The Sealed Proposal will be received not later than Wednesday, November 20, 2013, at the Office of the City Clerk, Historic City Hall, at 915 I Street, 1<sup>st</sup> Floor, Sacramento, California and opened at 2:00 PM, or as soon thereafter as business allows, on Wednesday, November 20, 2013, by the Office of the City Clerk, 915 I Street, Historic City Hall, Hearing Room 2<sup>nd</sup> Floor, Sacramento, California.

TO THE HONORABLE CITY COUNCIL:

The undersigned hereby proposes and agrees to furnish any and all required labor, material, transportation, and services for

**PARKWAY & VALLEY HI WATER METER RETROFIT**  
**(PN: Z14010070) (B14141321014)**

in the City and County of Sacramento, California.

TOTAL BID: Five Million Three Hundred Fifty Thousand Three Hundred (\$ 5,350,305.<sup>00</sup>)  
Five Dollars and No Cents

The work herein described is to be performed in strict conformity with the Plans, City of Sacramento Standard Specifications, the Special Provisions, and all other Contract Documents, at the following unit prices:

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total
1	Construction Photographs or Video (Note: The bid amount for "Construction Photographs or Video" shall be one percent or less of the total base bid.)	1	LS	\$ <u>50,000.<sup>00</sup></u>	\$ <u>50,000.<sup>00</sup></u>
2	Meter Retrofit of 1-inch Water Services	3523	EA	\$ <u>985.<sup>00</sup></u>	\$ <u>3,470,155.<sup>00</sup></u>
3	Meter Retrofit of 1 1/2-inch Water Services	170	EA	\$ <u>2,050.<sup>00</sup></u>	\$ <u>348,500.<sup>00</sup></u>
4	Meter Retrofit of 2-inch Water Services	6	EA	\$ <u>2,500.<sup>00</sup></u>	\$ <u>15,000.<sup>00</sup></u>
5	2-Inch and Smaller Substandard Water Service Replaced	1380	EA	\$ <u>800.<sup>00</sup></u>	\$ <u>1,104,000.<sup>00</sup></u>
6	1-Inch Water Service with Meter, to Furnish and Install (main to hose bib)	2	EA	\$ <u>3,500.<sup>00</sup></u>	\$ <u>7,000.<sup>00</sup></u>
7	1-Inch Residential Water Pipe to Furnish and Install (meter to hose bib)	200	LF	\$ <u>10.<sup>00</sup></u>	\$ <u>2,000.<sup>00</sup></u>
8	1½ -Inch Residential Water Pipe to Furnish and Install (meter to hose bib)	300	LF	\$ <u>13.<sup>00</sup></u>	\$ <u>3,900.<sup>00</sup></u>
9	4" Water Meter Retrofit	14	EA	\$ <u>6,500.<sup>00</sup></u>	\$ <u>91,000.<sup>00</sup></u>
10	Street Water Service, to Abandon	15	EA	\$ <u>400.<sup>00</sup></u>	\$ <u>6,000.<sup>00</sup></u>
11	Concrete, to Remove and Replace	35,000	SF	\$ <u>5.<sup>00</sup></u>	\$ <u>175,000.<sup>00</sup></u>
12	Asphaltic Concrete Pavement to Remove and Replace	500	SF	\$ <u>3.<sup>00</sup></u>	\$ <u>1,500.<sup>00</sup></u>

Item No.	Description	Estimated Quantity	Unit	Unit Price	Total
13	1-Inch Meters to Furnish and Install in Existing Meter Box	75	EA	\$ <u>350.00</u>	\$ <u>26,250.00</u>
14	1-Inch Water Service (main to meter)	5	EA	\$ <u>2,000.00</u>	\$ <u>10,000.00</u>
15	Water Service, to Separate	10	EA	\$ <u>250.00</u>	\$ <u>2,500.00</u>
16	Hybrid Water Service with Meter to Furnish and Install (main to front/side/rear hose bib)	5	EA	\$ <u>4,500.00</u>	\$ <u>22,500.00</u>
17	Existing Valves, Tees, Saddles and Water Main, to Remove, Cap, or Abandon	1	LS	\$ <u>15,000.00</u>	\$ <u>15,000.00</u>

TOTAL BID: \$ 5,350,305.00

If awarded the contract, the undersigned shall execute said contract and furnish the necessary bonds within ten (10) days after the notice of award of said contract and begin work within fifteen (15) days after the signing of the contract by the Contractor and the City or the Notice to Proceed has been prepared, whichever is applicable.

In determining the amount bid by each bidder, City shall disregard mathematical errors in addition, subtraction, multiplication and division that appear obvious on the face of the Proposal. When such a mathematical error appears on the Proposal, the City shall have the right to correct such error and to compute the total amount bid by said bidder on the basis of the corrected figure or figures.

When the unit price of an item is required to be set forth in the Proposal, and the total for the item set forth separately does not agree with a figure derived by multiplying the item unit price times the Engineer's estimate of the quantity of work to be performed for said item, the item unit price shall prevail over the sum set forth as the total for the item unless, in the sole discretion of the City, such a procedure would be inconsistent with the policy of the City's bidding procedures. The total paid for each such item of work shall be based upon the item unit price and not the total price.

Should the Proposal contain only a total price for an item and the item unit price is omitted, the City shall determine the item unit price by dividing the total price of the item by the Engineer's estimate of the quantity of work to be performed for the item of work.

If the Proposal contains neither the item price nor the total price for the item, then it shall be deemed incomplete and the Proposal shall be disregarded.

The entire work shall be completed within a period of **two hundred fifteen (215) working days** commencing on the date specified in the Notice to Proceed. The amount of liquidated damages to be paid by the Contractor for failure to complete the entire work within such 110 working day period (as extended, if applicable) shall be **five hundred dollars (\$500.00) for each calendar day**, continuing to the date when the entire work is completed and accepted by the Engineer. Such amount is the actual cash value agreed upon as the loss to the City resulting from the default of the Contractor.

The undersigned represents and warrants that he/she has examined the location of the proposed work and is familiar with the conditions at the place where the work is to be performed. The undersigned further represents that he/she has reviewed and understands the Plans, Special Provisions, and other contract documents, and the undersigned is satisfied with all conditions for the performance of the work.

**Additionally, the undersigned shall include written documentation with the Sealed Proposal of previous satisfactory experience in installation of water main pipeline, in accordance with the following:**

- **The undersigned shall provide documentation for a minimum of one (1) project of a minimum of 750 meter retrofits constructed or multiple projects combined that would equal a similar size and scope or similar construction work as approved by**

the Engineer. The work shall have been performed by the undersigned for a municipality or other public agency within the last five years. The documentation for each project shall describe the work performed, including the size and number of meters installed, the contract amount and duration, and the time period of performance, and shall include the name, address and telephone number of the owner agency or municipality. The documentation also shall include the name of a contact person for each owner who is familiar with the work performed. The above documentation shall be included with the Sealed Proposal.

- A Sealed Proposal that does not include the above required documentation may be rejected as non-responsive.

**Please note that information included in the above documentation and/or obtained from such other owner agency or municipality or from another source regarding the bidder's performance on another public project also may be used by the City in determining whether the bidder is a responsible bidder.**

The undersigned has carefully checked all of the above figures and understands that the City of Sacramento will not be responsible for any errors or omissions on the part of the undersigned in making up this bid.

This proposal shall not be withdrawn for the time periods specified in Section 3-2 of the City of Sacramento Standard Specifications for award of contract to respective low bidders. This proposal is submitted in accordance with Chapter 3.60 of the Sacramento City Code and Sections 1, 2, and 3 of the City of Sacramento Standard Specifications.

In accordance with Standard Specification Section 3-2, the City shall award this contract to the lowest responsible bidder, if such award is made, within forty-five (45) working days after opening of the Proposals. The City reserves the right to reject any and all bids or to waive any informality or irregularity in any bid received.





## DRUG-FREE WORKPLACE POLICY AND AFFIDAVIT

BID MAY BE DECLARED NONRESPONSIVE IF THIS FORM (COMPLETED) IS NOT ATTACHED.  
Pursuant to City Council Resolution CC90-498 dated 6/26/90 the following is required.

The undersigned contractor certifies that it and all subcontractors performing under this contract will provide a drug-free workplace by:

1. Publishing a "Drug-Free Workplace" statement notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the contractor's workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Establishing a Drug-Free Awareness Program to inform employees about:
  - a. The dangers of drug abuse in the workplace.
  - b. The contractor's policy of maintaining a drug-free workplace.
  - c. Any available drug counseling, rehabilitation, and employee assistance program.
  - d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.
3. Notify employees that as a condition of employment under this contract, employees will be expected to:
  - a. Abide by the terms of the statement.
  - b. Notify the employer of any criminal drug statute conviction for a violation occurring in the workplace.
4. Making it a requirement that each employee to be engaged in the performance of the contract be given a copy on the "Drug-Free Workplace" statement.
5. Taking one of the following appropriate actions, within thirty (30) days of receiving notice from an employee or otherwise receiving such notice, that said employee has received a drug conviction for a violation occurring in the workplace:
  - a. Taking appropriate disciplinary action against such an employee, up to and including termination; or
  - b. Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a federal, state, or local health, law enforcement or other appropriate agency.

\* I certify that no person employed by this company, corporation, or business has been convicted of any criminal drug statute violation on any job site or project where this company, corporation, or business was performing work within three years of the date of my signature below.

EXCEPTION:

None

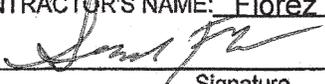
Date	Violation Type	Place of Occurrence
If additional space is required use back of this form.		

\*The above statement will also be incorporated as a part of each subcontract agreement for any and all subcontractors selected for performance on this project.

IN THE EVENT THIS COMPANY, CORPORATION, OR BUSINESS IS AWARDED THIS CONSTRUCTION CONTRACT, AS A RESULT OF THIS BID; THE CONTRACTOR WITH HIS/HER SIGNATURE REPRESENTS TO THE CITY THAT THE INFORMATION DISCLOSED IN THIS DOCUMENT IS COMPLETE AND ACCURATE. IT IS UNDERSTOOD AND AGREED THAT FALSE CERTIFICATION IS SUBJECT TO IMMEDIATE TERMINATION BY THE CITY.

The Representations Made Herein On This Document Are Made Under Penalty Of Perjury.

CONTRACTOR'S NAME: Florez Brothers Inc. dba Florez Paving

BY:  President Date: 11/20/2013  
Signature Title

Effects of violations: a. Suspension of payments under this contract. b. Suspension or termination of the contract. c. Suspension or debarment of the contractor from receiving any contract from the City of Sacramento for a period not to exceed five years.

FM

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## MINIMUM QUALIFICATIONS QUESTIONNAIRE

Sacramento City Code Section 3.60.020 authorizes the Sacramento City Council to adopt standard minimum qualifications for bidders on competitively bid public works construction projects, and requires, among other provisions, that a bidder meet such minimum qualifications at the time of bid opening in order to bid. On July 31, 2007, the City Council adopted Resolution No. 2007-574 establishing these standard minimum qualifications. Pursuant to City Code section 3.60.020, a bidder failing to meet these minimum qualifications at the time of bid opening shall not be considered a responsible bidder for purposes of bidding on the subject project.

All bidders must demonstrate compliance with the minimum qualifications established by Resolution No. 2007-574 by completing all of the questions contained in this questionnaire. Bidder responses shall be limited to those operating business units, offices, branches and/or subsidiary divisions of the bidder that will be involved with the performance of any project work if awarded the contract. If a bidder answers "yes" to any single question, fails to submit a fully completed questionnaire, or submits false information, this will result in a determination that the minimum qualifications are not met, and the bidder shall not be considered a qualified bidder for purposes of bidding on this contract. If two or more entities submit a bid on a contract as a Joint Venture, each entity within the Joint Venture must separately meet these minimum qualifications for the Joint Venture to be considered a qualified bidder.

The City of Sacramento ("City") shall make its determination on the basis of the submitted questionnaire, as well as any relevant information that is obtained from others or as a result of investigation by the City. While it is the intent of this questionnaire to assist the City in determining whether bidders possess the minimum qualifications necessary to submit bids on the City's competitively bid public works construction contracts, the fact that a bidder submits a questionnaire demonstrating that it meets these minimum qualifications shall not in any way limit or affect the City's ability to: (1) review other information contained in the bid submitted by the bidder, and additional relevant information, and determine whether the contractor is a responsive and/or responsible bidder; or (2) establish pre-qualification requirements for a specific contract or contracts.

By submitting this questionnaire, the bidder consents to the disclosure of its questionnaire answers: (i) to third parties for purposes of verification and investigation; (ii) in connection with any protest, challenge or appeal of any action taken by the City; and (iii) as required by any law or regulation, including without limitation the California Public Records Act (Calif. Gov't Code sections 6250 et seq.). Each questionnaire must be signed under penalty of perjury in the manner designated at the end of the form, by an individual who has the legal authority to bind the bidder submitting the questionnaire. If any information provided by a bidder becomes inaccurate, the bidder shall immediately notify the City and provide updated accurate information in writing, under penalty of perjury.

## QUESTIONNAIRE

**NOTICE:** For firms that maintain other operating business units, offices, branches and/or subsidiary divisions that will not be involved with the performance of any project work if the firm is awarded the contract, references hereafter to "your firm" shall mean only those operating business units, offices, branches and/or subsidiary divisions that will be involved with the performance of any project work.

All of the following questions regarding "your firm" refer to the firm (corporation, partnership or sole proprietor) submitting this questionnaire, as well as any firm(s) with which any of your firm's owners, officers, or partners are or have been associated as an owner, officer, partner or similar position within the last five years

The firm submitting this questionnaire shall not be considered a responsible bidder if the answer to any of these questions is "yes", or if the firm submits a questionnaire that is not fully completed or contains false information.

1. **Classification & Expiration Date(s) of California Contractor's License Number(s) held by firm:**  
Florez Paving Lic. No. 766999 Class "A" General Exp. 08/31/2015
  
2. Has a contractor's license held by your firm and/or any owner, officer or partner of your firm been revoked at anytime in the last five years?  
 Yes                       No
  
3. Within the last five years, has a surety firm completed a contract on your firm's behalf, or paid for completion of a contract to which your firm was a party, because your firm was considered to be in default or was terminated for cause by the project owner?  
 Yes                       No
  
4. At the time of submitting this minimum qualifications questionnaire, is your firm ineligible to bid on or be awarded a public works contract, or perform as a subcontractor on a public works contract, pursuant to either California Labor Code section 1777.1 (prevailing wage violations) or Labor Code section 1777.7 (apprenticeship violations)?  
 Yes                       No
  
5. At any time during the last five years, has your firm, or any of its owners, officers or partners been convicted of a crime involving the awarding of a contract for a government construction project, or the bidding or performance of a government contract?  
 Yes                       No

6. Answer either subsection A or B, as applicable:

A. Your firm has completed three or more government construction contracts in Sacramento County within the last five years: Within those five years, has your firm been assessed liquidated damages on three or more government construction contracts in Sacramento County for failure to complete contract work on time?

**NOTE: If there is a pending administrative or court action challenging the assessment of liquidated damages on a government contract within the last five years, you need not include that contract in responding to this question.**

Yes

No

Not applicable

OR

B. Your firm has not completed at least three government construction contracts in Sacramento County within the last five years: Within the last three years, has your firm been assessed liquidated damages on three or more government construction contracts for failure to complete contract work on time?

**NOTE: If there is a pending administrative or court action challenging an assessment of liquidated damages on a government contract within the last three years, you need not include that contract in responding to this question.**

Yes

No

Not applicable

7. In the last three years has your firm been debarred from bidding on, or completing, any government agency or public works construction contract for any reason?

**NOTE: If there is a pending administrative or court action challenging a debarment, you need not include that debarment in responding to this question.**

Yes

No

8. Has CAL OSHA assessed a total of three or more penalties against your firm for any "serious" or "willful" violation occurring on construction projects performed in Sacramento County at any time within the last three years?

**NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.**

Yes

No

9. Answer either subsection A or B, as preferred:

A. In the last three years has your firm had a three year average Workers' Compensation experience modification rate exceeding 1.1?

Yes

No

**OR**

B. In the last three years has your firm had a three-year average incident rate for total lost workday cases exceeding 10?

**NOTE: Incident rates represent the number of lost workday cases per 100 full-time workers and is to be calculated as:  $(N/EH) \times 200,000$ , where**

**N = number of lost workday cases (as defined by the U.S. Dept. of Labor, Bureau of Labor Statistics)**

**EH = total hours worked by all employees during the calendar year**

**200,000 = base for 100 equivalent full-time working (working 40 hours per week, 50 weeks per year)**

Yes

No

10. In the past three years, has the federal EPA, Region IX or a California Air Quality Management District or Regional Water Quality Control Board assessed penalties three or more times, either against your firm, or against the project owner for a violation resulting in whole or in part from any action or omission by your firm on a project on which your firm was a contractor in Sacramento County?

**NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.**

Yes

No

11. In the past three years, has the federal EPA, Region IX or a California Air Quality Management District or Regional Water Quality Control Board assessed a single penalty of \$100,000 or more, either against your firm, or against the project owner for a violation resulting in whole or in part from any action or omission by your firm on a project on which your firm was the contractor in Sacramento County?

**NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.**

Yes

No

12. In the past three years, have civil penalties been assessed against your firm pursuant to California Labor Code 1777.7 for violation of California public works apprenticeship requirements, three or more times?

**NOTE: If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.**

Yes

No

13. In the past three years, has a public agency in California withheld contract payments or assessed penalties against your firm for violation of public works prevailing wage requirements, three or more times?

**NOTE:** If there is a pending administrative or court action appealing a withholding or penalty assessment, you need not include that withholding or penalty assessment in responding to this question.

Yes

No

14. Has your firm been assessed penalties for violation of public works prevailing wage requirements in California, in an aggregate amount for the past three years of \$50,000 or more?

**NOTE:** If there is a pending administrative or court action appealing a penalty assessment, you need not include that penalty assessment in responding to this question.

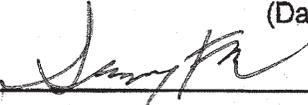
Yes

No

## VERIFICATION AND SIGNATURE

I, the undersigned, certify and declare that I have read all the foregoing answers to this Minimum Qualifications Questionnaire, and know their contents. The matters stated in these Questionnaire answers are true of my own knowledge and belief, except as to those matters stated on information and belief, and as to those matters I believe them to be true. I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Signed at Sacramento, California, on Nov. 20, 2013.  
(Location) (Date)

Signature:  \_\_\_\_\_

Print name: Sam S. Florez

Title: President

NOTE: If two or more entities submit a bid on a contract as a Joint Venture, each entity within the Joint Venture must submit a separate Minimum Qualifications Questionnaire.

# REQUIREMENTS OF THE NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

## INTRODUCTION

The Sacramento Non-Discrimination In Employee Benefits Code (the "Ordinance"), codified as Sacramento City Code Chapter 3.54, prohibits City contractors from discriminating in the provision of employee benefits between employees with spouses and employees with domestic partners, and between the spouses and domestic partners of employees.

## APPLICATION

The provisions of the Ordinance apply to any contract or agreement (as defined below), between a Contractor and the City of Sacramento, in an amount exceeding \$25,000.00. The Ordinance applies to that portion of a contractor's operations that occur: (i) within the City of Sacramento; (ii) on real property outside the City of Sacramento if the property is owned by the City or if the City has a right to occupy the property; or (iii) at any location where a significant amount of work related to a City contract is being performed.

**The Ordinance does not apply: to subcontractors or subcontracts of any Contractor or contractors; to transactions entered into pursuant to cooperative purchasing agreements approved by the Sacramento City Council; to legal contracts of other governmental jurisdictions or public agencies without separate competitive bidding by the City; where the requirements of the ordinance will violate or are inconsistent with the terms or conditions of a grant, subvention or agreement with a public agency or the instructions of an authorized representative of any such agency with respect to any such grant, subvention or agreement; to permits for excavation or street construction; or to agreements for the use of City right-of-way where a contracting utility has the power of eminent domain.**

## DEFINITIONS

As set forth in the Ordinance, the following definitions apply:

"Contract" means an agreement for public works or improvements to be performed, or for goods or services to be purchased or grants to be provided, at the expense of the City or to be paid out of moneys deposited in the treasury or out of the trust money under the control or collected by the City. "Contract" also means a written agreement for the exclusive use ("exclusive use" means the right to use or occupy real property to the exclusion of others, other than the right reserved by the fee owner) or occupancy of real property for a term exceeding 29 days in any calendar year, whether by singular or cumulative instrument, (i) for the operation or use by others of real property owned or controlled by the City for the operation of a business, social, or other establishment or organization, including leases, concessions, franchises and easements, or (ii) for the City's use or occupancy of real property owned by others, including leases, concessions, franchises and easements.

"Contract" shall not include: a revocable at-will use or encroachment permit for the use of or encroachment on City property regardless of the ultimate duration of such permit; excavation, street construction or street use permits; agreements for the use of City right-of-way where a contracting utility has the power of eminent domain; or agreements governing the use of City property that constitute a public forum for activities that are primarily for the purpose of espousing or advocating causes or ideas and that are generally protected by the First Amendment to the United States Constitution or that are primarily recreational in nature.

"Contractor" means any person or persons, firm partnership or corporation, company, or combination thereof, that enters into a Contract with the City. "Contractor" does not include a public entity.

"Domestic Partner" means any person who has a currently registered domestic partnership with a governmental entity pursuant to state or local law authorizing the registration.

"Employee Benefits" means bereavement leave; disability, life, and other types of insurance; family medical leave; health benefits; membership or membership discounts; moving expenses; pension and retirement benefits; vacation; travel benefits; and any other benefit given to employees. "Employee benefits" shall not include benefits to the extent that the application of the requirements of this chapter to such benefits may be preempted by federal or state.

### **CONTRACTOR'S OBLIGATION TO PROVIDE THE CITY WITH DOCUMENTATION AND INFORMATION**

Contractor shall provide the City with documentation and information verifying its compliance with the requirements of the Ordinance within ten (10) days of receipt of a request from the City. Contractors shall keep accurate payroll records, showing, for each City Contract, the employee's name, address, Social Security number, work classification, straight time pay rate, overtime pay rate, overtime hours worked, status and exemptions, and benefits for each day and pay period that the employee works on the City Contract. Each request for payroll records shall be accompanied by an affidavit to be completed and returned by the Contractor, as stated, attesting that the information contained in the payroll records is true and correct, and that the Contractor has complied with the requirements of the Ordinance. A violation of the Ordinance or noncompliance with the requirements of the Ordinance shall constitute a breach of contract.

### **EMPLOYER COMPLIANCE CERTIFICATE AND NOTICE REQUIREMENTS**

- (a) All contractors seeking a Contract subject to the Ordinance shall submit a completed Declaration of Compliance Form (attached as Attachment 1), signed by an authorized representative, with each proposal, bid or application. The Declaration of Compliance shall be made a part of the executed contract, and will be made available for public inspection and copying during regular business hours.
- (b) The Contractor shall give each existing employee working directing on a City contract, and (at the time of hire), each new employee, a copy of the notification attached as Attachment 2.
- (c) Contractor shall post, in a place visible to all employees, a copy of the notice attached as Attachment 3.

**DECLARATION OF COMPLIANCE  
Equal Benefits Ordinance**

Florez Paving

Name of Contractor

4000 24th Street, Sacramento, CA 95822

Address

The above named contractor ("Contractor") hereby declares and agrees as follows:

1. I have read and understand the Requirements of the Non-Discrimination In Employee Benefits Code (the "Requirements") provided to me by the City of Sacramento ("City") in connection with the City's request for proposals or other solicitations for the performance of services, or for the provision of commodities, under a City contract or agreement ("Contract").
2. As a condition of receiving the City Contract, I agree to fully comply with the Requirements, as well as any additional requirements that may be specified in the City's Non-Discrimination in Employee Benefits Code codified at Chapter 3.54 of the Sacramento City Code (the "Ordinance").
3. I understand, to the extent that such benefits are not preempted or prohibited by federal or state law, employee benefits covered by the Ordinance, are any of the following:
  - a. Bereavement Leave
  - b. Disability, life, and other types of insurance
  - c. Family medical leave
  - d. Health benefits
  - e. Membership or membership discounts
  - f. Moving expenses
  - g. Pension and retirement benefits
  - h. Vacation
  - i. Travel benefits
  - j. Any other benefit offered to employees

I agree that should I offer any of the above listed employee benefits, that I will offer those benefits, without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouses and domestic partners of such employees.

4. I understand that I will not be considered to be discriminating in the provision or application of employee benefits under the following conditions or circumstances:
  - a. In the event that the actual cost of providing a benefit to a domestic partner or spouse, exceeds the cost of providing the same benefit to a spouse or domestic partner of an employee, I will not be required to provide the benefit, nor shall it be deemed discriminatory, if I require the employee to pay the monetary difference in order to provide the benefit to the domestic partner or to the spouse.
  - b. In the event I am unable to provide a certain benefit, despite taking reasonable measures to do so, if I provide the employee with a cash equivalent, I will not be deemed to be discriminating in the application of that benefit.

- c. If I provide employee benefits neither to employee's spouses nor to employee's domestic partners.
- d. If I provide employee benefits to employees on a basis unrelated to marital or domestic partner status.
- e. If I submit, to the Program Coordinator, written evidence of making reasonable efforts to end discrimination in employee benefits by implementing policies which are to be enacted before the first effective date after the first open enrollment process following the date the Contract is executed with the City.

I understand that any delay in the implementation of such policies may not exceed one (1) year from the date the Contract is executed with the City, and applies only to those employee benefits for which an open enrollment process is applicable.

- f. Until administrative steps can be taken to incorporate, in the infrastructure, nondiscrimination in employee benefits

The time allotted for these administrative steps will apply only to those employee benefits for which administrative steps are necessary and may not exceed three (3) months from the date the Contract is executed with the City.

- g. Until the expiration of a current collective bargaining agreement(s) where, in fact, employee benefits are governed by a collective bargaining agreement(s).

- h. I take all reasonable measures to end discrimination in employee benefits by either requesting the union(s) involved agree to reopen the agreement(s) in order for me to take whatever steps are necessary to end discrimination in employee benefits or by my ending discrimination in employee benefits without reopening the collective bargaining agreement(s).

- i. In the event I cannot end discrimination in employee benefits despite taking all reasonable measures to do so, I provide a cash equivalent to eligible employees for whom employee benefits (as listed previously), are not available.

Unless otherwise authorized in writing by the City Manager, I understand this cash equivalent must begin at the time the union(s) refuse to allow the collective bargaining agreement(s) to be reopened or no longer than three (3) months from the date the Contract is executed with the City.

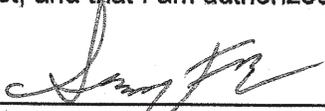
- 5. I understand that failure to comply with the provisions of Section 4. (a) through 4. (i), above, will subject me to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; debarment for future contracts until all penalties and restitution have been paid in full; deemed ineligible for future contracts for up to two (2) years; the imposition of a penalty, payable to the City, in the sum of \$50.00 for each employee, for each calendar day during which the employee was discriminated against in violation of the provisions of the Ordinance.
- 6. I understand and do hereby agree to provide each current employee and, within ten (10) days of hire, each new employee, of their rights under the Ordinance. I further agree to maintain a copy of each such letter provided, in an appropriate file for possible inspection by an authorized representative of the City. I also agree to prominently display a poster informing each employee of these rights.

7. I understand that I have the right to request an exemption to the benefit provisions of the Ordinance when such a request is submitted to the Procurement Services Division, in writing with sufficient justification for resolution, prior to contract award.

I further understand that the City may request a waiver or exemption to the provisions or requirements of the Ordinance, when only one contractor is available to enter into a contract or agreement to occupy and use City property on terms and conditions established by the City; when sole source conditions exist for goods, services, public project or improvements and related construction services; when there are no responsive bidders to the Ordinance requirements and the contract is for essential goods or services; when emergency conditions with public health and safety implications exist; or when the contract is for specialized legal services if in the best interest of the City.

8. In consideration of the foregoing, I shall defend, indemnify and hold harmless, the City, its officers and employees, against any claims, actions, damages, costs (including reasonable attorney fees), or other liabilities of any kind arising from any violation of the Requirements or of the Ordinance by me.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that I am authorized to bind the Contractor to the provisions of this Declaration.

  
\_\_\_\_\_  
Signature of Authorized Representative

11/20/2013  
\_\_\_\_\_  
Date

Sam Florez  
\_\_\_\_\_  
Print Name

President  
\_\_\_\_\_  
Title



**YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S  
NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS ORDINANCE**

On ..... (date), your employer (the "Employer") entered into a contract with the City of Sacramento (the "City") for ..... (contract details), and as a condition of that contract, agreed to abide by the requirements of the City's Non-Discrimination In Employee Benefits By City Contractors Ordinance (Sacramento City Code Section 3.54).

The Ordinance does not require the Employer to provide employee benefits. The Ordinance does require that if certain employee benefits are provided by the Employer, that those benefits be provided without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouse or domestic partner of employees.

The Ordinance covers any employee working on the specific contract referenced above, but only for the period of time while those employees are actually working on this specific contract.

The included employee benefits are:

- Bereavement leave
- Disability, life and other types of insurance
- Family medical leave
- Health benefits
- Membership or membership discounts
- Moving expenses
- Pension and retirement benefits
- Vacation
- Travel benefits
- Any other benefits given to employees

(Employee Benefits does not include benefits that may be preempted by federal or state law.)

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, or in the application of these employee benefits, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of the Ordinance, and after having exhausted all remedies with your employer,

**You May . . .**

- Submit a written complaint to the City of Sacramento, Contract Services Unit, containing the details of the alleged violation. The address is:  
  
City of Sacramento  
Contract Services Unit  
915 I St., 2nd Floor  
Sacramento, CA 95814
  
- Bring an action in the appropriate division of the Superior Court of the State of California against the Employer and obtain the following remedies:
  - Reinstatement, injunctive relief, compensatory damages and punitive damages
  
  - Reasonable attorney's fees and costs



**YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S  
NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY CONTRACTORS ORDINANCE**

If your employer provides employee benefits, they must be provided to those employees working on a City of Sacramento contract without discriminating between employees with spouses and employees with domestic partners.

The included employee benefits are:

- Bereavement leave
- Disability, life and other types of insurance
- Family medical leave
- Health benefits
- Membership or membership discounts
- Moving expenses
- Pension and retirement benefits
- Vacation
- Travel benefits
- Any other benefits given to employees

If you feel you have been discriminated against by your employer . . .

**You May . . .**

- o Submit a written complaint to the City of Sacramento, Contract Services Unit, containing the details of the alleged violation. The address is:  
  
City of Sacramento  
Contract Services Unit  
915 I St., 2nd Floor  
Sacramento, CA 95814
- o Bring an action in the appropriate division of the Superior Court of the State of California against the employer and obtain reinstatement, injunctive relief, compensatory damages, punitive damages and reasonable attorney's fees and costs.

**Discrimination and Retaliation Prohibited.**

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of this Ordinance . . .

**You May Also . . .**

Submit a written complaint to the City of Sacramento, Contract Services Unit, at the same address, containing the details of the alleged violation.

## Construction and Demolition (C&D) Debris Recycling Requirements

As a condition of receiving this Contract, Contractor agrees to fully comply with the requirements specified herein for projects with a valuation of \$250,000 or more:

1. **Definitions.** For purposes of this sections, the following terms, words and phrases shall have the following meanings:

"Certified C&D sorting facility" means a facility that receives C&D debris and/or processes C&D debris into its component material types for reuse, recycling and disposal of residuals and possesses a valid certificate as a C&D sorting facility from the Sacramento Regional County Solid Waste Authority.

"Construction and demolition debris" or "C&D debris" means used or commonly discarded materials resulting from construction, repair, remodel, or demolition operations on any pavement, house, building, or other structure, or from landscaping that are not hazardous as defined in California Health and Safety Code Section 25100 et seq. Such materials include, but are not limited to, concrete, asphalt, wood, metal, brick, dirt, sand, rock, gravel, plaster, glass, gypsum wallboard, cardboard and other associated packaging, roofing material, ceramic tile, carpeting, masonry, plastic pipe, trees, and other vegetative matter resulting from land clearing and landscaping.

"Divert" or "diversion" means to use materials for any purpose other than disposal in a landfill or transformation facility. Methods to divert materials include on-site reuse of the material, delivery of the materials from the project site to a certified C&D sorting facility or a recycling facility, or other methods as approved in regulations promulgated by the City Department of Utilities.

"Franchised Waste hauler" means a person who possesses a valid commercial solid waste collection franchise issued by the Sacramento Regional County Solid Waste Authority.

"Mixed C&D debris" means loads that include commingled recyclable and non-recyclable C&D debris generated at a project site.

"Recyclable C&D debris" means C&D debris required to be diverted from landfills as specified in the Waste Management Plan and returned to the economic mainstream in the form of raw material for new, reused or reconstituted products that meet the quality standards necessary to be used in the marketplace.

"Recycling facility" means a facility or operation that receives, processes, and transfers source-separated recyclable materials.

"Source-Separated C&D debris" means recyclable C&D debris that is separately sorted and containerized at the site of generation by individual material type and segregated from mixed C&D debris prior to collection and transporting.

"Waste log" means a record detailing the management of C&D debris generated by the covered project, including the date and weight/volume of material by type and that was salvaged, reused, recycled or disposed.

2. **Waste Management Plan.** A completed WMN (See **Attachment 1**) must be submitted to and approved by the City prior to commencing any work on the project. The WMP must specify the types of C&D debris that will be generated from the project; the manner in which C&D debris will be managed and/or stored on the project site; the manner in which recyclable C&D debris generated from the project will be recycled or reused; the person who will haul, collect or transport the

recyclable C&D debris from the project site; and the certified C&D sorting facility or recycling facility where recyclable C&D debris will be delivered. The WMP must be approved by the City prior to commencing any work on the project.

3. Contractor shall be solely responsible for diverting the recyclable C&D materials specified on the WMP. Mixed C&D debris shall be delivered to a SWA-Certified C&D sorting facility only. Only the Permit holder, the person who generates the waste, a franchised waste hauler, or the City of Sacramento can transport or haul mixed C&D debris. Source-separated C&D debris may be delivered by any person to any recycling facility that accepts such materials. (See **Attachment 2** for list of C&D Debris Haulers and Facilities).
4. During the course of the project, Contractor shall maintain a waste log (see Attachment 3), and keep all weight tickets or weight receipts, for all C&D debris hauled away from the project. At a minimum, the waste log shall specify the C&D debris generated by the project; the manner in which C&D debris was recycled or re-used; and the facility where the C&D debris was delivered.
5. Within 30 days after final inspection of the project, Contractor shall submit to the City a completed waste log. Contractor shall maintain and keep accurate and complete records of all bills, weight receipts or weight tickets that were issued for the collection, transport or disposal of C&D debris for a period of one-year after submittal of the waste log. The records shall be made available for inspection, examination and audit by the City during the one-year retention period to validate the information provided in the WMP and in the Waste log. If the City determines noncompliance by the Contractor after an audit has been conducted, Contractor shall reimburse the City for all costs incurred in performing the audit.
6. Failure by Contractor to comply with any provisions specified herein will subject Contractor to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; imposition of a penalty, payable to the City (\$50-\$250 for first offense, \$251-\$500 for second offense, and \$501-1500 for subsequent offenses); and/or submission of a performance security deposit fee when submitting a permit application to the City for a project within one year of imposition of the penalty.

For questions or to obtain more information about the Recycling Requirements for C&D debris, contact the City of Sacramento, Solid Waste Services Division, 2812 Meadowview Road, Building 1, Sacramento, CA 95832, or telephone (916) 808-4833, or email [C&D@cityofsacramento.org](mailto:C&D@cityofsacramento.org)

November 15, 2013

**Parkway & Valley HI Water Meter Retrofit**  
**PN: Z14010070**  
**ADDENDUM #1**

**RECEIVED**

NOV 15 '13

  
**FLOREZ PAVING**

**To All Potential Bidders:**

Attached hereto are addenda items, which shall be incorporated into the Plans and Specifications for the above noted project. These changes shall be considered as part of the original documents, as if they were originally provided therein, and as such shall be used as contractual documents. All other terms, conditions, and specifications of the bid remain unchanged. Bidders must acknowledge receipt of this addendum prior to the hour and date specified for bids to be received by one of the following methods:

- (a) By acknowledging receipt on the sealed proposal in the space provided.
- (b) By separate letter that includes a reference to the Project Name and the Addendum Number.

Failure to acknowledge receipt of this addendum in one of the above methods and cause acknowledgment to be received prior to the hour and date specified for receipt of proposals **may result in rejection of your proposal**. If by virtue of this addendum you decide to change a proposal already submitted, such change may be made by letter, provided such letter makes reference to the Project Name and this Addendum, and is received prior to the hour and date specified for receipt of proposals.

For any questions related to this addendum, contact the Project Manager, Michelle Carrey at (916) 808-1438.

Sincerely,

  
\_\_\_\_\_  
Dan Sherry, Supervising Engineer

Addendum  
Enclosure

cc: Distribution List  
Planholders

City of Sacramento Department of Utilities  
916-808-1400  
1395 35<sup>th</sup> Avenue  
Sacramento, CA 95822

ADDENDUM NO. 1

DATE: November 15, 2013

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Parkway & Valley Hi Water Meter Retrofit (PN: Z14010070)

**Item #1** – Sealed Proposal

The paragraph that is in bold font near the bottom of Page 2 of 4 of the Sealed Proposal which reads:

**Additionally, the undersigned shall include written documentation with the Sealed Proposal of previous satisfactory experience in installation of water main pipeline, in accordance with the following:**

Shall be amended to read as follows:

**Additionally, the undersigned shall include written documentation with the Sealed Proposal of previous satisfactory experience in installation of water meter retrofits, in accordance with the following:**

**Item #2** – Special Provisions

1) SECTION 1 – GENERAL CONSTRUCTION REQUIREMENTS

a) 1.09 Construction Activity Time Schedule:

Add the following sentence to the end of the third paragraph of section 1.09 Construction Activity Time Schedule:

If the Contractor's schedule is rejected by the Engineer, the Contractor will have one working day to make revisions and resubmit a revised schedule. Failure to comply may result in the suspension of all work.

2) SECTION 3 – WATER CONSTRUCTION REQUIREMENTS

a) 3.08 Plugged Fixtures:

Add the following paragraph to the end of 3.08 Plugged Fixtures:

When a customer contacts the City or Contractor regarding a plugged fixture or other issue resulting from Contractor's work, the Contractor shall respond to the call within an hour if the Contractor is contacted during normal work hours. If the Contractor is contacted outside normal work hours, the Contractor shall respond within two hours. Failure to meet these

requirements shall result in the City hiring a plumber to respond to the plugged fixture or other issue, and all costs incurred by the City shall be back charged to the Contractor and deducted from the subsequent progress payment.

b) 3.09 Residential Water Systems:

**Add** the following to the third paragraph of 3.09 Construction of Residential Water Systems:

Residential water services shall be placed using directional bore unless otherwise approved by the Engineer.

3) SECTION 4 – ITEMS OF THE PROPOSAL

a) Item No. 2 Meter Retrofit of 1-inch Water Services, Item No. 3 Meter Retrofit of 1 ½ -inch Water Services, Item No. 4 Meter Retrofit of 2-inch Water Services

Delete the following paragraph:

**It shall be the Contractor's responsibility to locate the existing water service laterals curb or corporation stops.** All USA markings identifying water features will be verified by the Contractor. All cost associated with this work including all re-work if the USA markings are found to be incorrect shall be included in this item. Included in the Appendix is a list of addresses of properties that need to be retrofit and any service location records that exist. The service location records are provided as a reference only and in no way does the City guarantee the accuracy of the records.

Replace it with the following:

**Contractor's Responsibility for Locating Water Service Laterals:**

Pursuant to the Underground Service Alert (USA) Law, California Government Code §§ 4216 and following, the Contractor is responsible for notification to the regional notification center prior to conducting excavation in any area that may contain "subsurface installations," as defined by the USA Law, and to delineate with white paint or other suitable markings the area to be excavated. Following such notification, the City will locate and field mark the "subsurface installations" owned, operated, or maintained by the City, in accordance with the USA Law, **except that the City will not locate and field mark any water service laterals from the City's water distribution main up to the City's "point of service," as defined in Sacramento City Code §13.04.030, which includes the corporation stop and curb stop for each lateral. As part of this Contract, the Contractor shall, on behalf of the City, locate and field mark all water service laterals from the City's water distribution main up to the**

**City's "point of service," which includes the corporation stop and curb stop for each lateral.** The Contractor shall ensure that such location and field marking is performed by a "qualified person," as specified in the USA Law, and that such location and marking is conducted in accordance with the requirements of Government Code § 4216.3, including the requirement for such qualified person to "use a minimum of a single-frequency utility locating device and ... have access to alternative sources for verification, if necessary." The Contractor shall verify all USA markings for water facilities, whether made by the City or by the Contractor, by exposing the facilities. The Contractor also shall be responsible for re-locating water service laterals from the City's water distribution main up to the City's "point of service" if the Contractor's prior location marking is found to be incorrect, and for any work required as a result of any incorrect or incomplete location or marking by the Contractor. All costs incurred by the Contractor to comply with the foregoing requirements shall be included in this item.

Included in the Appendix is a list of addresses of properties that need to be retrofit and any service location records that exist. The service location records are provided as a reference only and in no way does the City guarantee the accuracy of the records.

b) Item No. 6 1-Inch Water Service with Meter, to Furnish and Install (main to hose bib)

**Delete the fourth paragraph:**

It is the Contractors responsibility to locate the existing residential, commercial, and city services and curb or corporation stops. All USA markings identifying water features will be verified by the Contractor. All cost associated with this work shall be included in this item.

c) Item No. 9 4" Water Meter Retrofit

**Delete the following paragraph:**

It is the Contractor's responsibility to locate the existing water service laterals and curb or corporation stops. All USA markings identifying water features will be verified by the Contractor. All cost associated with this work including all re-work if the USA markings are found to be incorrect shall be included in this item.

**Replace it with the following:**

Contractor shall comply with all of the requirements specified for Items 2, 3 and 4 under the heading "Contractor's Responsibility for Locating Water Service Laterals". All costs incurred by the Contractor to comply with these requirements shall be included in this item

d) Item No. 14 1-Inch Water Service (main to meter)

i) **Delete** the last sentence from the second paragraph:

This item shall also include up to two connections on the owner's property.

ii) **Delete** the third paragraph:

It is the Contractors responsibility to locate the existing residential, commercial, and city services and curb or corporation stops. All USA markings identifying water features will be verified by the Contractor. All cost associated with this work shall be included in this item.

e) Item No. 16 Hybrid Water Service with Meter to Furnish and Install (main to front/side/rear hose bib)

**Delete** the following paragraph:

It is the Contractors responsibility to locate the existing residential, commercial, and city services and curb or corporation stops. All USA markings identifying water features will be verified by the Contractor. All cost associated with this work shall be included in this item.

**Replace** it with the following:

Contractor shall comply with all of the requirements specified for Items 2, 3 and 4 under the heading "Contractor's Responsibility for Locating Water Service Laterals". In addition, the Contractor shall be solely responsible for locating all existing water service laterals from the City's "point of service" to the applicable hose bib for the structure receiving water service. All costs incurred by the Contractor to comply with the foregoing requirements shall be included in this item.

City of  
**SACRAMENTO**

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**SMALL BUSINESS CERTIFICATION**

City of Sacramento, California - Office of Small Business

Emerging and Small Business Development Program

Effective This Date: **06/27/13**

***Florez Brothers Inc.***

Is certified as a Small Business Enterprise

City Certification Number: **177347** Expiration: **05/31/14**

The City of Sacramento defines a Small Business Enterprise (SBE) as a commercially functioning firm, that: is independently owned and operated; not dominant in its field of operation, has its principal office located in California; has its owners and officers domiciled in California; together with its affiliates, is either a service, construction, or non-manufacturer that has 100 or fewer employees; with average annual gross receipts not exceeding twelve million dollars (\$12,000,000) over the previous three (3) tax years; or, a manufacturer that has 100 or fewer employees. In addition to meeting eligibility requirements for a Small Business Enterprise (SBE) or an Emerging Business Enterprise (EBE), classification is based on the firm's total gross receipts over a three (3) year period, within defined industry-specific thresholds.

**Congratulations on your efforts to conduct business with the City and participate in the  
local economic development of our region!**

This Certificate is issued by:

Economic Development Department

915 Street, Sacramento, CA 95814

(916) 808-7223 [www.cityofsacramento.org/econddev](http://www.cityofsacramento.org/econddev)

LORRIE LOWRY

Certifying Officer

**RECORD OF PAST EXPERIENCE**

Year	Project	Contract Duration	# of Units	Work Performed	Contact
2007	Water Meter Retrofit Phase 1	90 days	>500	Install 1-inch, 1-1/2-inch, 2-inch, and 4-inch water meters. Install >500 services.  Type Installed: HDPE and copper; Badger and Elster Amco meter Meters/registers compatible with Datamatic's Firefly Endpoints	City of Sacramento, Utilities 1395 35th Avenue Sacramento, CA 95822 Phone (916) 808-1400 Engineer: Chris Powell Inspector: Mike Colasanti
2007-08	Water Meter Retrofit Phase 2	100 days	>440	Install 1-inch, 1-1/2-inch, 2-inch, and 4-inch water meters.  Type Installed: HDPE and copper; Badger and Elster Amco meter Meters/registers compatible with Datamatic's Firefly Endpoints	City of Sacramento, Utilities 1395 35th Avenue Sacramento, CA 95822 Phone (916) 808-1400 Engineer: Chris Powell Inspector: Mike Colasanti
2009	City Farms Water Service Retrofit	120 days	>700	Install meter setters, idlers, and meter boxes. Retrofit >700 services.  Type Installed: HDPE and copper Meters/registers compatible with Datamatic's Firefly Endpoints	City of Sacramento, Utilities 1395 35th Avenue Sacramento, CA 95822 Phone (916) 808-1400 Engineer: Chris Powell
2009	Water Service Meter Retrofit Phase 2	160 days	1,694	Install meter setters, boxes, lids, valves, and water meters.  Type Installed: HDPE and copper; Badger and Elster Amco meter Meters/registers compatible with Datamatic's Firefly Endpoints	City of Sacramento, Utilities 1395 35th Avenue Sacramento, CA 95822 Phone (916) 808-1400 Engineer: Neal Joyce
2009-10	Water Service Meter Retrofit Phase 3	110 days	1,096	Install meter setters, boxes, lids, valves, and water meters.  Type Installed: HDPE and copper; Badger and Elster Amco meter Meters/registers compatible with Datamatic's Firefly Endpoints	City of Sacramento, Utilities 1395 35th Avenue Sacramento, CA 95822 Phone (916) 808-1400 Engineer: Inthira Mendoza
2009-10	Water Service Meter Retrofit Phase 7	150 days	2,001	Install meter setters, boxes, lids, valves, and water meters.	City of Sacramento, Utilities 1395 35th Avenue Sacramento, CA 95822

**Florez Paving**  
General Engineering Contractor

4000 24th Street, Sacramento, CA 95822  
Phone 916.452.3903 Fax 916.455.0217

Year	Project	Contract Duration	# of Units	Work Performed	Contact
2009-10	Water Service Meter Retrofit Phase 11	140 days	1,574	Install meter setters, boxes, lids, valves, and water meters.  Type Installed: HDPE and copper; Badger and Elster Amco meter Meters/registers compatible with Datamatic's Firefly Endpoints	City of Sacramento, Utilities 1395 35th Avenue Sacramento, CA 95822 Phone (916) 808-1400 Engineer: Paul Barnes
2009-10	Water Service Meter Retrofit Phase 10	170 days	2,553	Install meter setters, boxes, lids, valves, and water meters.  Type Installed: HDPE and copper; Badger and Elster Amco meter Meters/registers compatible with Datamatic's Firefly Endpoints	City of Sacramento, Utilities 1395 35th Avenue Sacramento, CA 95822 Phone (916) 808-1400 Engineer: Inthira Mendoza
2010-11	Water Service Meter Retrofit Phase 4	90 days	996	Install meter setters, boxes, lids, valves, and water meters.  Type Installed: HDPE and copper; Badger and Elster Amco meter Meters/registers compatible with Datamatic's Firefly Endpoints	City of Sacramento, Utilities 1395 35th Avenue Sacramento, CA 95822 Phone (916) 808-1400 Engineer: Melissa Marshall
2011-12	Water Meter Retrofit Phase 15	120 days	2,200	Furnishing and installing meter setters, meter boxes, lids, meter valves, and water meters at various commercial and residential locations. Installed 2,200 meters Badger meters. Meters/registers compatible with Datamatic's Firefly Endpoints	City of Sacramento, Utilities 1395 35th Avenue Sacramento, CA 95822 Phone (916) 808-1400 Engineer: Inthira Mendoza
2013	Parkway Meter & Water Main Replacement	175 days	883	Furnishing and placing 8-inch diameter water mains, and installing meter setters, meter boxes, lids, meter valves and water meters at various commercial and residential properties. Installed 880 meters Badger meters. Install +5,000 lf of 8-inch water main.	City of Sacramento, Utilities 1395 35th Avenue Sacramento, CA 95822 Phone (916) 808-1400 Engineer: Melissa Marshall

**FOLLOWING FORMS TO BE FILLED OUT AND SIGNED**

**ONLY**

**IF AWARDED CONTRACT**

**WORKER'S COMPENSATION INSURANCE CERTIFICATION**

TO THE CITY OF SACRAMENTO:

The undersigned does hereby certify that he is aware of the provisions of Section 3700 et seq. of the Labor Code which require every employer to be insured against liability for worker's compensation claims or to undertake self-insurance in accordance with the provisions of said Code, and that he/she will comply with such provisions before commencing the performance of the work on this contract.

Florez Brothers Inc. dba Florez Paving.  
Bidder  
BY:   
Title: President  
Address: 4000 24th Street  
Sacramento, CA 95822  
Date: December 16, 2013

**PLEASE READ CAREFULLY BEFORE SIGNING**

To be signed by authorized corporate officer or partner or individual submitting the bid. If bidder is: (example)

1. An individual using a firm name, sign: "John Doe, and individual doing business as Blank Company".
2. An individual doing business under his own name, sign: Your name only.
3. A co-partnership, sign: "John Doe and Richard Doe, co-partners doing business as Blank Company, by, John Doe, Co-Partner".
4. A corporation, sign: "Blank Company, by John Doe, Secretary". (Or other title)

**AGREEMENT**  
(Construction Contract Over \$25,000)

THIS AGREEMENT, dated for identification January 28, 2014 is made and entered into between the CITY OF SACRAMENTO, a municipal corporation ("City"), and **Florez Brothers Inc. dba Florez Paving 4000 24th Street, Sacramento, CA 95822**("Contractor").

The City and Contractor hereby mutually agree as follows:

1. **CONTRACT DOCUMENTS**

The Contract Documents, sometimes also referred to as the "Contract," consist of the following items, which are hereby incorporated by reference as if set forth in full in this Agreement:

- The Notice to Contractors
- The Proposal Form submitted by the Contractor
- The Instructions to Bidders
- The Emerging and Small Business Enterprise (ESBE) Requirements
- The Requirements for the Non-Discrimination in Employee Benefits by City Contractors Ordinance and the Declaration of Compliance
- The City's Reference Guide for Construction Contracts
- The Addenda, if any
- This Agreement
- The Standard Specifications
- The Special Provisions
- The Plans and Technical Specifications
- The drawings and other data and all developments thereof prepared by City pursuant to the Contract
- Any modifications of any of the foregoing made or approved by City, including but not limited to duly authorized change orders.

Unless specifically noted otherwise, references to the "Standard Specifications" shall mean and refer to the Standard Specifications for Public Construction of the City of Sacramento approved by the Sacramento City Council on June 4, 2007 (Resolution No. 2007-350), and any subsequent amendments thereto approved by the Sacramento City Council or the Sacramento City Manager. Work called for in any one Contract Document and not mentioned in another is to be performed and executed as if mentioned in all Contract Documents. The table of contents, titles and headings contained in the Contract Documents are provided solely to facilitate reference to various provisions of the Contract Documents and in no way affect or limit the interpretation of the provisions to which they refer.

2. **DEFINITIONS**

Unless otherwise specifically provided herein, all words and phrases defined in the Standard Specifications shall have the same meaning and intent in this Agreement.

3. **AGREEMENT CONTROLS**

In the event of a conflict between any of the terms and conditions set forth in this Agreement and the terms and conditions set forth in other Contract Documents, the terms and conditions set forth in this Agreement shall prevail, except that the provisions of any duly authorized change order shall prevail over any conflicting provisions of this Agreement.

3. AGREEMENT CONTROLS

In the event of a conflict between any of the terms and conditions set forth in this Agreement and the terms and conditions set forth in other Contract Documents, the terms and conditions set forth in this Agreement shall prevail, except that the provisions of any duly authorized change order and the provisions of the Funding Requirements and Assistance Agreement shall prevail over any conflicting provisions of this Agreement.

4. SCOPE OF CONTRACT

Contractor agrees to furnish all tools, equipment, apparatus, facilities, labor, material and transportation necessary to perform and complete in a good and workmanlike manner to the satisfaction of City, all the Work called for in the Contract Documents entitled:

PARKWAY & VALLEY HI WATER METER RETROFIT (PN: Z14010070)

including the Work called for in the following alternative bid items described in the Proposal Form: \_\_\_\_\_ Contractor agrees to perform such Work in the manner designated in and in strict conformity with the Contract Documents.

5. CONTRACT AMOUNT AND PAYMENTS

City agrees to pay and Contractor agrees to accept, as complete payment for the above Work, in accordance with the schedule and procedures set forth in the Contract Documents and subject to deductions, withholdings and additions as specified in the Contract Documents, a total sum that shall not exceed the total bid amount set forth in Contractor's Proposal Form. In addition, subject to deductions, withholdings and additions as specified in the Contract Documents, payment for individual items of the Work shall be computed as follows:

(A) For items of the Work for which a lump sum price is specified in Contractor's Proposal Form, Contractor shall be paid the lump sum price(s) specified in Contractor's Proposal Form; and

(B) For items of the Work for which a unit price is specified in Contractor's Proposal Form, Contractor shall be paid the sum computed at such unit price, or computed at a different price if such different price is determined by City in accordance with the Standard Specifications, based on the actual amount of each such item performed and/or furnished and incorporated in the Work; provided that in no event shall the total sum for a unit price item exceed the total bid amount set forth for such item in the Contractor's Proposal Form, unless authorized by Change Order.

6. PROGRESS PAYMENTS

Subject to the terms and conditions of the Contract, City shall cause payments to be made upon demand of Contractor as follows:

(A) On or about the first of the month, the Engineer shall present to the Contractor a statement showing the amount of labor and materials incorporated in the Work through the twentieth (20) calendar day of the preceding month. After both Contractor and Engineer approve the statement in writing, and the City's labor compliance officer provides written approval, the City shall issue a certificate for ninety five (95) percent of the amount it shall find to be due, subject to any deductions or withholdings authorized or required under the Contract or any applicable Laws or Regulations.

(B) No inaccuracy or error in said monthly estimates shall operate to release Contractor from damages arising from such Work or from enforcement of each and every provision of the

Contract Documents, and City shall have the right subsequently to correct any error made in any estimate for payment.

(C) Contractor shall not be paid for any defective or improper Work.

(D) The remaining five (5) percent of the value of the Work performed under the Contract, if unencumbered and subject to any deductions or withholdings authorized or required under the Contract or any applicable Laws or Regulations, shall be due and payable beginning thirty-five (35) days after completion and final acceptance of the Work by City; provided that the City may determine, in its sole discretion, to release up to fifty (50) % of such retention, in whole or in part, at any time. Acceptance by Contractor of the final payment shall constitute a waiver of all claims against the City arising under the Contract Documents, except for disputed claims in stated amounts that the Contractor specifically reserves in writing, but only to the extent that the Contractor has complied with all procedures and requirements applicable to the presentation and processing of such claim(s) under the Contract Documents. Contractor shall be entitled to substitute securities for retention or to direct that payments of retention be made into escrow, as provided in Public Contract Code Section 22300, upon execution of the City's Escrow Agreement for Security Deposits in Lieu of Retention.

(E) The parties agree that, for purposes of the timely progress payment requirements specified in Public Contract Code Section 20104.50, the date that the City receives a statement jointly approved by the Contractor and the Engineer as provided above shall be deemed to constitute the date that City receives an undisputed and properly submitted payment request from the Contractor. Progress payments not made within 30 days after this date may be subject to payment of interest as provided in Section 20104.50.

#### 7. RETENTION OF SUMS CHARGED AGAINST CONTRACTOR

When, under the provisions of this Contract or any applicable Laws or Regulations, City is authorized or required to withhold, deduct or charge any sum of money against Contractor, City may deduct and retain the amount of such charge from the amount of the next succeeding progress estimate(s), or from any other moneys due or that may become due Contractor from City. If, on completion or termination of the Contract, sums due Contractor are insufficient to pay City's charges, City shall have the right to recover the balance from Contractor or its Sureties.

#### 8. COMMENCEMENT AND PROSECUTION OF WORK

Contractor shall commence the Work not later than fifteen (15) working days after the date of the written Notice to Proceed from City to Contractor and shall diligently prosecute the Work to final completion. The phrase "commence the Work" means to engage in a continuous program on-site including, but not limited to, site clearance, grading, dredging, land filling and the fabrications, erection, or installation of the Work. The Notice to Proceed shall be issued within fifteen (15) calendar days following execution of the Agreement by the City and the filing by Contractor of the required Bonds and proof of insurance, provided that the Engineer may delay issuance of the Notice to Proceed if the Engineer determines in the Engineer's sole discretion that conditions on the site of the Work are unsuitable for commencement of the Work. After the Notice to Proceed is issued, the continuous prosecution of Work by Contractor shall be subject only to Excusable Delays as defined in this Agreement.

#### 9. TIME OF COMPLETION

The entire Work shall be brought to completion in the manner provided for in the Contract Documents on or before **two hundred fifteen (215) working days** from the date of the Notice

to Proceed (hereinafter called the "Completion Date") unless extensions of time are granted in accordance with the Contract Documents.

Failure to complete the entire Work by the Completion Date and in the manner provided for in the Contract Documents shall subject Contractor to liquidated damages as provided in this Agreement. Time is and shall be of the essence in the performance of the Contract and the Work.

10. PAYMENTS DO NOT IMPLY ACCEPTANCE OF WORK

The payment of any progress payment, or the acceptance thereof by Contractor, shall not constitute acceptance of the Work or any portion thereof and shall in no way reduce the liability of Contractor to replace unsatisfactory work or material, whether or not the unsatisfactory character of such work or material was apparent or detected at the time such payment was made.

11. ACCEPTANCE NOT RELEASE

Contractor shall correct immediately any defective or imperfect work or materials that may be discovered before final acceptance of the entire Work, whether or not such defect or imperfection was previously noticed or identified by the City. The inspection of the Work, or any part thereof, shall not relieve Contractor of any of its obligations to perform satisfactory work as herein specified.

Failure or neglect on the part of City or any of its officers, employees or authorized agents to discover, identify, condemn or reject defective or imperfect work or materials shall not be construed to imply an acceptance of such work or materials, if such defect or imperfection becomes evident at any time prior to final acceptance of the entire Work, nor shall such failure or neglect be construed as barring City from enforcing Contractor's warranty(ies) or otherwise recovering damages or such a sum of money as may be required to repair or rebuild the defective or imperfect work or materials whenever City may discover the same, subject only to any statutes of limitation that may apply to any such claim.

12. CITY'S RIGHT TO TAKE POSSESSION OF THE WORK IN WHOLE OR IN PART

The City shall have the right at any time to enter upon the Work and perform work not covered by this Contract, or to occupy and use a portion of the Work, prior to the date of the final acceptance of the Work as a whole, without in any way relieving Contractor of any obligations under this Contract.

13. NO WAIVER OF REMEDIES

Neither the inspection by City, its officers, employees or agents, nor any certificate or other approval for the payment of money, nor any payment for, nor acceptance of the whole or any part of the Work by City, nor any extensions of time, nor any position taken by City, its officers, employees or its agents shall operate as a waiver of any provision of the Contract Documents nor of any power herein reserved to City or any right to damages herein provided, nor shall any waiver of any breach of this Agreement be held to be a waiver of any other or subsequent breach. All remedies provided in the Contract Documents shall be taken and construed as cumulative; in addition to each and every other remedy herein provided, the City shall have any and all equitable and legal remedies that it would in any case have.

14. WARRANTY

Except as otherwise expressly provided in the Contract Documents, and excepting only items of routine maintenance, ordinary wear and tear and unusual abuse or neglect by City, Contractor warrants and guarantees all Work executed and all supplies, materials and devices of whatsoever nature incorporated in or attached to the Work, or otherwise provided as a part of the Work pursuant to the Contract, to be absolutely free of all defects of workmanship and materials for a period of one year after final acceptance of the entire Work by the City. Contractor shall repair or replace all work or material, together with any other work or material that may be displaced or damaged in so doing, that may prove defective in workmanship or material within this one year warranty period without expense or charge of any nature whatsoever to City.

In the event that Contractor shall fail to comply with the conditions of the foregoing warranty within ten (10) days after being notified of the defect in writing, City shall have the right, but shall not be obligated, to repair, or obtain the repair of, the defect and Contractor shall pay to City on demand all costs and expense of such repair. Notwithstanding anything herein to the contrary, in the event that any defect in workmanship or material covered by the foregoing warranty results in a condition that constitutes an immediate hazard to public health or safety, or any property interest, or any person, City shall have the right to immediately repair, or cause to be repaired, such defect, and Contractor shall pay to City on demand all costs and expense of such repair. The foregoing statement relating to hazards to health, safety or property shall be deemed to include both temporary and permanent repairs that may be required as determined in the sole discretion and judgment of City.

In addition to the above, the Contractor shall make a written assignment of all manufacturer's and other product warranties to the City, prior to completion and final acceptance of the Work by City.

The Contractor's Performance Bond shall secure the performance of the Contractor's obligations under this Section 14, and the Contractor and its Surety shall be jointly and severally liable for these obligations.

15. LIQUIDATED DAMAGES IF WORK NOT COMPLETED ON TIME

(A) The actual fact of the occurrence of damages and the actual amount of the damages that City would suffer if the entire Work, and/or any specified portion thereof, were not completed within the time(s) specified herein are dependent upon many circumstances and conditions that could prevail in various combinations, and for this reason, it is impracticable and extremely difficult to fix the actual damages. Damages that City would suffer in the event of such delay include: loss of the use of the project; expenses of prolonged assignment to the project of an architectural and/or engineering staff; prolonged costs of administration, inspection, and supervision; increased operational expenses and/or impaired operation of other facilities dependent upon completion of the project; and the loss and inconvenience suffered by the public within the City of Sacramento, including any losses, damages or adverse impacts to the public health, safety and welfare if any incomplete portion of the combined sewer main to be installed hereunder is not properly winterized, by reason of the delay in the completion of the project or portion thereof. Accordingly, the parties agree, and by execution of this Agreement, Contractor acknowledges that it understands and agrees, that the amount(s) set forth herein as liquidated damages reflect the parties' best efforts at the time of entering into the Contract to estimate the damages that may be incurred by City and the public due to the Contractor's delay in completion of the Work and/or any specified portion thereof, and shall be presumed to be

the amount of damages sustained by the failure of Contractor to complete the entire Work and/or any specified portion thereof within the time(s) specified herein.

(B) Contractor shall pay liquidated damages to City for failure to complete the entire Work by the Completion Date (as extended in accordance with the Contract Documents, if applicable) in the amount of **five hundred dollars (\$500.00) for each calendar day** after the Completion Date (as extended in accordance with the Contract Documents, if applicable), continuing to the time at which the entire Work is completed. Such amount is the actual cash value agreed upon by the City and Contractor as the loss to City and the public resulting from Contractor's default.

The parties agree, and by execution of this Agreement, Contractor acknowledges that it understands and agrees, that the foregoing provisions provide for the imposition of liquidated damages from the Completion Date (as extended in accordance with the Contract Documents, if applicable) until the date of completion of the entire Work as determined by the Engineer in accordance with Section 8-4 of the Standard Specifications, whether or not the Work or any portion thereof is claimed or determined to be substantially complete prior to such date of completion.

(C) In the event Contractor shall become liable for liquidated damages, City, in addition to all other remedies provided by law, shall have the right to withhold any and all payments that otherwise would be or become due Contractor until the liability of Contractor under this section is finally determined. City shall have the right to use and apply such payments, in whole or in part, to reimburse City for all liquidated damages due or to become due to City. Any remaining balance of such payments shall be paid to Contractor only after discharge in full of all liability incurred by Contractor under this section or otherwise under any provision of the Contract Documents or any applicable Law or Regulation. If the sum so retained by City is not sufficient to discharge all such liabilities of Contractor, Contractor shall continue to remain liable to City until all such liabilities are satisfied in full. No failure by City to withhold any payment as specified above shall in any manner be construed to constitute a release of any such liabilities nor a waiver of the City's right to withhold payment for such liabilities.

## 16. INDEMNITY AND HOLD HARMLESS

(A) Contractor shall defend, hold harmless and indemnify the City, its officers, employees, and agents, and each and every one of them, from and against any and all actions, damages, costs, liabilities, claims, demands, losses, judgments, penalties, costs and expenses of every type and description, whether arising on or off the site of the Work, including, but not limited to, any fees and/or costs reasonably incurred by City's staff attorneys or outside attorneys and any fees and expenses incurred in enforcing this provision (hereafter collectively referred to as "Liabilities"), including but not limited to Liabilities arising from personal injury or death, damage to personal, real or intellectual property or the environment, contractual or other economic damages, or regulatory penalties, arising out of or in any way connected with performance of or failure to perform the Work by the Contractor, any subcontractor or agent, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, whether or not (i) such Liabilities are caused in part by a party indemnified hereunder, or (ii) such Liabilities are litigated, settled or reduced to judgment; provided that the foregoing indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss, damage or expense to the extent arising from (i) the sole negligence or willful misconduct of, or defects in design furnished by, City, its agents, servants, or independent contractors who are directly responsible to City, or (ii) the active negligence of City.

(B) The existence or acceptance by City of any of the insurance policies or coverages

described in this Agreement shall not affect or limit any of City's rights under this Section 16, nor shall the limits of such insurance limit the liability of Contractor hereunder. The provisions of this Section 16 shall survive any expiration or termination of the Contract.

17. **CONTRACTOR SHALL ASSUME RISKS**

Until the completion and final acceptance by City of all Work under this Contract, the Work shall be under Contractor's responsible care and charge, and Contractor, at no cost to City, shall rebuild, repair, restore and make good all injuries, damages, re-erections, and repairs occasioned or rendered necessary by accidental causes of any nature, to all or any portions of the Work.

18. **GENERAL LIABILITY OF CONTRACTOR**

Except as otherwise herein expressly stipulated, Contractor shall perform all the Work and furnish all the labor, materials, tools, equipment, apparatus, facilities, transportation, power and light, and appliances, necessary or proper for performing and completing the Work herein required in the manner and within the time herein specified. The mention of any specific duty or liability of Contractor shall not be construed as a limitation or restriction of any general liability or duty of Contractor, and any reference to any specific duty or liability shall be construed to be solely for the purpose of explanation.

19. **INSURANCE**

During the entire term of this Contract and until completion and final acceptance of the Work as provided in the Contract Documents, Contractor shall maintain in full force and effect the insurance coverage described in this section.

Full compensation for all premiums that Contractor is required to pay for the insurance coverage described herein shall be included in the compensation specified for performance of the Work under the Contract. No additional compensation will be provided for Contractor's insurance premiums.

It is understood and agreed by the Contractor that its liability to the City shall not in any way be limited to or affected by the amount of insurance coverage required of or carried by the Contractor.

(A) Minimum Scope and Limits of Insurance Coverage

- (1) Commercial General Liability Insurance, providing coverage at least as broad as ISO CGL Form 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars (\$1,000,000) per occurrence. The policy shall provide contractual liability and products and completed operations coverage for the term of the policy.
- (2) Automobile Liability Insurance providing coverage at least as broad as ISO Form CA 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars (\$1,000,000) per occurrence. The policy shall provide coverage for owned, non-owned and/or hired autos as appropriate to the operations of the Contractor.

- (3) Workers' Compensation Insurance with statutory limits, and Employers' Liability Insurance with limits of not less than one million dollars (\$1,000,000). The Worker's Compensation policy shall include a waiver of subrogation.

(B) Additional Insured Coverage

- (1) Commercial General Liability Insurance: The City, its officials, employees and volunteers and the United States Environmental Protection Agency (EPA), its officers, agents, employees and servants shall be covered by policy terms or endorsement as additional insureds as respects general liability arising out of activities performed by or on behalf of Contractor, products and completed operations of Contractor, and premises owned, leased or used by Contractor. The general liability additional insured endorsement must be signed by an authorized representative of the insurance carrier.

If the policy includes a blanket additional insured endorsement or contractual additional insured coverage, the above signature requirement may be fulfilled by submitting that document with a signed declaration page referencing the blanket endorsement or policy form.

- (2) Automobile Liability Insurance: The City, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insureds as respects auto liability.

(C) Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

- (1) Contractor's insurance coverage shall be primary insurance as respects City, its officials, employees and volunteers. Any insurance or self-insurance maintained by City, its officials, employees or volunteers shall be in excess of Contractor's insurance and shall not contribute with it.
- (2) Any failure to comply with reporting provisions of the policies shall not affect coverage provided to City, its officials, employees or volunteers.
- (3) Coverage shall state that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- (4) City will be provided with thirty (30) days written notice of cancellation or material change in the policy language or terms.

(D) Acceptability of Insurance

Insurance shall be placed with insurers with a Bests' rating of not less than A:V. Self-insured retentions, policy terms or other variations that do not comply with the requirements of this Section 19 must be declared to and approved by the City Risk Management Division in writing prior to execution of this Agreement.

(E) Verification of Coverage

- (1) Contractor shall furnish the City and EPA with certificates and required endorsements evidencing the insurance required. The certificates and endorsements shall be forwarded to the City and EPA representatives designated by City. Copies of policies shall be delivered to the City on demand. Certificates of insurance shall be signed by an authorized representative of the insurance carrier.
- (2) The City may withdraw its offer of contract or cancel the Contract if the certificates of insurance and endorsements required have not been provided prior to execution of this Agreement. The City may withhold payments to Contractor and/or cancel the Contract if the insurance is canceled or Contractor otherwise ceases to be insured as required herein.

(F) Subcontractors

Contractor shall require and verify that all subcontractors maintain insurance coverage that meets the minimum scope and limits of insurance coverage specified in subsection A, above.

20. FAILURE TO MAINTAIN BONDS OR INSURANCE

If, at any time during the performance of this Contract, Contractor fails to maintain any item of the bonds and/or insurance required under the Contract in full force and effect, Contractor shall immediately suspend all work under the Contract and notify City in writing of such failure. After such notice is provided, or if City discovers such failure and notifies Contractor, the City thereafter may withhold all Contract payments due or that become due until notice is received by City that such bonds and/or insurance have been restored in full force and effect and that the premiums therefor have been paid for a period satisfactory to the Division of Risk Management. Contractor shall not resume work until notified by City to do so, and the City shall have no responsibility or liability for any costs incurred by Contractor as a result of such suspension of Work.

In addition to the foregoing, any failure to maintain any item of the required bonds and/or insurance at any time during the performance of this Contract will be sufficient cause for termination of the Contract by City.

The Contractor shall be solely responsible for, and shall defend, indemnify and hold harmless the City, its officers, employees and agents against and from, any and all damages, claims, losses, actions, costs or other expenses of any kind incurred by any party as a direct or indirect result of any suspension of Work or termination of the Contract under the provisions of this Section.

21. EXCUSABLE DELAYS

For the purpose of these Contract Documents, the term "Excusable Delay" shall mean, and is limited to, delay caused directly by: acts of God; acts of a public enemy; fires; inclement weather as determined by the Engineer; riots; insurrections; epidemics; quarantine restrictions; strikes; lockouts; sitdowns; acts of a governmental agency; priorities or privileges established for the manufacture, assemble, or allotment of materials necessary in the Work by order, decree or otherwise of the United States or by any department, bureau, commission, committee, agent, or administrator of any legally constituted public authority; changes in the Work ordered by City insofar as they necessarily require additional time in which to complete the Work; the prevention of Contractor from commencing or prosecuting the Work because of the acts of others, excepting Contractor's subcontractors or suppliers; or the prevention of

Contractor from commencing or prosecuting the Work because of a Citywide failure of public utility service.

The term "Excusable Delay" shall specifically not include: (i) any delay that could have been avoided by the exercise of care, prudence, foresight and diligence on the part of Contractor; (ii) any delay in the prosecution of any part of the Work that does not constitute a Controlling Operation, whether or not such delay is unavoidable; (iii) any reasonable delay resulting from time required by City for review of any Contractor submittals and for the making of surveys, measurements and inspection; and, (iv) any delay arising from an interruption in the prosecution of the Work on account of reasonable interference by other Contractors employed by City that does not necessarily prevent the completion of the entire Work within the time specified. Excusable Delays, if any, shall operate only to extend the Completion Date (not in excess of the period of such delay as determined by City) and shall not under any circumstances increase the amount City is required to pay Contractor except as otherwise provided in these Contract Documents.

## 22. CONTRACTOR TO SERVE NOTICE OF DELAYS

Whenever Contractor foresees any delay in the prosecution of the Work, and in any event as soon as possible (not to exceed a period of ten (10) calendar days) after the initial occurrence of any delay that Contractor regards as or may later claim to be an Excusable Delay, the Contractor shall notify the Engineer in writing of such delay and its cause, in order that the Engineer: (i) may take immediate steps to prevent if possible the occurrence or continuance of the delay; or (ii) if this cannot be done, may determine whether the delay is to be considered excusable, how long it continues, and to what extent the prosecution and completion of the Work are delayed thereby. Said written notice shall constitute an application for an extension of time only if the notice requests such an extension and sets forth the Contractor's estimate of the additional time required together with a full description of the cause of the delay relied upon.

After the completion of any part or whole of the Work, the Engineer, in estimating the amount due Contractor, will assume that any and all delays that may have occurred in its prosecution and completion were not Excusable Delays, except for such delays for which the Contractor has provided timely written notice as required herein, and that the Engineer has found to be excusable. Contractor shall not be entitled to claim Excusable Delay for any delay for which the Contractor failed to provide such timely written notice.

## 23. EXTENSION OF TIME

If the Contractor complies with Section 22, above, and the Engineer finds a delay claimed by the Contractor to be an Excusable Delay, the Contractor shall be allowed an extension of time to complete the Work that is proportional to the period of Excusable Delay determined by the Engineer, subject to the approval by City of a change order granting such time extension. During a duly authorized extension for an Excusable Delay, City shall not charge liquidated damages against the Contractor for such delay.

If the City extends the time to complete the Work as provided herein, such extension shall in no way release any warranty or guarantee given by Contractor pursuant to the provisions of the Contract Documents, nor shall such extension of time relieve or release the sureties of the Bonds provided pursuant to the Contract Documents. By executing such Bonds, the Sureties shall be deemed to have expressly agreed to any such extension of time. The granting of any extension of time as provided herein shall in no way operate as a waiver on the part of City of its rights under this Contract, excepting only extension of the Completion Date for such period of Excusable Delay as may be determined by the Engineer and approved by a duly authorized change order.

24. NO PAYMENT FOR DELAYS

No damages or compensation of any kind shall be paid to Contractor or any subcontractor because of delays in the progress of the Work whether or not such delays qualify for extension of time under this Agreement; except that this provision shall not preclude the recovery of damages for a delay caused by the City that is unreasonable under the circumstances and that is not within the contemplation of the parties, provided that the Contractor timely submits all such written notice(s) and fully complies with such other procedures as may be specified in the Contract Documents or any Laws or Regulations for Contractor to claim damages for such delay.

25. CHANGES IN THE WORK

Changes in the Work authorized or directed in accordance with the Contract Documents and extensions of time of completion made necessary by reason thereof shall not in any way release any warranty or guarantee given by Contractor pursuant to the provisions of the Contract Documents, nor shall such changes in the Work relieve or release the Sureties on Bonds provided pursuant to the Contract Documents. By executing such Bonds, the Sureties shall be deemed to have expressly agreed to any such change in Work and to any extension of time made by reason thereof.

26. TERMINATION AFTER COMPLETION DATE

In addition to any other rights City may have, if any services or work required under the Contract (including but not limited to punch list items) are not completed as of the Completion Date (as adjusted by any extensions of time for Excusable Delays granted pursuant to the Contract Documents), City may terminate the Contract at any time after the Completion Date (as adjusted by any extensions of time for Excusable Delays granted pursuant to the Contract Documents), by providing a written notice to Contractor specifying the date of termination. Such notice also may specify conditions or requirements that Contractor must meet to avoid termination of the Contract on such date. If Contractor fails to fulfill all such conditions and requirements by such termination date, or, if no such conditions or requirements are specified, Contractor shall cease rendering services and performing work on such termination date, and shall not be entitled to receive any compensation for services rendered or work performed after such termination date. In the event of such termination, Contractor shall remain liable to City for liquidated damages incurred for any period of time prior to the termination date.

In addition to any other charges, withholdings or deductions authorized under the Contract or any Laws or Regulations, if City terminates the Contract pursuant to this section, City may withhold and deduct from any payment and/or retention funds otherwise due Contractor any sum necessary to pay the City's cost of completing or correcting, or contracting for the completion or correction of, any services or work under the Contract that are not completed to the satisfaction of the City or that otherwise are deficient or require correction as of such termination date, including but not limited to incomplete punch list items. Such costs shall include all of the City's direct and indirect costs incurred to complete or correct such services or work, including the City's administrative and overhead costs. If the amount of payment(s) and/or retention funds otherwise due the Contractor are insufficient to pay such costs, City shall have the right to recover the balance of such costs from the Contractor and/or its Surety(ies).

27. TERMINATION FOR CONVENIENCE

Upon written notice to the Contractor, the City may at any time, without cause and without prejudice to any other right or remedy of the City, elect to terminate the Contract for the

convenience of City. In such case, the Contractor shall be paid (without duplication of any items, and after deduction and/or withholding of any amounts authorized to be deducted or withheld by the Contract Documents or any Laws or Regulations):

(A) For Work executed in accordance with the Contract Documents prior to the effective date of termination and determined to be acceptable by the Engineer, including fair and reasonable sums for overhead and profit on such Work;

(B) For reasonable claims, costs, losses, and damages incurred in settlement of terminated contracts with subcontractors, suppliers, and others; and

(C) For reasonable expenses directly attributable to termination.

Contractor shall not be paid for any loss of anticipated profits or revenue for any Work not performed prior to termination, nor for any economic loss arising out of or resulting from such termination, except for the payments listed in this section. Contractor's warranty under Section 14 of this Agreement shall apply, and Contractor shall remain responsible for all obligations related to such warranty, with respect to all portions of the Work performed prior to the effective date of the termination for convenience pursuant to this section. The City shall be entitled to have any or all remaining Work performed by other contractors or by any other means at any time after the effective date of a termination for convenience pursuant to this section.

## 28. TERMINATION FOR BREACH OF CONTRACT

If Contractor abandons the Work under this Contract, or if the Contract or any portion of the Contract is sublet or assigned without the consent of the City, or if the Engineer determines in the Engineer's sole discretion that the conditions of the Contract in respect to the rate of progress of the Work are not being fulfilled or any part thereof is unnecessarily delayed, or if Contractor violates or breaches, or fails to execute in good faith, any of the terms or conditions of the Contract, or if Contractor refuses or fails to supply enough properly skilled labor or materials or refuses or fails to make prompt payment to subcontractors for material or labor, or if Contractor disregards any Laws or Regulations or proper instruction or orders of the Engineer, then, notwithstanding any provision to the contrary herein, the City may give Contractor and its Sureties written notification to immediately correct the situation or the Contract shall be terminated.

In the event that such notice is given, and, in the event such situation is not corrected, or arrangements for correction satisfactory to the City are not made, within ten (10) calendar days from the date of such notice or within such other period of time as may be specified by the City in the notice, the Contract shall upon the expiration of said period cease and terminate. In the event of any such termination, City may take over the Work and prosecute the Work to completion, or otherwise, and the Contractor and its Sureties shall be liable to City for any cost occasioned City thereby, as hereinafter set forth.

In the event City completes the Work, or causes the Work to be completed, no payment of any kind shall be made to Contractor until the Work is complete. The cost of completing the Work, including but not limited to, extra costs of project administration and management incurred by City, both direct or indirect, shall be deducted from any sum then due, or that becomes due, to Contractor from City. If sums due to Contractor from City are less than the cost of completing the Work, Contractor and its Sureties shall pay City a sum equal to this difference on demand. In the event City completes the Work, and there is a sum remaining due to Contractor after City deducts the costs of completing the Work, then City shall pay such sum to Contractor. The Contractor and Contractor's Sureties shall be jointly and severally liable for all obligations imposed on Contractor hereunder.

No act by City before the Work is finally accepted, including, but not limited to, exercise of other rights under the Contract, actions at law or in equity, extensions of time, payments, assessments of liquidated damages, occupation or acceptance of any part of the Work, waiver of any prior breach of the Contract or failure to take action pursuant to this section upon the happening of any prior default or breach of Contractor, shall be construed to be a waiver or estoppel of the City's right to act pursuant to this Section upon any subsequent event, occurrence or failure by Contractor to fulfill the terms and conditions of the Contract. The rights of City to terminate the Contract pursuant to this Section and pursuant to Sections 26 and 27 are cumulative and are in addition to all other rights of City pursuant to the Contract and at law or in equity.

29. CONTRACTOR BANKRUPT

If Contractor should commence any bankruptcy proceeding, or if Contractor is adjudged a bankrupt, or if Contractor makes any assignment for the benefit of creditors, or if a receiver is appointed on account of Contractor's insolvency, then the City may, without prejudice to any other right or remedy, terminate the Contract and complete the work by giving notice as provided in Section 28 above.

30. SURETIES' OBLIGATIONS UPON TERMINATION

If the City terminates the Contract pursuant to Section 28 or Section 29 above:

(A) The Surety under Contractor's performance bond shall be fully responsible for all of the Contractor's remaining obligations of performance under the Contract as if the Surety were a party to the Contract, including without limitation Contractor's obligations, as provided in the Contract Documents, to complete and provide a one-year warranty of the entire Work, pay liquidated damages and indemnify, defend and hold harmless City, up to the full amount of the performance bond.

(B) The Surety under Contractor's payment bond shall be fully responsible for the performance of all of the Contractor's remaining payment obligations for work, services, equipment or materials performed or provided in connection with the Work or any portion thereof, up to the full amount of the payment bond.

31. ACCOUNTING RECORDS OF CONTRACTOR

During performance of the Contract and for a period of three (3) years after completing the entire Work, Contractor shall maintain all accounting and financial records related to the Contract and performance of the Work in accordance with generally accepted accounting practices, and shall keep and make such records available for inspection and audit by representatives of the City upon reasonable written notice.

32. USE TAX REQUIREMENTS

During the performance of this Agreement, Contractor, for itself, its assignees and successors in interest, agrees as follows:

(A) Use Tax Direct Payment Permit: For all leases and purchases of materials, equipment, supplies, or other tangible personal property used to perform the Agreement and shipped from outside California, the Contractor and any subcontractors leasing or purchasing such materials, equipment, supplies or other tangible personal property shall obtain a Use Tax Direct Payment

Permit from the California State Board of Equalization ("SBE") in accordance with the applicable SBE criteria and requirements.

(B) Sellers Permit: For any construction contract and any construction subcontract in the amount of \$5,000,000 or more, Contractor and the subcontractor(s) shall obtain sellers permits from the SBE and shall register the jobsite as the place of business for the purpose of allocating local sales and use tax to the City. Contractor and its subcontractors shall remit the self-accrued use tax to the SBE, and shall provide a copy of each remittance to the City.

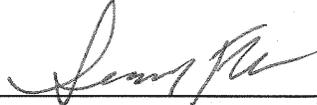
(C) The above provisions shall apply in all instances unless prohibited by the funding source for the Agreement.

IN WITNESS WHEREOF, the parties hereto have signed this Agreement on the date set for opposite their names.

**CONTRACTOR**

Under penalty of perjury, I certify that the taxpayer identification number and all other information provided here are correct.

DATE December 16, 2013

BY 

Sam Florez  
Print Name

President  
Title

BY \_\_\_\_\_

Print Name

Title

68-0426586

Federal ID#

440-4813-0

State ID#

94908

City of Sacramento Business Operation Tax Certificate No. (City will not award contract until Certificate Number is obtained)

Type of Business Entity (*check one*):

Individual/Sole Proprietor

Partnership

Corporation

Limited Liability Company

Other (*please specify*: \_\_\_\_\_)

**CITY OF SACRAMENTO**

a municipal corporation

DATE \_\_\_\_\_

BY 

For: John F Shirey, City Manager

Original Approved As To Form:

Attest:



 01302014

City Attorney

City Clerk





**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**  
**BLANKET ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

**SCHEDULE (OPTIONAL)**

Name of Additional Insured Person(s) Or Organizations
(As required by written contract/agreement per Paragraph A. below.)  the city of Sacramento, its officials, employees and volunteers.    Address: P.O. Box 257Portland, MI 48875-0257

Location(s) of Covered Operations
(As per the written contract/agreement, provided the location is within the "coverage territory" of this Coverage Part.) Project: Parkway & Valley Hi Water Meter Retrofit (PN:Z14010070)

**(Coverage under this endorsement is not affected by an entry or lack of entry in the Schedule above.)**

- A. Section II - Who Is An Insured** is amended to include as an additional insured any person(s) or organization(s), including any person or organization shown in the Schedule above, whom you are required to add as an additional insured on this Coverage Part under a written contract or written agreement, provided:
  - a. The written contract or written agreement was executed prior to:
    - 1. The "bodily injury" or "property damage"; or
    - 2. The offense that caused the "personal and advertising injury"
 for which the additional insured seeks coverage under this Coverage Part; and
  - b. The written contract or written agreement pertains to your ongoing operations or "your work" for the additional insured(s).
- B.** The insurance provided to the additional insured is limited as follows:
  - 1. The person or organization is an additional insured only with respect to liability for "bodily injury," "property damage," or "personal and advertising injury" caused in whole or in part by:
    - a. Your acts or omissions; or
    - b. The acts or omissions of those acting on your behalf
 in the performance of your ongoing operations for the additional insured(s) or
  - c. "Your work" that is included in the "products-completed operations hazard" and performed for the additional insured, but only if this Coverage Part provides such coverage, and only if the written contract or written agreement requires you to provide the additional insured such coverage.



2. However, we will not provide the additional insured any broader coverage or any higher limit of insurance than the least of those:
    - a. Required by the written contract or written agreement;
    - b. Described in B.1. above; or
    - c. Afforded to you under this policy.
  3. This insurance is excess of all other insurance available to the additional insured, whether primary, excess, contingent or on any other basis, unless the written contract or agreement requires this insurance to be primary. In that event, this insurance will be primary relative to insurance which covers the additional insured as a named insured. We will not require contribution from such insurance if the written contract or written agreement also requires that this insurance be non-contributory. But with respect to all other insurance under which the additional insured qualifies as an insured or additional insured, this insurance will be excess.
  4. The insurance provided to the additional insured terminates when your operations for the additional insured are complete. But if the written contract or written agreement specifies a date until which this insurance must apply, then this insurance terminates:
    - a. On the date specified in the written contract or written agreement; or
    - b. When this policy expires or is cancelled, whichever occurs first.
- C. With respect to the insurance afforded to the additional insured, the following additional exclusions apply.

This insurance does not apply to:

1. "Bodily injury," "property damage," or "personal and advertising injury" arising out of the rendering of, or the failure to render, any professional architectural, engineering, or surveying services, including:
  - a. The preparing, approving, or failing to prepare or approve maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; and
  - b. Supervisory, inspection, architectural or engineering activities.
2. "Bodily injury," "property damage," or "personal and advertising injury" arising out of any

premises or work for which the additional insured is specifically listed as an additional insured on another endorsement attached to this Coverage Part.

**D. SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS** is amended as follows:

1. The **Duties In The Event of Occurrence, Offense, Claim or Suit** condition is amended to add the following additional conditions applicable to the additional insured:

An additional insured under this endorsement will as soon as practicable:

- (1) Give us written notice of an "occurrence" or an offense which may result in a claim or "suit" under this insurance, and of any claim or "suit" that does result;
- (2) Tender the defense and indemnity of any claim or "suit" to any other insurer or self insurer whose policy or program applies to a loss we cover under this Coverage Part;
- (3) Except as provided in Paragraph B.3 of this endorsement, agree to make available any other insurance the additional insured has for a loss we cover under this Coverage Part; and
- (4) Send us copies of all legal papers received, and otherwise cooperate with us in the investigation, defense, or settlement of the claim or "suit."

We have no duty to defend or indemnify an additional insured under this endorsement until we receive from the additional insured written notice of a claim or "suit."

2. With respect only to the insurance provided by this endorsement, the first sentence of Paragraph 4.a. of the Other Insurance Condition is deleted and replaced with the following:

**4. Other Insurance**

**a. Primary Insurance**

This insurance is primary and non-contributory except when rendered excess by this endorsement, or when Paragraph b. below applies.

- E. The provisions of the written contract or written agreement do not in any way broaden or amend this Coverage Part.

ENDORSEMENT AGREEMENT  
WAIVER OF SUBROGATION #2570



HOME OFFICE  
SAN FRANCISCO

ALL EFFECTIVE DATES ARE  
AT 12:01 AM PACIFIC  
STANDARD TIME OR THE  
TIME INDICATED AT  
PACIFIC STANDARD TIME

Policy #: 667626113  
Policy Eff Date: 10/1/2013  
Policy Expiration Date: 10/1/2014  
Endorsement Eff Date: 12/18/13

Named Insured: Florez Brothers Incorporated dba Florez Paving  
Address: 4000 24th Street Sacramento, CA 95822

ANYTHING IN THIS POLICY TO THE CONTRARY NOTWITHSTANDING,  
IT IS AGREED THAT THE STATE COMPENSATION INSURANCE FUND  
WAIVES ANY RIGHT OF SUBROGATION AGAINST,  
the city of Sacramento, its officials, employees and volunteers.

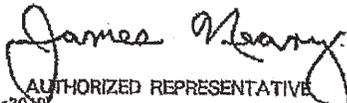
WHICH MIGHT ARISE BY REASON OF ANY PAYMENT UNDER THIS  
POLICY IN CONNECTION WITH WORK PERFORMED BY,

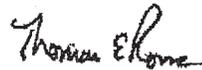
IT IS FURTHER AGREED THAT THE INSURED SHALL MAINTAIN  
PAYROLL RECORDS ACCURATELY SEGREGATING THE REMUNERATION  
OF EMPLOYEES WHILE ENGAGED IN WORK FOR THE ABOVE  
EMPLOYER.

IT IS FURTHER AGREED THAT PREMIUM ON THE EARNINGS OF SUCH  
EMPLOYEES SHALL BE INCREASED BY 03%.

NOTHING IN THIS ENDORSEMENT CONTAINED SHALL BE HELD TO VARY, ALTER, WAIVE  
OR EXTEND ANY OF THE TERMS, CONDITIONS, AGREEMENTS, OR LIMITATIONS OF THIS  
POLICY OTHER THAN AS STATED. NOTHING ELSEWHERE IN THIS POLICY SHALL BE  
HELD TO VARY, ALTER, WAIVE OR LIMIT THE TERMS, CONDITIONS, AGREEMENTS OR  
LIMITATIONS OF THIS ENDORSEMENT.

COUNTERSIGNED AND ISSUED AT SAN FRANCISCO:

  
AUTHORIZED REPRESENTATIVE



PRESIDENT AND CEO

SCIF FORM 10217 (REV. 8-2010)

OLD DP 217

CITY OF SACRAMENTO  
PERFORMANCE BOND  
Department of Utilities

Bond No.: 929576978

Premium: \$44,057.00

WHEREAS, the City of Sacramento, State of California, hereinafter called City, has conditionally awarded to

Florez Brothers Inc. dba Florez Paving  
4000 24th Street  
Sacramento, CA 95822

as principal, hereinafter called Contractor, a contract for construction of:

Parkway & Valley Hi water Meter Retrofit  
(PN: Z14010070) (B14141321014)

which contract is by reference incorporated herein and made a part hereof as if the Surety named below were a party to the contract, and is hereinafter referred to as the Contract; and

WHEREAS, under the terms of the Contract, Contractor is required to furnish a bond for the faithful performance of the Contract.

NOW, THEREFORE, we the Contractor and (*here insert full name and address of Surety*): Western Surety Company  
8880 Cal Center Drive, Suite 410, Sacramento, California 95826

a corporation duly authorized and admitted to transact business and issue surety bonds in the State of California, hereinafter called Surety, are held and firmly bound unto the City, as obligee, in the sum of: **Five Million Three Hundred Fifty Thousand Three Hundred Five Dollars and Zero Cents (\$5,350,305.00)** for the payment of which sum well and truly to be made, we the Contractor and Surety bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally. The condition of this obligation is such that, if the Contractor, Contractor's heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and fully perform all covenants, conditions and agreements required to be kept and performed by Contractor in the Contract and any changes, additions or alterations made thereto, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meanings, and shall indemnify and save harmless the City, its officers, employees and agents, as therein provided, then the Surety's obligations under the Contract and this bond shall be null and void; otherwise they shall be and remain in full force and effect. This obligation shall remain in full force and effect through the end of the Contract warranty period, which will expire one year after the completion of work date specified in the Notice of Completion filed for the above-named project.

As part of the obligations secured hereby and in addition to the sum specified above, there shall be included all costs, expenses and fees, including attorney's fees, reasonably incurred by City in successfully enforcing such obligations, all to be taxed as costs and included in any judgment rendered.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or to the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by authorized representatives of the Contractor and Surety.  
SIGNED AND SEALED on December 16, 2013.

Florez Brothers Inc. dba Florez Paving

By [Signature] (Contractor) (Seal)

Title President

ORIGINAL APPROVED AS TO FORM:

[Signature]  
City Attorney

Western Surety Company

By [Signature] (Surety) (Seal)

Title Randall L. Jorgensen  
Attorney-in-Fact

Agent Name and Address Randall L. Jorgensen  
3636 American River Drive, Suite 200, Sacramento, California 95864

Agent Phone # 916-480-4123

Surety Phone # 916-857-2411

California License # 0425149

Surety Email: ruben.gonzalezortega@cnsurety.com



# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

**Randall L Jorgensen, Christopher J Angelo, Paul F Bystrowski, Carol Dunn, Michelle Louise Robinson, John E Murphy, Sandi Pullen, Individually**

of Sacramento, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

### - In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 27th day of June, 2013.

WESTERN SURETY COMPANY

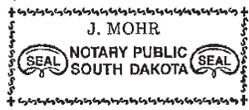


*Paul T. Bruflat*  
Paul T. Bruflat, Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 27th day of June, 2013, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires  
June 23, 2015



*J. Mohr*  
J. Mohr, Notary Public

### CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 16th day of December, 2013.



WESTERN SURETY COMPANY

*L. Nelson*  
L. Nelson, Assistant Secretary

**Authorizing By-Law**

**ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY**

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

CITY OF SACRAMENTO  
PAYMENT BOND  
Department of Utilities

Bond No.: 929576978  
Premium: \$44,057.00

WHEREAS, the City of Sacramento, in the State of California, hereinafter called City, has conditionally awarded to:  
**Florez Brothers Inc. dba Florez Paving**  
4000 24th Street  
Sacramento, CA 95822

hereinafter called Contractor, a contract for construction of:

**Parkway & Valley Hi water Meter Retrofit**  
(PN: Z14010070) (B14141321014)

Which contract is by reference incorporated herein and made a part hereof, and is hereinafter referred to as the Contract; and

WHEREAS, under the terms of the Contract and pursuant to Chapter 5 of Title 3 of Part 6 of Division 4 of the California Civil Code (commencing with Civil Code Section 9550), Contractor is required to furnish a good and sufficient payment bond to secure payment of the claims to which reference is made in Civil Code Section 9554.

NOW, THEREFORE, we the Contractor and (*here insert full name and address of Surety*): Western Surety Company 8880 Cal Center Drive, Suite 410, Sacramento, California 95826, a corporation duly authorized and admitted to transact business and issue surety bonds in the State of California, hereinafter called Surety, are held and firmly bound unto the City, and unto all persons or entities entitled to assert a claim against a payment bond under any of the aforesaid Civil Code provisions in the sum of **Five Million Three Hundred Fifty Thousand Three Hundred Five Dollars and Zero Cents DOLLARS (\$5,350,305.00)** on the condition that if Contractor shall fail to pay for any materials or equipment furnished or used in performance of the Contract, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, or for any amounts required to be deducted, withheld, and paid over to the Franchise Tax Board or the Employment Development Department from the wages of employees of the Contractor and all subcontractors with respect to such work or labor, then the Surety shall pay the same in an amount not exceeding the sum specified above. If suit is brought upon this bond, Surety shall pay, in addition to the above sum, all costs, expenses and fees, including attorney's fees, reasonably incurred by any party in successfully enforcing the obligation secured hereby, all to be taxed as costs and included in any judgment rendered. Should the condition of this bond be fully performed, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect, and shall bind Contractor, Surety, their heirs, executors, administrators, successors and assigns, jointly and severally.

It is hereby stipulated and agreed that this bond shall inure to the benefit of all persons, companies, corporations, political subdivisions, State agencies and other entities entitled to assert a claim against a payment bond under any of the aforesaid Civil Code provisions, so as to give a right of action to them or their assigns in any suit brought upon this bond. The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or to the work to be performed thereunder or to the specifications accompanying the same shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration or addition.

IN WITNESS WHEREOF, this instrument has been duly executed by authorized representatives of the Contractor and Surety. SIGNED AND SEALED on December 16, 2013.

Florez Brothers Inc. dba Florez Paving  
By [Signature] (Contractor) (Seal)  
Title President

Western Surety Company  
By [Signature] (Surety) (Seal)  
Title Attorney-in-Fact  
Agent Name and Address Randall L. Jorgensen  
3636 American River Drive, Suite 200, Sacramento, California 95864  
Agent Phone # 916-480-4123  
Surety Phone # 916-857-2411  
California License # 0425149  
Surety Email: ruben.gonzalezortega@cnaSurety.com

ORIGINAL APPROVED AS TO FORM:  
[Signature]  
City Attorney

Effective 7-1-12



# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

**Randall L Jorgensen, Christopher J Angelo, Paul F Bystrowski, Carol Dunn, Michelle Louise Robinson, John E Murphy, Sandi Pullen, Individually**

of Sacramento, CA, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

### - In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 27th day of June, 2013.

WESTERN SURETY COMPANY



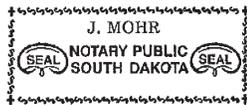
*Paul T. Bruflat*

Paul T. Bruflat, Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 27th day of June, 2013, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires  
June 23, 2015



*J. Mohr*

J. Mohr, Notary Public

### CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 16th day of December, 2013.



WESTERN SURETY COMPANY

*L. Nelson*

L. Nelson, Assistant Secretary

**Authorizing By-Law**

**ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY**

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

## **FUNDING REQUIREMENTS**

**THE FOLLOWING PAGES CONTAIN THE FUNDING REQUIREMENTS  
THAT THE CONTRACTOR AND SUBCONTRACTORS, AS  
APPLICABLE, MUST COMPLY WITH**

Funding Requirements – Federal Boilerplate Requirements

**FEDERAL  
BOILERPLATE (BP)  
REQUIREMENTS**

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## Funding Requirements – Federal Boilerplate Requirements

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## Funding Requirements – Federal Boilerplate Requirements

- PUBLIC CONTRACT CODE SECTION 7105  
"ACTS OF GOD" INSURANCE EXCLUSION

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7105 . (a) Construction contracts of public agencies shall not require the contractor to be responsible for the cost of repairing or restoring damage to the work, which damage is determined to have been proximately caused by an act of God, in excess of 5 percent of the contracted amount, provided, that the work damaged is built in accordance with accepted and applicable building standards and the plans and specifications of the awarding authority . However, contracts may include provisions for terminating the contract . The requirements of this section shall not be mandatory as to construction contracts financed by revenue bonds . This section shall not prohibit a public agency from requiring that a contractor obtain insurance to indemnify the public agency for any damage to the work caused by an act of God if the insurance premium is a separate bid item . If insurance is required, requests for bids issued by public agencies shall set forth the amount of the work to be covered and the contract resulting from the requests for bids shall require that the contractor furnish evidence of satisfactory insurance coverage to the public agency prior to execution of the contract . (b) For the purposes of this section:

(1) "Public agency" shall include the state, the Regents of the University of California, a city, county, district, public authority, public agency, municipal utility, and any other political subdivision or public corporation of the state .

(2) "Acts of God" shall include only the following occurrences or conditions and effects : earthquakes in excess of a magnitude of 3.5 on the Richter Scale and tidal waves .

(c) Public agencies may make changes in construction contracts for public improvements in the course of construction to bring the completed improvements into compliance with environmental requirements or standards established by state and federal statutes and regulations enacted after the contract has been awarded or entered into . The contractor shall be paid for the changes in accordance with the provisions of the contract governing payment for changes in the work or, if no provisions are set forth in the contract, payment shall be as agreed to by the parties .

(d) (1) Where authority to contract is vested in any public agency, excluding the state, the authority shall include the power, by mutual consent of the contracting parties, to terminate, amend, or modify any contract within the scope of such authority. (2) Paragraph (1) shall not apply to contracts entered into pursuant to any statute expressly requiring that contracts be let or awarded on the basis of competitive bids . Contracts of public agencies, excluding the state, required to be let or awarded on the basis of competitive bids pursuant to any statute may be terminated, amended, or modified only if the termination, amendment, or modification is so provided in the contract or is authorized under provision of law other than this subdivision . The compensation payable, if any, for amendments and modifications shall be determined as provided in the contract . The compensation payable, if any, in the event the contract is so terminated shall be determined as provided in the contract or applicable statutory provision providing for the termination .

(3) Contracts of public agencies may include provisions for termination for environmental considerations at the discretion of the public agencies.

2 - LABOR CODE SECTION 1776  
COMPLETE PAYROLL RECORDS; CERTIFIED AND AVAILABLE

---

(a) Each contractor and subcontractor shall keep accurate payroll records, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by him or her in connection with the public work. Each payroll record shall contain or be verified by a written declaration that it is made under penalty of perjury, stating both of the following: (1) The information contained in the payroll record is true and correct . (2) The employer has complied with the requirements of Sections 1771, 1811, and 1815 for any work performed by his or her employees on the public works project.

(b) The payroll records enumerated under subdivision (a) shall be certified and shall be available for inspection at all reasonable hours at the principal office of the contractor on the following basis: (1) A certified copy of an employee's payroll record shall be made available for inspection or furnished to the employee or his or her authorized representative on request.

(2) A certified copy of all payroll records enumerated in subdivision (a) shall be made available for inspection or furnished upon request to a representative of the body awarding the contract, the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards of the Department of Industrial Relations.

(3) A certified copy of all payroll records enumerated in subdivision (a) shall be made available upon request by the public for inspection or for copies thereof. However, a request by the public shall be made through either the body

## Funding Requirements – Federal Boilerplate Requirements

awarding the contract, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement . If the requested payroll records have not been provided pursuant to paragraph (2), the requesting party shall, prior to being provided the records, reimburse the costs of preparation by the contractor, subcontractors, and the entity through which the request was made . The public shall not be given access to the records at the principal office of the contractor.

(c) The certified payroll records shall be on forms provided by the Division of Labor Standards Enforcement or shall contain the same information as the forms provided by the division.

(d) .A contractor or subcontractor shall file a certified copy of the records enumerated in subdivision (a) with the entity that requested the records within 10 days after receipt of a written request.

(e) Any copy of records made available for inspection as copies and furnished upon request to the public or any public agency by the awarding body, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement shall be marked or obliterated to prevent disclosure of an individual's name, address, and social security number. The name and address of the contractor awarded the contract or the subcontractor performing the contract shall not be marked or obliterated. Any copy of records made available for inspection by, or furnished to, a joint labor management committee established pursuant to the federal Labor Management Cooperation Act of 1978 (Section 175a of Title 29 of the United States Code) shall be marked or obliterated only to prevent disclosure of an individual's name and social security number . A joint labor management committee may maintain an action in a court of competent jurisdiction against an employer who fails to comply with Section 1774. The court may award restitution to an employee for unpaid wages and may award the joint labor management committee reasonable attorney's fee and costs incurred in maintaining the action. An action under this subdivision may not be based on the employer's misclassification of the craft of a worker on its certified payroll records. Nothing in this subdivision limits any other available remedies for a violation of this chapter.

(f) The contractor shall inform the body awarding the contract of the location of the records enumerated under subdivision (a), including the street address, city and county, and shall, within five working days, provide a notice of a change of location and address .

(g) The contractor or subcontractor shall have 10 days in which to comply subsequent to receipt of a written notice requesting the records enumerated in subdivision (a). In the event that the contractor or subcontractor fails to comply within the 10-day period, he or she shall, as a penalty to the state or political subdivision on whose behalf the contract is made or awarded, forfeit twenty-five dollars (\$25) for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, these penalties shall be withheld from progress payments then due. A contractor is not subject to a penalty assessment pursuant to this section due to the failure of a subcontractor to comply with this section.

(h) The body awarding the contract shall cause to be inserted in the contract stipulations to effectuate this section.

(i) The director shall adopt rules consistent with the California Public Records Act, (Chapter 3 .5 (commencing with Section 6250), Division 7, Title 1, Government Code) and the Information Practices Act of 1977, (Title 1 .8 (commencing with Section 1798), Part 4, Division 3, Civil Code) governing the release of these records, including the establishment of reasonable fees to be charged for reproducing copies of records required by this section.

### 3 - LABOR CODE SECTION 1777 .5 EMPLOYMENT OF PROPERLY REGISTERED APPRENTICES

---

(a) Nothing in this chapter shall prevent the employment of properly registered apprentices upon public works.

(b) Every apprentice employed upon public works shall be paid the prevailing rate of per diem wages for apprentices in the trade to which he or she is registered and shall be employed only at the work of the craft or trade to which he or she is registered.

## Funding Requirements – Federal Boilerplate Requirements

(c) Only apprentices, as defined in Section 3077, who are in training under apprenticeship standards that have been approved by the Chief of the Division of Apprenticeship Standards and who are parties to written apprentice agreements under Chapter 4 (commencing with Section 3070) of Division 3 are eligible to be employed at the apprentice wage rate on public works. The employment and training of each apprentice shall be in accordance with either of the following:

- (1) The apprenticeship standards and apprentice agreements under which he or she is training.
- (2) The rules and regulations of the California Apprenticeship Council.

(d) When the contractor to whom the contract is awarded by the state or any political subdivision, in performing any of the work under the contract, employs workers in any apprenticeable craft or trade, the contractor shall employ apprentices in at least the ratio set forth in this section and may apply to any apprenticeship program in the craft or trade that can provide apprentices to the site of the public work for a certificate approving the contractor under the apprenticeship standards for the employment and training of apprentices in the area or industry affected. However, the decision of the apprenticeship program to approve or deny a certificate shall be subject to review by the Administrator of Apprenticeship. The apprenticeship program or programs, upon approving the contractor, shall arrange for the dispatch of apprentices to the contractor. A contractor covered by an apprenticeship program's standards shall not be required to submit any additional application in order to include additional public works contracts under that program.

"Apprenticeable craft or trade," as used in this section, means a craft or trade determined as an apprenticeable occupation in accordance with rules and regulations prescribed by the California Apprenticeship Council. As used in this section, "contractor" includes any subcontractor under a contractor who performs any public works not excluded by subdivision (o).

(e) Prior to commencing work on a contract for public works, every contractor shall submit contract award information to an applicable apprenticeship program that can supply apprentices to the site of the public work. The information submitted shall include an estimate of journeyman hours to be performed under the contract, the number of apprentices proposed to be employed, and the approximate dates the apprentices would be employed. A copy of this information shall also be submitted to the awarding body if requested by the awarding body. Within 60 days after concluding work on the contract, each contractor and subcontractor shall submit -to the awarding body, if requested, and to the apprenticeship program a verified statement of the journeyman and apprentice hours performed on the contract. The information under this subdivision shall be public. The apprenticeship programs shall retain this information for 12 months.

(f) The apprenticeship program that can supply apprentices to the area of the site of the public work shall ensure equal employment and affirmative action in apprenticeship for women and minorities.

(g) The ratio of work performed by apprentices to journeymen employed in a particular craft or trade on the public work may be no higher than the ratio stipulated in the apprenticeship standards under which the apprenticeship program operates where the contractor agrees to be bound by those standards, but, except as otherwise provided in this section, in no case shall the ratio be less than one hour of apprentice work for every five hours of journeyman work.

(h) This ratio of apprentice work to journeyman work shall apply during any day or portion of a day when any journeyman is employed at the jobsite and shall be computed on the basis of the hours worked during the day by journeymen so employed. Any work performed by a journeyman in excess of eight hours per day or 40 hours per week shall not be used to calculate the ratio. The contractor shall employ apprentices for the number of hours computed as above before the end of the contract or, in the case of a subcontractor, before the end of the subcontract. However, the contractor shall endeavor, to the greatest extent possible, to employ apprentices during the same time period that the journeymen in the same craft or trade are employed at the jobsite. Where an hourly apprenticeship ratio is not feasible for a particular craft or trade, the Chief of the Division of Apprenticeship Standards, upon application of an apprenticeship program, may order a minimum ratio of not less than one apprentice for each five journeymen in a craft or trade classification.

(i) A contractor covered by this section that has agreed to be covered by an apprenticeship program's standards upon the issuance of the approval certificate, or that has been previously approved for an apprenticeship program in

the craft or trade, shall employ the number of apprentices or the ratio of apprentices to journeymen stipulated in the applicable apprenticeship standards, but in no event less than the 1-to-5 ratio required by subdivision (g).

BP 5 of 12

#### Funding Requirements - Federal Boilerplate Requirements

(j) Upon proper showing by a contractor that he or she employs apprentices in a particular craft or trade in the state on all of his or her contracts on an annual average of not less than one hour of apprentice work for every five hours of labor performed by journeymen, the Chief of the Division of Apprenticeship Standards may grant a certificate exempting the contractor from the 1-to-5 hourly ratio, as set forth in this section for that craft or trade.

(k) An apprenticeship program has the discretion to grant to a participating contractor or contractor association a certificate, which shall be subject to the approval of the Administrator of Apprenticeship, exempting the contractor from the 1-to-5 ratio set forth in this section when it finds that any one of the following conditions is met:

- (1) Unemployment for the previous three-month period in the area exceeds an average of 15 percent.
- (2) The number of apprentices in training in the area exceeds a ratio of 1 to 5.
- (3) There is a showing that the apprenticeable craft or trade is replacing at least one-thirtieth of its journeymen annually through apprenticeship training, either on a statewide basis or on a local basis.
- (4) Assignment of an apprentice to any work performed under a public works contract would create a condition that would jeopardize his or her life or the life, safety, or property of fellow employees or the public at large, or the specific task to which the apprentice is to be assigned is of a nature that training cannot be provided by a journeyman.

(l) When an exemption is granted pursuant to subdivision (k) to an organization that represents contractors in a specific trade from the 1-to-5 ratio on a local or statewide basis, the member contractors shall not be required to submit individual applications for approval to local joint apprenticeship committees, if they are already covered by the local apprenticeship standards.

(m) (1) A contractor to whom a contract is awarded, who, in performing any of the work under the contract, employs journeymen or apprentices in any apprenticeable craft or trade shall contribute to the California Apprenticeship Council the same amount that the director determines is the prevailing amount of apprenticeship training contributions in the area of the public works site. A contractor may take as a credit for payments to the council any amounts paid by the contractor to an approved apprenticeship program that can supply apprentices to the site of the public works project. The contractor may add the amount of the contributions in computing his or her bid for the contract.

(2) At the conclusion of the 2002-03 fiscal year and each fiscal year thereafter, the California Apprenticeship Council shall distribute training contributions received by the council under this subdivision, less the expenses of the Division of Apprenticeship Standards for administering this subdivision, by making grants to approved apprenticeship programs for the purpose of training apprentices. The funds shall be distributed as follows:

- (A) If there is an approved multiemployer apprenticeship program serving the same craft or trade and geographic area for which the training contributions were made to the council, a grant to that program shall be made.
- (B) If there are two or more approved multiemployer apprenticeship programs serving the same craft or trade and geographic area for which the training contributions were made to the council, the grant shall be divided among those programs based on the number of apprentices registered in each program.
- (C) All training contributions not distributed under subparagraphs (A) and (B) shall be used to defray the future expenses of the Division of Apprenticeship Standards.

(3) All training contributions received pursuant to this subdivision shall be deposited in the Apprenticeship Training Contribution Fund, which is hereby created in the State Treasury. Notwithstanding Section 13340 of the Government Code, all money in the Apprenticeship Training Contribution Fund is hereby continuously appropriated for the purpose of carrying out this subdivision and to pay the expenses of the Division of Apprenticeship Standards.

(n) The body awarding the contract shall cause to be inserted in the contract stipulations to effectuate this section. The stipulations shall fix the responsibility of compliance with this section for all apprenticeable occupations with the prime contractor.

(o) This section does not apply to contracts of general contractors or to contracts of specialty contractors not bidding for work through a general or prime contractor when the contracts of general contractors or those specialty contractors involve less than thirty thousand dollars (\$30,000).

(p) All decisions of an apprenticeship program under this section are subject to Section 3081.

## Funding Requirements – Federal Boilerplate Requirements

4 - LABOR CODE SECTION 1810  
DEFINITION: A LEGAL DAY'S WORK

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Eight hours labor constitutes a legal day's work in all cases where the same is performed under the authority of any law of this State, or under the direction, or control, or by the authority of any officer of this State acting in his official capacity, or under the direction, or control or by the authority of any municipal corporation, or of any officer thereof. A stipulation to that effect shall be made a part of all contracts to which the State or any municipal corporation therein is a party.

5 - LABOR CODE SECTION 1813  
PENALTY FOR OVERTIME ON ANY PUBLIC WORK CONTRACT

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The contractor or subcontractor shall, as a penalty to the state or political subdivision on whose behalf the contract is made or awarded, forfeit twenty-five dollars (\$25) for each worker employed in the execution of the contract by the respective contractor or subcontractor for each calendar day during which the worker is required or permitted to work more than 8 hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of this article. In awarding any contract for public work, the awarding body shall cause to be inserted in the contract a stipulation to this effect. The awarding body shall take cognizance of all violations of this article committed in the course of the execution of the contract, and shall report them to the Division of Labor Standards Enforcement.

6 - LABOR CODE SECTION 1815  
MINIMUM OVERTIME PAY

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Notwithstanding the provisions of Sections 1810 to 1814, inclusive, of this code, and notwithstanding any stipulation inserted in any contract pursuant to the requirements of said sections, work performed by employees of contractors in excess of 8 hours per day, and 40 hours during any one week, shall be permitted upon public work upon compensation for all hours worked in excess of 8 hours per day at not less than one and one-half (1.5) times the basic rate of pay.

7 - LABOR CODE SECTION 1861  
CONTRACTOR CERTIFICATION TO LABOR CODE SECTION 3700

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Each contractor to whom a public works contract is awarded shall sign and file with the awarding body the following certification prior to performing the work of the contract: "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract"

8 - CULTURAL RESOURCES

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In accordance with the National Historic Preservation Act of 1966, (16 U.S.C. 470), and State statutes regarding the unexpected discovery of human remains, the following procedures are implemented to insure historic preservation and fair compensation to the Contractor for delays attendant to cultural resources investigations. In the event potential Historical, Archeological, or Cultural Resources (herein after cultural resources) are discovered during subsurface excavations at the site of construction, the following procedures shall be instituted:

1) The Engineer shall issue a "Stop Work Order" directing the Contractor to cease all construction operations at the location of such potential cultural resources find. If the find includes human remains, the County Coroner must be contacted immediately.

2) Such "Stop Work order" shall be effective until such time as a qualified archeologist can be called to evaluate the importance of these potential cultural resources and make recommendations to the Engineer. Any "Stop Work Order" shall contain the following:

- a) A clear description of the work to be suspended;
- b) Any instructions regarding issuance of further orders by the Contractor for material services;

Funding Requirements – Federal Boilerplate Requirements

- c) Guidance as the action to be taken on subcontracts;
- d) Any suggestions to the Contractor as to minimization of his costs;
- e) Estimated duration of the temporary suspension.

If the archeologist in consultation with the Engineer determines that the potential find is an important resource and warrants further investigation and/or mitigation, the Engineer shall extend the duration of the "Stop Work Order" in writing, and the Contractor shall suspend work at the location of the find.

Equitable adjustment of the construction contract shall be made in the following manner:

1) Time Extension

If the work temporarily suspended is on the "critical path", the total number of days for which the suspension is in effect shall be added to the number of allowable contract days .

If a portion of work at the time of such suspension is not on the "critical path", but subsequently becomes work on the critical path, the allowable contract time will be computed from the date such work is classified as on the critical path

2) Additional Compensation

If, as a result of a suspension of the work, the Contractor sustains a loss which could not have been avoided by his judicious handling of forces, and equipment, or redirection of forces or equipment to perform other work on the contract, there shall be paid to the Contractor an amount as determined by the Engineer to be fair and reasonable compensation for the Contractor's actual loss in accordance with the following:

a) Idle Time of Equipment

Compensation for equipment idle time will be determined on a force account (time and materials) basis, and shall include the cost of extra moving of equipment and rental loss . The right-of-way delay factor for each classification of equipment shown in the California Department of Transportation publication entitled, Equipment Rental Rates and the General Prevailing Wage Rates, will be applied to any equipment rental rates.

b) Idle Time of Labor

Compensation for idle time of workers will be determined by the Engineer as "Labor" less any actual productivity factor of this portion of the work force.

c) Increased Costs of Labor and Materials

Increased costs of labor and materials will be compensated only to the extent such increase was in fact caused by the suspension, as determined by the Engineer. Compensation for actual loss due to idle time of either equipment or labor shall not include markup for profit. The hours for which compensation will be paid will be the actual normal working time during which such delay condition exists, but will in no case exceed eight hours in any one day . The days for which compensation will be paid shall be full or partial calendar days, excluding Saturdays, Sundays, and legal holidays, during the existence of such delay-

9- EQUAL OPPORTUNITY CLAUSE (in relevant part) Executive Order 11246 : 40 CFR 7.3

During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, creed, color, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, creed, color, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants
- Funding Requirements – Federal Boilerplate Requirements

for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, creed, color, or national origin.

(3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(4) The contractor will comply with all provisions of Executive Order No. 11246 of Sept. 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(5) The contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of Sept. 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(7) The contractor will include the provisions of Paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rule, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of Sept. 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, That in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

#### SEC. 203

(a) Each contractor having a contract containing the provisions prescribed in Section 202 shall file, and shall cause each of his subcontractors to file, Compliance Reports with the contracting agency or the Secretary of Labor as may be directed. Compliance Reports shall be filed within such times and shall contain such information as to the practices, policies, programs, and employment policies, programs, and employment statistics of the contractor and each subcontractor, and shall be in such form, as the Secretary of Labor may prescribe.

(b) Bidders or prospective contractors or subcontractors may be required to state whether they have participated in any previous contract subject to the provisions of this Order, or any preceding similar Executive order, and in that event to submit, on behalf of themselves and their proposed subcontractors, Compliance Reports prior to or as an initial part of their bid or negotiation of a contract.

(c) Whenever the contractor or subcontractor has a collective bargaining agreement or other contract or understanding with a labor union or an agency referring workers or providing or supervising apprenticeship or training for such workers, the Compliance Report shall include such information as to such labor union's or agency's practices and policies affecting compliance as the Secretary of Labor may prescribe: Provided, That to the extent such information is within the exclusive possession of a labor union or an agency referring workers or providing or supervising apprenticeship or training and such labor union or agency shall refuse to furnish such information to the contractor, the contractor shall so certify to the contracting agency as part of its Compliance Report and shall set forth what efforts he has made to obtain such information.

(d) The contracting agency or the Secretary of Labor may direct that any bidder or prospective contractor or subcontractor shall submit, as part of his Compliance Report, a statement in writing, signed by an authorized officer or agent on behalf of any labor union or any agency referring workers or providing or supervising apprenticeship or other training, with which the bidder or prospective contractor deals, with supporting information, to the effect that the signers practices and policies do not discriminate on the grounds of race, color, creed, or national origin, and that the signer either will affirmatively cooperate in the implementation of the policy and provisions of this Order or that it consents and agrees that recruitment, employment, and the terms and conditions of employment under the proposed contract shall be in accordance with the purposes and provisions of the Order. In the event that the union, or the agency shall refuse to execute such a statement, the Compliance Report shall so certify and set forth what efforts have been made to

## Funding Requirements – Federal Boilerplate Requirements

secure such a statement and such additional factual material as the contracting agency or the Secretary of Labor may require.

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**10- NONDISCRIMINATION CLAUSE 41 CFR 60-1.4**


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During the performance of this contract, the contractor agrees as follows:

(1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

(2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

(3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(4) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

(5) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the contractor's non-compliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and the contractor may be declared ineligible for future Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(7) The contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

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**11 - ELIMINATION OF SEGREGATED FACILITIES  
NOTICE TO PROSPECTIVE FEDERALLY-ASSISTED CONSTRUCTION CONTRACTORS**


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(a) A Certification of Non-Segregated Facilities, as required by the May 9, 1967 Order (32 F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a Federally-assisted construction contract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause.

(b) Contractors receiving Federally-assisted construction contract awards exceeding \$10,000 which, are not exempt from the provisions of the Equal Opportunity Clause, will be required to provide for the forwarding of the following notice to prospective subcontractors for supply and construction contracts where the subcontracts exceed \$10,000 and are not exempt from the provisions of the Equal Opportunity Clause.

Funding Requirements – Federal Boilerplate Requirements  
NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENT  
FOR CERTIFICATION OF NON-SEGREGATED FACILITIES

(a) A Certification of Non-Segregated Facilities, as required by the May 9, 1967 Order (32 F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause .

(b) Contractors receiving subcontract awards exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause will be required to provide for the forwarding of this notice to prospective subcontractors for supply and construction contracts where the subcontracts exceed \$ 10,000 and are not exempt from the provisions of the Equal Opportunity Clause .

12- GOVERNMENT WIDE DEBARMENT AND SUSPENSION (NONPROCUREMENT) AND  
GOVERNMENT WIDE REQUIREMENTS FOR DRUG-FREE WORKPLACE (GRANTS)  
(Executive Order 12549 and 48 CFR part 9, subpart 9.4)

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1. The prospective primary participant shall provide immediate written notice to the department or agency to which this proposal is submitted if at any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

2. The terms covered transaction, debarred, suspended, ineligible, lower tier covered transaction, participant, person, primary covered transaction, principal, proposal, and voluntarily excluded, as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549 . You may contact the department or agency to which this proposal is being submitted for assistance in obtaining a copy of those regulations.

3. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is proposed for debarment under 48 CFR part 9, subpart 9 .4, debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

4. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not proposed for debarment under 48 CFR part 9, subpart 9 .4, debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous . A participant may decide the method and frequency by which it determines the eligibility of its principals . Each participant may, but is not required to, check the List of Parties Excluded from Federal Procurement and Non-procurement Programs.

5. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause . The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings .

10. Except for transactions authorized under paragraph 3 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is proposed for debarment under 48 CFR part 9, subpart 9 .4, suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

## Funding Requirements – Federal Boilerplate Requirements

13- RESPONSIBILITY FOR REMOVAL, RELOCATION, OR PROTECTION OF EXISTING UTILITIES; CONTRACTS AND PROVISIONS  
GOVERNMENT CODE SECTION 4215 (in relevant part)

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In any contract to which a public agency as defined in Section 4401 is a party, the public agency shall assume the responsibility, between the parties to the contract, for the timely removal, relocation, or protection of existing main or trunkline utility facilities located on the site of any construction project that is a subject of the contract, if such utilities are not identified by the public agency in the plans and specifications made a part of the invitation for bids . The contract documents shall include provisions to compensate the contractor for the costs of locating, repairing damage not due to the failure of the contractor to exercise reasonable care, and removing or relocating such utility facilities not indicated in the plans and specifications with reasonable accuracy, and for equipment on the project necessarily idled during such work . The contract documents shall include provisions that the contractor shall not be assessed liquidated damages for delay in completion of the project, when such delay was caused by the failure of the public agency or the owner of the utility to provide for removal or relocation of such utility facilities.

14- SUBMITTING OF BIDS AND AGREEING TO ASSIGN  
GOVERNMENT CODE SECTION 4552 (in relevant part)

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In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U. S. C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid . Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder. (1978)

(END OF FEDERAL BOILERPLATE)

# ADDITIONAL FUNDING REQUIREMENTS

## 1. FEDERAL CENTRAL CONTRACTOR REGISTRY

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Pursuant to interim final guidance issued by the federal Office of Management and Budget, at 2 CFR Part 176, § 176.50(c) (Federal Register, Vol. 74, No. 77, April 23, 2009), the Contractor is required to register with the Federal Central Contractor Registry (CCR). Registration can be completed at <http://www.ccr.gov>. A CCR user guide can be found at <http://www.ccr.gov/doc/CCRUsersGuide.pdf> and a CCR handbook can be found at <http://www.ccr.gov/Handbook.aspx>. These publications include details on the information that will need to be gathered to complete the CCR registration process. Obtaining a Data Universal Numbering System (Duns) number is one of the requirements for registration in the CCR. There is no charge for obtaining a DUNS number and the web address to obtain a number is: <http://fedgov.dnb.com/webform/> or by phone at: 1-866-705-5711.

## 2. CROSS-CUTTER REQUIREMENTS

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The Contractor and all Subcontractors shall comply with any and all provisions of the following federal laws and Executive Orders (referred to as "Cross-Cutting Federal Authorities") to the extent any such Cross-Cutting Federal Authorities apply to the operations, activities or other conduct of the Contractor, and any subcontractor or their respective officers, employees and agents:

### Listing of Cross-Cutting Federal Authorities

#### Environmental Authorities

- Archeological and Historic Preservation Act, Pub. L. 93-291, as amended
- Clean Air Act, Pub. L. 95-95, as amended
- Clean Water Act, Titles III, IV and V, Pub. L. 92-500, as amended
- Coastal Barrier Resources Act, Pub. L. 97-348
- Coastal Zone Management Act, Pub. L. 92-583, as amended
- Endangered Species Act, Pub. L. 93-205, as amended
- Environmental Justice, Executive Order 12898
- Flood Plain Management, Executive Order 11988 as amended by Executive Order 12148
- Protection of Wetlands, Executive Order 11990 as amended by Executive Order 12608
- Farmland Protection Policy Act, Pub. L. 97-98
- Fish and Wildlife Coordination Act, Pub. L. 85-624, as amended
- Magnuson-Stevens Fishery Conservation and Management Act, Pub. L. 94-265
- National Historic Preservation Act, Pub. L. 89-655, as amended
- Safe Drinking Water Act, Pub. L. 93-523, as amended
- Wild and Scenic Rivers Act, Pub. L. 90-54, as amended

#### Economic and Miscellaneous Authorities

- Debarment and Suspension, Executive Order 12549
- Demonstration Cities and Metropolitan Development Act, Pub. L. 89-754, as amended, and Executive Order 12372
- Drug-Free Workplace Act, Pub. L. 100-690

- New Restrictions on Lobbying, Section 319 of Pub. L. 101-121
- Prohibitions relating to violations of the Clean Water Act or Clean Air Act with respect to Federal contracts, grants, or loans under Section 306 of the Clean Air Act and Section 508 of the Clean Water Act, and Executive Order 11738
- Uniform Relocation and Real Property Acquisition Policies Act, Pub. L. 91-646, as amended

**Civil Rights, Nondiscrimination, Equal Employment Opportunity Authorities**

- Age Discrimination Act, Pub. L. 94-135
- Equal Employment Opportunity, Executive Order 11246
- Section 13 of the Clean Water Act, Pub. L. 92-500
- Section 504 of the Rehabilitation Act, Pub. L. 93-112 supplemented by Executive Orders 11914 and 11250
- Title VI of the Civil Rights Act, Pub. L. 88-352
- 40 C.F.R. Part 7

**3. DAVIS-BACON ACT PROVISIONS**

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Federal prevailing wage requirements are established pursuant to the federal Davis-Bacon Act, which requires the payment of wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code. To comply with the above requirement, for each category of labor or services to which a prevailing wage rate applies, the Contractor and all subcontractors shall pay the federal prevailing wages required pursuant to Section 1606 of the ARRA and the Davis-Bacon Act.

(a)(1) Minimum wages.

(i) All laborers and mechanics employed or working upon the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section (1)(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph (a)(1)(iv) of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in Sec. 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided that the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph (a)(1)(ii) of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the Contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

(ii)(A) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

- (1) The work to be performed by the classification requested is not performed by a classification in the wage determination; and
- (2) The classification is utilized in the area by the construction industry; and
- (3) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(B) If the Contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(C) In the event the Contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Administrator for determination. The Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(D) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs (a)(1)(ii) (B) or (C) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

(iii) Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the Contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

(iv) If the Contractor does not make payments to a trustee or other third person, the Contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

(2) Withholding. The City of Sacramento shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld from the Contractor under this contract or any other Federal contract with the same prime Contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime Contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or

working on the site of the work (or under the United States Housing Act of 1937 or under the Housing Act of 1949 in the construction or development of the project), all or part of the wages required by the contract, City of Sacramento may, after written notice to the Contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

(3) Payrolls and basic records.

(i) Payrolls and basic records relating thereto shall be maintained by the Contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1 (b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1 (b)(2)(B) of the Davis-Bacon Act, the Contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

(ii)(A) The Contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the USBR if the agency is a party to the contract, but if the agency is not such a party, the Contractor will submit the payrolls to the City of Sacramento. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime Contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the USEPA if the agency is a party to the contract, but if the agency is not such a party, the Contractor will submit them to the City of Sacramento, the Contractor, or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime Contractor to require a subcontractor to provide addresses and social security numbers to the prime Contractor for its own records, without weekly submission, or to City of Sacramento, sponsor, or owner.

(B) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(1) That the payroll for the payroll period contains the information required to be provided under Sec. 5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under Sec. 5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(2) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(3) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(C) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph (a)(3)(ii)(B) of this section.

(D) The falsification of any of the above certifications may subject the Contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

(iii) The Contractor or subcontractor shall make the records required under paragraph (a) (3) (i) of this section available for inspection, copying, or transcription by authorized representatives of the City of Sacramento or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit the required records or to make them available, the Federal agency may, after written notice to the Contractor, sponsor, applicant, or owner, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

(4) Apprentices and trainees-

(i) Apprentices. Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice. The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the Contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a Contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the Contractor's or subcontractors registered program shall be observed. Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination. In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the Contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(ii) Trainees. Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and

individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration. The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. In the event the Employment and Training Administration withdraws approval of a training program, the Contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

(iii) Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended and 29 CFR part 30.

(5) Compliance with Copeland Act requirements. The Contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

(6) Subcontracts. The Contractor or subcontractor shall insert in any subcontracts the clauses contained in 29 CFR 5.5(a)(1) through (10) and such other clauses as the (write in the name of the Federal agency) may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime Contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7) Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a Contractor and a subcontractor as provided in 29 CFR 5.12.

(8) Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

(9) Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

(10) Certification of eligibility.

(i) By entering into this contract, the Contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(ii) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

(iii) The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

Contract Work Hours and Safety Standards Act. Compliance with Section 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR part 5). The Agency Head shall cause or require the contracting officer to insert the following clauses set forth in paragraphs (b) (1), (2), (3), and (4) of this section in full in any contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by Sec. 5.5(a) or 4.6 of part 4 of this title. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

(1) Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b) (1) of this section the Contractor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such Contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b) (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b) (1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The City of Sacramento shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Contractor or subcontractor under any such contract or any other Federal contract with the same prime Contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime Contractor, such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

(4) Subcontracts. The Contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b) (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b) (1) through (4) of this section.

(c) In addition to the clauses contained in paragraph (b), in any contract subject only to the Contract Work Hours and Safety Standards Act and not to any of the other statutes cited in Sec. 5.1, the City of Sacramento shall cause or require the contracting officer to insert a clause requiring that the Contractor or subcontractor shall maintain payrolls and basic payroll records during the course of the work and shall preserve them for a period of three years from the completion of the contract for all laborers and mechanics, including guards and watchmen, working on the contract. Such records shall contain the name and address of each such employee, social security number, correct classifications, hourly rates of wages paid, daily and weekly number of hours worked, deductions made, and actual wages paid. Further, the Agency Head shall cause or require the contracting officer to insert in any such contract a clause providing that the records to be maintained under this paragraph shall be made

available by the Contractor or subcontractor for inspection, copying, or transcription by authorized representatives of the City of Sacramento and the Department of Labor, and the Contractor or subcontractor will permit such representatives to interview employees during working hours on the job."

#### **4. REPORTING REQUIREMENTS**

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- This project is subject to all Bureau of Reclamation reporting requirements, and the Contractor agrees to provide any and all information necessary to meet these reporting requirements. The Contractor agrees to respond to these information requests in a timely manner.
- The Contractor acknowledges that from time to time the City of Sacramento may receive further guidance from the Bureau of Reclamation, which may require the Contractor to provide additional reports or information relating to the Bureau of Reclamation, and the Contractor agrees to provide such additional reports or information in a timely manner.

#### **5. AUDIT, INSPECTION AND RECORDKEEPING REQUIREMENTS**

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- The Contractor agrees that the City of Sacramento and Bureau of Reclamation representatives shall have the right to access and inspect the work being performed on the project at any and all reasonable times, and that this right extends to the inspection of any portion of the project under control of the Contractor and/or any subcontractor. The Contractor further agrees to include provisions ensuring this right of access and inspection in all subcontracts.
- The Contractor agrees that the Contractor and all subcontractors shall maintain all books, records, and other documents pertinent to their work on the project in accordance with Generally Accepted Accounting Principles, and the Contractor further agrees to include provisions ensuring subcontractor compliance with this requirement in all subcontracts.
- The Contractor agrees that during performance of the project and for a period of three years after the City of Sacramento receives its final disbursement of Bureau of Reclamation funding for the project, all Contractor and subcontractor books, records, and other documents pertinent to their work on the project shall be subject to examination and audit by the City of Sacramento, Bureau of Reclamation, the Comptroller General of the United States, and the United States Office of the Inspector General, or any of their designated agents. The Contractor further agrees to include provisions ensuring subcontractor compliance with this requirement in all subcontracts.

#### **6. EEO AFFIRMATIVE ACTION PROVISIONS AND CLAUSES (EXECUTIVE ORDER 11246 AND 11375: 41 CFR PART 60-4)**

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The Contractor's attention is called to the "Equal Opportunity Clause" and the "Standard Federal Equal Employment Specifications" set forth herein.

The goals and timetables for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

	Goals for minority participation for each	Goals for female participation for each
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Time tables	trade	trade
Start Date: Date of Award	16.1%	6.9%
End Date: Date of COS Acceptance of the Work	Sacramento County	

These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally assisted)..

The Contractor's compliance with the Executive Order and the regulations in 41 CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60-4.3(a), and its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the Executive Order and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within 10 working days of award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the name, address and telephone number of the subcontractor; employer identification number of the subcontractor; estimated dollar amount of the subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the subcontract is to be performed.

As used in this Notice, and in the contract resulting from this solicitation, the "covered area" is: **The City of Sacramento, California**

During the performance of this contract, the Contractor agrees as follows:

- (1) The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.
- (2) The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex or national origin.
- (3) The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the Contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (4) The Contractor will comply with all provisions of Executive Order No. 11246 of Sept. 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (5) The Contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the Contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of Sept. 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(7) The Contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the Contractor may request the United States to enter into such litigation to protect the interests of the United States."

## **7. EEO – CERTIFICATION OF NON-SEGREGATED FACILITIES (41 CFR 60-1.8)**

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"The federally assisted construction contractor certifies that he does not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The federally assisted construction contractor certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he will not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The federally assisted construction contractor agrees that a breach of this certification is a violation of the Equal Opportunity Clause in this contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise.

The federally assisted construction contractor agrees that (except where he has obtained identical certifications from proposed subcontractors for specified time period) he will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause, and that he will retain such certifications in his files."

### **Referenced Attachment:**

- **Attachment A - Certification of Non-segregated Facilities, incorporated herein by this reference. Bidders must submit this with their bids.**

## **8. MINORITY AND WOMEN'S BUSINESS ENTERPRISES – POST AWARD REPORTING PROVISIONS**

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### **Semiannual Utilization Reporting**

In order to fulfill federal reporting requirements, the selected prime contractor must, using the **MBE/WBE Utilization Form (Attachment B)**, report to the City of Sacramento, Department of Utilities on a semiannual basis, the contractor's utilization of Minority Business Enterprise and Women's Business Enterprise subcontractor/supplier/vendors.

**Referenced Attachment, incorporated herein by this reference:**

**Attachment B - MBE/WBE Utilization Form**

## **9. CLEAN WATER ACT AND CLEAN AIR ACT PROCUREMENT PROHIBITION (EXECUTIVE ORDER 11738)**

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**The following requirements apply:**

- The Contractor certifies, by submission of this bid, that it will not procure goods, services, or materials from any entity, or otherwise utilize any facility for the construction of the project, if the entity or facility is listed on the USEPA List of Violating Facilities.
- The Contractor certifies, by submission of this bid, that it will comply with the provisions of Executive Order No. 11738, 3 C.F.R. 799 (1973), Section 306 of the Clean Air Act 42 U.S.C. 7606 (1994) and Section 508 of the Clean Water Act 33 U.S.C. 1368 (1982).
- A list of excluded parties may be found at the following website: <https://www.epls.gov/>

## **10. DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNTARY EXCLUSION (EXECUTIVE ORDER 12549)**

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- A list of excluded parties may be found at the following website: <https://www.epls.gov/>

(1) The Contractor certifies, by submission of this bid, that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal agencies;

(b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and

(d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

(2) Where the contractor is unable to certify to any of the statements in this certification, such contractor shall attach an explanation to this proposal.

**Referenced Attachment:**

- **Attachment C - Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion**, incorporated herein this reference. Bidders must submit this with their bids.

**11. LEGAL COMPLIANCE**

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The Contractor agrees that the Contractor and all subcontractors shall comply with all applicable federal and State laws, rules and regulations, permits, and all applicable local ordinances, specifically including, but not limited to, environmental, procurement and safety laws, rules, regulations, permits, and ordinances, and the Contractor further agrees to include provisions ensuring subcontractor compliance with this requirement in all subcontracts.

**12. NONDISCRIMINATION CLAUSE**

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During the performance of this Contract, Contractor and its subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical handicap, medical condition, marital status, age (over 40) or sex. Contractors and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. Contractors and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Government Code Section 12900 et seq.) and the applicable regulations promulgated thereunder (California Administrative Code, Title 2, Section 7285.0 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code, Section 12900, set forth in Chapter 5 of Division 4 of Title 2 or the California Administrative Code are incorporated into this contract by reference and made a part hereof as if set forth in full. Contractor and its subcontractor shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

This contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the contract.

**Referenced Attachment:**

- **Attachment D - Nondiscrimination Clause Certification Form**, incorporated herein by this reference. Bidders must submit this with their bids.

**13. NON-COLLUSION AFFIDAVIT  
(CALIFORNIA PUBLIC CONTRACT CODE, SECTION 7106)**

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**Referenced Attachment:**

- **Attachment E - Non-Collusion Affidavit**, incorporated herein by this reference. Bidders must submit this with their bids.

**14. RIGHTS IN DATA**  
**(Federal Acquisition Regulation Subchapter E, Subpart 27.409; Subchapter H,**  
**Subpart 52.227-17)**

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**Rights in Data—Special Works (Dec 2007)**

(a) Definitions. As used in this clause—

“Data” means recorded information, regardless of form or the media on which it may be recorded. The term includes technical data and computer software. The term does not include information incidental to Contract administration, such as financial, administrative, cost or pricing, or management information.

“Unlimited rights” means the rights of the Federal Government to use, disclose, reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, in any manner and for any purpose, and to have or permit others to do so.

(b) Allocation of Rights.

(1) The Federal Government shall have—

(i) Unlimited rights in all data delivered under this Contract, and in all data first produced in the performance of this Contract, except as provided in paragraph (c) of this clause.

(ii) The right to limit assertion of copyright in data first produced in the performance of this Contract, and to obtain assignment of copyright in that data, in accordance with paragraph (c)(1) of this clause.

(iii) The right to limit the release and use of certain data in accordance with paragraph (d) of this clause.

(2) The Contractor shall have, to the extent permission is granted in accordance with paragraph (c)(1) of this clause, the right to assert claim to copyright subsisting in data first produced in the performance of this Contract.

(c) Copyright—

(1) Data first produced in the performance of this Contract.

(i) The Contractor shall not assert or authorize others to assert any claim to copyright subsisting in any data first produced in the performance of this Contract without prior written permission of the Federal Government Contracting Officer. When copyright is asserted, the Contractor shall affix the appropriate copyright notice of 17 U.S.C. 401 or 402 and acknowledgment of Federal Government sponsorship (including Contract number) to the data when delivered to the Federal Government, as well as when the data are published or deposited for registration as a published work in the U.S. Copyright Office. The Contractor grants to the Federal Government, and others acting on its behalf, a paid-up, nonexclusive, irrevocable, worldwide license for all delivered data to reproduce, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, by or on behalf of the Federal Government.

(ii) If the Federal Government desires to obtain copyright in data first produced in the performance of this Contract and permission has not been granted as set forth in paragraph (c)(1)(i) of this clause, the Federal Government Contracting Officer shall direct the Contractor to assign (with or without

registration), or obtain the assignment of, the copyright to the Federal Government or its designated assignee.

(2) Data not first produced in the performance of this Contract. The Contractor shall not, without prior written permission of the Federal Government Contracting Officer, incorporate in data delivered under this Contract any data not first produced in the performance of this Contract and that contain the copyright notice of 17 U.S.C. 401 or 402, unless the Contractor identifies such data and grants to the Federal Government, or acquires on its behalf, a license of the same scope as set forth in paragraph (c)(1) of this clause.

(d) Release and use restrictions. Except as otherwise specifically provided for in this Contract, the Contractor shall not use, release, reproduce, distribute, or publish any data first produced in the performance of this Contract, nor authorize others to do so, without written permission of the Federal Government Contracting Officer.

(e) Indemnity. The Contractor shall indemnify the Federal Government and its officers, agents, and employees acting for the Federal Government against any liability, including costs and expenses, incurred as the result of the violation of trade secrets, copyrights, or right of privacy or publicity, arising out of the creation, delivery, publication, or use of any data furnished under this Contract; or any libelous or other unlawful matter contained in such data. The provisions of this paragraph do not apply unless the Federal Government provides notice to the Contractor as soon as practicable of any claim or suit, affords the Contractor an opportunity under applicable laws, rules, or regulations to participate in the defense of the claim or suit, and obtains the Contractor's consent to the settlement of any claim or suit other than as required by final decree of a court of competent jurisdiction; and these provisions do not apply to material furnished to the Contractor by the Federal Government and incorporated in data to which this clause applies.

## **15. ASSISTANCE AGREEMENT**

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The Contractor understands and acknowledges that this Contract is being funded with funds provided by the United States Department of Interior Bureau of Reclamation pursuant to Assistance Agreement designated as Agreement No. R12AP20029, including any amendments thereto (the "Assistance Agreement"). Contractor acknowledges that Contractor has been provided a copy of the Assistance Agreement, and Contractor agrees to comply with all applicable requirements of the Agreement, whether or not such requirements are specified in the Funding Requirements or another Contract Document.

## **16. OTHER REQUIREMENTS**

---

- Contractor and all subcontractors shall post the notice attached hereto as **Attachment F**.
- **Attachment G – Equal Employment Opportunity Certification Form**, incorporated herein by this reference. Bidders must submit this with their bids.
- **Attachment H – Lobbying Certification Form**, incorporated herein by this reference. Bidders must submit this with their bids.

## **ATTACHMENTS**

### **A - H**

**Bidders shall complete and return Attachments A, C, D, E, G and H with their bids.**

## **ATTACHMENTS**

**A - H**

**Bidders shall complete and return Attachments A, C, D, E, G and H with their bids.**

**Attachment A - CERTIFICATION OF NONSEGREGATED FACILITIES**

**PROJECT INFORMATION**

**Water System Name:**

City of Sacramento, Department of Utilities

**PARKWAY & VALLEY HI WATER METER RETROFIT:**

**Project Number:**      Z     1     4     0     1     0     0   -   7     0     

**Data Universal Numbering System (DUNS) Number:**   7     9     8     6     2     4     2     0     1  

**Principal Contact:**

Florez Brothers Inc. dba Florez Paving    Sam Florez    President

*Firm Name / Contact Name / Title*

4000 24th Street, Sacramento, CA 95822    916-452-3903    sam@florezpaving.com

*Firm Address/ Phone Number / Email Address*

**CERTIFICATION OF NONSEGREGATED FACILITIES**

The federally assisted construction contractor certifies that he does not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The federally assisted construction contractor certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he will not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The federally assisted construction contractor agrees that a breach of this certification is a violation of the Equal Opportunity Clause in this contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise.

The federally assisted construction contractor agrees that (except where he has obtained identical certifications from proposed subcontractors for specified time period) he will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause, and that he will retain such certifications in his files.

  
Signature of Authorized Representative

11/20/2013  
Date

Sam Florez, President  
Name and Title of Authorized representative (Print or Type)

Florez Brothers Inc. dba Florez Paving  
Name of Prospective Construction Contractor or Subcontractor (Print or Type)

4000 24th Street, Sacramento, CA 95822 916-452-3903  
Address and Telephone Number of Prospective Construction Contractor or Subcontractor

68-0426586  
Employer Identification Number of Prospective Construction Contractor or Subcontractor

Note: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001

## ATTACHMENT B - MBE/WBE UTILIZATION

### PART 1. (Reports are required even if no procurements are made during the reporting period.)

<b>1A. FEDERAL FISCAL YEAR</b>  2 0 _ _	<b>1B. REPORTING PERIOD</b> (Check ALL appropriate boxes) <input type="checkbox"/> 1 <sup>st</sup> (Oct-Dec) <input type="checkbox"/> 2 <sup>nd</sup> (Jan-Mar) <input type="checkbox"/> 3 <sup>rd</sup> (Apr-Jun) <input type="checkbox"/> 4 <sup>th</sup> (Jul-Sep) <input type="checkbox"/> Annual <input type="checkbox"/> Check if this is the last report for the project (Project completed).																		
<b>1C. REVISION OF A PRIOR REPORT?</b> Yes <input type="checkbox"/> No <input type="checkbox"/> Year: _____ Quarter: _____	<b>BRIEFLY DESCRIBE THE REVISIONS YOU ARE MAKING:</b>  _____																		
<b>2A. SUBMIT REPORT TO</b>  City of Sacramento Department of Utilities	<b>3A. FUNDING RECIPIENT NAME AND ADDRESS</b>  _____																		
<b>3B. FUNDING AGREEMENT NUMBER: XP-96996101</b>																			
<b>4A. TOTAL CONTRACT AMOUNT</b>  \$ _____	<b>4B. If NO procurement and NO accomplishments were made this reporting period, check and skip to Block No. 7. (Procurements are all expenditures through contract, order, purchase, lease or barter of supplies, equipment, construction, or services needed to complete Federal assistance programs. Accomplishments, in this context, are procurements made with MBE and/or WBE firms.)</b>  <input type="checkbox"/>																		
<b>4C. Total Procurement and MBE/WBE Accomplishments This Reporting Period</b> (Only include amount not reported in any prior reporting period)  Were procurements made during this reporting period? Yes <input type="checkbox"/> No <input type="checkbox"/> Total procurement made during this reporting period: Amount \$ _____ Actual MBE/WBE Accomplishment during this reporting period:																			
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 15%;"><u>Construction</u></th> <th style="width: 15%;"><u>Equipment</u></th> <th style="width: 15%;"><u>Services</u></th> <th style="width: 15%;"><u>Supplies</u></th> <th style="width: 15%;"><u>Total</u></th> </tr> </thead> <tbody> <tr> <td><b>\$MBE</b></td> <td>\$ _____</td> <td>\$ _____</td> <td>\$ _____</td> <td>\$ _____</td> <td>\$ _____</td> </tr> <tr> <td><b>\$WBE</b></td> <td>\$ _____</td> <td>\$ _____</td> <td>\$ _____</td> <td>\$ _____</td> <td>\$ _____</td> </tr> </tbody> </table>			<u>Construction</u>	<u>Equipment</u>	<u>Services</u>	<u>Supplies</u>	<u>Total</u>	<b>\$MBE</b>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____	<b>\$WBE</b>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____
	<u>Construction</u>	<u>Equipment</u>	<u>Services</u>	<u>Supplies</u>	<u>Total</u>														
<b>\$MBE</b>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____														
<b>\$WBE</b>	\$ _____	\$ _____	\$ _____	\$ _____	\$ _____														
<b>5. COMMENTS:</b> (If no MBE/WBE procurements were accomplished during the reporting period, please explain what steps you are taking to achieve MBE/WBE Accomplishments for this Contractment.)  _____																			
<b>6. NAME OF RECIPIENT'S AUTHORIZED REPRESENTATIVE</b>	<b>TITLE</b>																		
<b>8. SIGNATURE OF RECIPIENT'S AUTHORIZED REPRESENTATIVE</b>	<b>DATE</b>																		

**MBE/WBE UTILIZATION REPORT**

A. WATER SYSTEM NAME:		B. PROJ TITLE		C. FUNDING NUMBER	D. CLAIMS SUBMITTED		
					From (date):	to (date):	
1. Procurement Made by		2. Business Enterprise		3. \$ Value of Procurement	4. Date of Award	5. Type of Product or Service (Enter Code)	6. MBE/WBE Contractor or/ Subcontractor/Vendor Firm/ Contact/Address/Phone
Water System	Contractor	Minority	Women				
							FIRM CONTACT ADDR CITY/ZIP PH:
							FIRM CONTACT ADDR CITY/ZIP PH:
							FIRM CONTACT ADDR CITY/ZIP PH:
							FIRM CONTACT ADDR CITY/ZIP PH:
							FIRM CONTACT ADDR CITY/ZIP PH:
							FIRM CONTACT ADDR CITY/ZIP PH:

**Attachment C**

**PROJECT INFORMATION**

**Water System Name:**

City of Sacramento, Department of Utilities

**PARKWAY & VALLEY HI WATER METER RETROFIT:**

**Project Number:**       2     1     4     0     1     0     0   -   7     0     

**Data Universal Numbering System (DUNS) Number:**   7     9     8     6     2     4     2     0     1  

**Principal Contact:**

Florez Brothers Inc. dba Florez Paving     Sam Florez     President

*Firm Name / Contact Name / Title*

4000 24th Street, Sacramento, CA 95822     916-452-3903     sam@florezpaving.com

*Firm Address/ Phone Number/ Email Address*

**Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion  
-Prime Contractors and Subcontractors-**

(1) The contractor certifies, by submission of this proposal, that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal agencies;

(b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

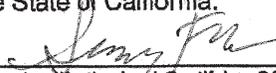
(c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and

(d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

(2) Where the contractor is unable to certify to any of the statements in this certification, such contractor shall attach an explanation to this proposal.

\*Exceptions will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted, indicate to whom it applies, initiating agency, dates of action, and the type of violation.

I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification is made under penalty of perjury under the laws of the State of California.

  
\_\_\_\_\_  
Signature/Authorized Certifying Official

Sam Florez, President  
\_\_\_\_\_  
Typed Name and Title

Florez Brothers Inc. dba Florez Paving  
\_\_\_\_\_  
Prospective Contractor/Organization  
766999

11/20/2013  
\_\_\_\_\_  
Date Signed

State Contractor License No. (if any)

Attachment D - NONDISCRIMINATION CLAUSE

**PROJECT INFORMATION**

Water System Name:  
City of Sacramento, Department of Utilities

**PARKWAY & VALLEY HI WATER METER RETROFIT:**

Project Number:   Z     1     4     0     1     0     0   -   7     0     

Data Universal Numbering System (DUNS) Number:   7     9     8     6     2     4     2     0     1  

Principal Contact:  
Florez Brothers Inc. dba Florez Paving Sam Florez President  
*Firm Name/ Contact/ Title*

4000 24th Street, Sacramento, CA 95822 916-452-3903 sam@florezpaving.com  
*Firm Address/ Phone Number/ Email Address*

**NONDISCRIMINATION CLAUSE**

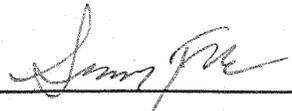
1. During the performance of this contract, contractor and its subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of race, religion, color, national origin, ancestry, physical handicap, medical condition, marital status, age (over 40) or sex. Contractors and subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. Contractors and subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Government Code Section 12900 et seq.) and the applicable regulations promulgated thereunder (California Administrative Code, Title 2, Section 7285.0 et seq.). The applicable regulations of the Fair Employment and Housing Commission implementing Government Code, Section 12900, set forth in Chapter 5 of Division 4 of Title 2 or the California Administrative Code are incorporated into this contract by reference and made a part hereof as if set forth in full. Contractor and its subcontractor shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.
2. This contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform work under the contract.

THE UNDERSIGNED CERTIFIES THAT THE CONTRACTOR WILL COMPLY WITH THE ABOVE REQUIREMENTS.

CONTRACTOR OR  
SUBCONTRACTOR NAME: Florez Brothers Inc. dba Florez Paving

CERTIFIED BY:

NAME: Sam Florez TITLE: President

SIGNATURE:  DATE: 11/20/2013

**Attachment E - NONCOLLUSION AFFIDAVIT**

**PROJECT INFORMATION**

**Water System Name:**

City of Sacramento, Department of Utilities

**PARKWAY & VALLEY HI WATER METER RETROFIT:**

**Project Number:**       Z     1     4     0     1     0     0   -   7     0     

**Data Universal Numbering System (DUNS) Number:**   7     9     8     6     2     4     2     0     1  

**Principal Contact:**

Florez Brothers Inc. dba Florez Paving     Sam Florez President

*Firm Name/ Contact Name/ Title*

4000 24th Street, Sacramento, CA 95822

916-452-3903

sam@florezpaving.com

*Firm address/ Phone Number / Email Address*

**NONCOLLUSION AFFIDAVIT**

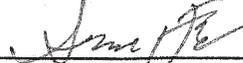
TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

State of California

County of Sacramento     ss

Sam Florez ----- ; being first duly sworn, deposes and says that he or she is

President of Florez Brothers Inc. dba Florez Paving the party making the foregoing bid, that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference, with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof the effectuate a collusive or sham bid.

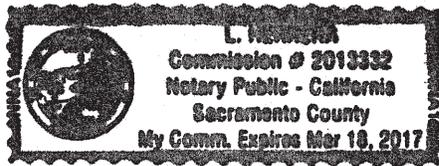
By 

Subscribed and sworn to before me on November 20, 2013

\_\_\_\_\_  
(Notary Public)     Loose notarial certificate attached. 

State of California  
County of Sacramento

Subscribed and sworn to (or affirmed) before me on this 20th  
day of November, 2013, by Sam S. Florez \_\_\_\_\_,  
proved to me on the basis of satisfactory evidence to be the  
person(s) who appeared before me.



(Seal)

Signature \_\_\_\_\_

A handwritten signature in black ink, appearing to read "Sam S. Florez", written over a horizontal line.

Attachment F

**NOTICE TO BE POSTED**

**EQUAL EMPLOYMENT OPPORTUNITY IS THE LAW – DISCRIMINATION IS  
PROHIBITED BY THE CIVIL RIGHTS ACT OF 1964 AND BY EXECUTIVE  
ORDER NO. 11246**

Title VII of the Civil Rights Act of 1964 – Administered by:

THE EQUAL EMPLOYMENT OPPORTUNITY COMMISSION

Prohibits discrimination because of Race, Color, Religion, Sex, or National Origin by Employers with 75 or more employees, by Labor Organizations with a hiring hall of 75 or more members, by Employment Agencies, and by Joint Labor-Management Committees for Apprenticeship or Training. After July 1, 1967, employers and labor organizations with 50 or more employees or members will be covered; after July 1, 1968, those with 25 or more will be covered.

ANY PERSON

Who believes he or she has been discriminated against

SHOULD CONTACT

THE EQUAL EMPLOYMENT OPPORTUNITY COMMISSION

2401 E Street NW, Washington, D.C. 20506

Executive Order No. 11246 – Administered by:

THE OFFICE OF FEDERAL CONTRACT COMPLIANCE PROGRAMS

Prohibits discrimination because of Race, Color, Religion, Sex, or National Origin, and requires affirmative action to ensure equality of opportunity in all aspects of employment.

By all Federal Government Contractors and Subcontractors, and by Contractors Performing Work Under a Federally Assisted Construction Contract, regardless of the number of employees in either case.

ANY PERSON

Who believes he or she has been discriminated against

SHOULD CONTACT

THE OFFICE OF FEDERAL CONTRACT COMPLIANCE PROGRAMS

U.S. Department of Labor, Washington, D.C. 20210

**Attachment G - Equal Employment Opportunity Certification**

**PROJECT INFORMATION**

**Water System Name:** City of Sacramento, Department of Utilities

**PARKWAY & VALLEY HI WATER METER RETROFIT:**

**Project Number:**   Z  1  4  0  1  0  0  -  7  0  

**Data Universal Numbering System (DUNS) Number:**   7  9  8  6  2  4  2  0  1  

**Principal Contact:** Florez Brothers Inc. dba Florez Paving Sam Florez President  
*Firm Name/Contact Name/Title*

4000 24th Street, Sacramento, CA 95822 916-452-3903 sam@florezpaving.com  
*Firm Address/ Phone Number/ Email Address*

(THE BIDDER'S EXECUTION ON THE SIGNATURE PORTION OF THIS PROPOSAL  
SHALL ALSO CONSTITUTE AN ENDORSEMENT AND EXECUTION OF THOSE  
CERTIFICATIONS WHICH ARE A PART OF THIS PROPOSAL)

Equal Employment Opportunity Certification  
(The Bidder must fill-in and check the appropriate blank Space)

The bidder Florez Brothers Inc. dba Florez Paving (Name), Proposed

Subcontractor \_\_\_\_\_ (Name), hereby certifies that he/she has   X  ,

Has not \_\_\_\_\_, participated in a previous contract or subcontract subject to the equal opportunity clauses, as required by executive order 10925, 11114, or 11246, and that, where required, he has filed with the Joint reporting committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Opportunity, all reports due under applicable filing requirements.

**Note:**

The above certification is required by the Equal Employment Opportunity regulations of the Secretary of Labor (42 CFR 60-1.7(b) (1)), and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set fourth in 41 CFR 60-1.5. (Generally, only contracts or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EE-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the awards of contracts and subcontracts unless such contractor submits a report covering the delinquent period of such other period specified b the Federal Highway Administration or by the director, Office of Federal Contract Compliance, U.S. Department of Labor.

**Attachment H - LOBBYING CERTIFICATION**

**PROJECT INFORMATION**

**Water System Name:** City of Sacramento, Department of Utilities

**PARKWAY & VALLEY HI WATER METER RETROFIT:**

**Project Number:**   2  1  4  0  1  0  0  -  7  0  

**Data Universal Numbering System (DUNS) Number:**   7  9  8  6  2  4  2  0  1  

**Principal Contact:** Florez Brothers Inc. dba Florez Paving Sam Florez President  
*Name and Title*

4000 24th Street, Sacramento, CA 95822 916-452-3903 sam@florezpaving.com  
*Phone Number and Email Address*

**LOBBYING CERTIFICATION**

The Undersigned certifies, to the best of his or her knowledge and belief, that:

- (1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than Federal Appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connecting with this Federal Contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The Undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, of the U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Sam Florez, President  
TYPED NAME & TITLE OF AUTHORIZED REPRESENTATIVE

  
SIGNATURE OF AUTHORIZED REPRESENTATIVE

11/20/2013  
DATE

# **Assistance Agreement**

as referenced in section 15 of ADDITIONAL FUNDING REQUIREMENTS

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION  
ASSISTANCE AGREEMENT**

1A. AGREEMENT NUMBER <b>R12AP20029</b>		1B. MOD NUMBER		2. TYPE OF AGREEMENT <input checked="" type="checkbox"/> GRANT <input type="checkbox"/> COOPERATIVE AGREEMENT		3. CLASS OF RECIPIENT <b>Special District Government (12)</b>	
4. ISSUING OFFICE U.S. Department of the Interior Bureau of Reclamation Mid-Pacific Region 2800 Cottage Way, Room E-1815 Sacramento, California 95825  Duns: 098865801    EIN: 841024566				5. RECIPIENT Sacramento Suburban Water District 3701 Marconi Avenue, Suite 100 Sacramento, California 95821  EIN #: 800002258    County: Sacramento DUNS #: 798624201    Congress. Dist: 3			
6. ADMINISTRATIVE POINT OF CONTACT Beverly S. Breen, MP-3828    Phone: (916) 978-5146 U.S. Department of the Interior Bureau of Reclamation Mid-Pacific Region 2800 Cottage Way, Room E-1815 Sacramento, California 95825 Email: <a href="mailto:bbreen@usbr.gov">bbreen@usbr.gov</a>				7. RECIPIENT PROJECT MANAGER Robert J. Swartz    Phone: (916) 967-7692 Regional Water Authority    Fax: (916) 967-7322 5620 Birdcage Street, Suite 180 Citrus Heights, California 95610 Email: <a href="mailto:rswartz@rwah2o.org">rswartz@rwah2o.org</a>			
8. GRANTS OFFICER TECHNICAL REPRESENTATIVE Peter Vonich, U.S. Department of the Interior    Phone: (916) 989-7265 Bureau of Reclamation    Fax: (916) 989-7208 Central California Area Office 7794 Folsom Dam Road Folsom, California 95630 Email: <a href="mailto:pvonich@usbr.gov">pvonich@usbr.gov</a>				9A. INITIAL AGREEMENT EFFECTIVE DATE: See Block 17a		9B. MODIFICATION EFFECTIVE DATE: N/A	
10. COMPLETION DATE <p align="center">September 30, 2014</p>							
11A. PROGRAM STATUTORY AUTHORITY <b>Water Management Improvement, Public Law 111-11, Section 9504.</b>						11B. CFDA Number <b>15.533</b>	
12 FUNDING INFORMATION		RECIPIENT OTHER		RECLAMATION		13. REQUISITION NUMBER <b>12243000027</b>	
Total Estimated Amount of Agreement		\$4,724,465.00		\$1,000,000.00		14A. ACCOUNTING AND APPROPRIATION DATA <b>N12 243000 411G 18527901 3000000</b>	
This Obligation		\$4,724,465.00		\$990,000.00			
Previous Obligation		\$0.00		\$0.00			
Total Obligation		\$4,724,465.00		\$990,000.00		14B. TREASURY ACCOUNT FUNDING SYMBOL <b>14X0680</b>	
Cost-Share %		82.5%		17.5%			
15. PROJECT TITLE AND BRIEF SUMMARY OF PURPOSE AND OBJECTIVES OF PROJECT Title: <b>Sacramento Regional Residential Water Meter Installation Project</b> Summary: <b>This project will install 4,021 residential water meters to achieve water savings estimated at 554 acre-feet per year or 11,074 acre-feet over the 20-year expected lifetime of the improvements.</b>							
16a. Acceptance of this Assistance Agreement in accordance with the terms and conditions contained herein is hereby made on behalf of the above-named recipient  BY <u>Edward H. Formosa</u> DATE <u>9/13/2012</u>				17a. Award of this Assistance Agreement in accordance with the terms and conditions contained herein is hereby made on behalf of the United States of America, Department of the Interior, Bureau of Reclamation  BY <u>M. E. Castaneda</u> DATE <u>9/21/2012</u>			
16b. NAME, TITLE, AND TELEPHONE NUMBER OF SIGNER <b>Edward H. Formosa, Asst. General Manager</b> <b>916.679.3973</b>  Additional signatures are attached				17b. NAME OF GRANTS OFFICER <b>Maria E. Castaneda</b>			

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**Grant Agreement  
Between  
Bureau of Reclamation  
And  
Sacramento Suburban Water District  
For  
Sacramento Regional Residential Water Meter Installation Project**

## **I. OVERVIEW AND SCHEDULE**

### **1. AUTHORITY**

This Grant Agreement (Agreement) is entered into between the United States of America, acting through the Department of the Interior, Bureau of Reclamation, hereinafter referred to as "Reclamation," and Sacramento Suburban Water District (SSWD), hereinafter referred to as the "Recipient" or "Grantee," pursuant to Water Management Improvement, Public Law 111-11, Section 9504. The following section, provided in full text, authorizes Reclamation to award this financial assistance agreement:

#### **Public law 111-11 SEC. 9504. WATER MANAGEMENT IMPROVEMENT**

(a) AUTHORIZATION OF GRANTS AND COOPERATIVE AGREEMENTS.—

(1) AUTHORITY OF SECRETARY.—The Secretary may provide any grant to, or enter into an agreement with, any eligible applicant to assist the eligible applicant in planning, designing, or constructing any improvement—

(A) to conserve water;

(B) to increase water use efficiency;

(C) to facilitate water markets;

(D) to enhance water management, including increasing the use of renewable energy in the management and delivery of water;

(E) to accelerate the adoption and use of advanced water treatment technologies to increase water supply;

(F) to prevent the decline of species that the United States Fish and Wildlife Service and National Marine Fisheries Service have proposed for listing under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.) (or candidate species that are being considered by those agencies for such listing but are not yet the subject of a proposed rule);

(G) to accelerate the recovery of threatened species, endangered species, and designated critical habitats that are adversely affected by Federal reclamation projects or are subject to a recovery plan or conservation plan under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.) under which the Commissioner of Reclamation has implementation responsibilities; or

(H) to carry out any other activity—

- (i) to address any climate-related impact to the water supply of the United States that increases ecological resiliency to the impacts of climate change; or
- (ii) to prevent any water-related crisis or conflict at any watershed that has a nexus to a Federal reclamation project located in a service area.

(2) APPLICATION – To be eligible to receive a grant, or enter into an agreement with the Secretary under paragraph (1), an eligible applicant shall—

- (A) be located within the States and areas referred to in the first section of the Act of June 17, 1902 (43 U.S.C. 391); and
- (B) submit to the Secretary an application that includes a proposal of the improvement or activity to be planned, designed, constructed, or implemented by the eligible applicant.

(3) REQUIREMENTS OF GRANTS AND COOPERATIVE AGREEMENTS.—

(A) COMPLIANCE WITH REQUIREMENTS - Each grant and agreement entered into by the Secretary with any eligible applicant under paragraph (1) shall be in compliance with each requirement described in subparagraphs (B) through (F).

(B) AGRICULTURAL OPERATIONS - In carrying out paragraph (1), the Secretary shall not provide a grant, or enter into an agreement, for an improvement to conserve irrigation water unless the eligible applicant agrees not—

- (i) to use any associated water savings to increase the total irrigated acreage of the eligible applicant; or
- (ii) to otherwise increase the consumptive use of water in the operation of the eligible applicant, as determined pursuant to the law of the State in which the operation of the eligible applicant is located.

(C) NONREIMBURSABLE FUNDS - Any funds provided by the Secretary to an eligible applicant through a grant or agreement under paragraph (1) shall be non-reimbursable.

(D) TITLE TO IMPROVEMENTS - If an infrastructure improvement to a federally owned facility is the subject of a grant or other agreement entered into between the Secretary and an eligible applicant under paragraph (1), the Federal Government shall continue to hold title to the facility and improvements to the facility.

(E) COST SHARING.—

(i) FEDERAL SHARE - The Federal share of the cost of any infrastructure improvement or activity that is the subject of a grant or other agreement entered into between the Secretary and an eligible applicant under paragraph (1) shall not exceed 50 percent of the cost of the infrastructure improvement or activity.

(ii) CALCULATION OF NON-FEDERAL SHARE - In calculating the non-Federal share of the cost of an infrastructure improvement or activity proposed by an eligible applicant through an application submitted by the eligible applicant under paragraph (2), the Secretary shall

(I) consider the value of any in-kind services that substantially contributes toward the completion of the improvement or activity, as determined by the Secretary; and

(II) not consider any other amount that the eligible applicant receives from a Federal agency.

(iii) MAXIMUM AMOUNT - The amount provided to an eligible applicant through a grant or other agreement under paragraph (1) shall be not more than \$5,000,000.

(iv) OPERATION AND MAINTENANCE COSTS - The non-Federal share of the cost of operating and maintaining any infrastructure improvement that is the subject of a grant or other agreement entered into between the Secretary and an eligible applicant under paragraph (1) shall be 100 percent.

(F) LIABILITY.—

(i) IN GENERAL - Except as provided under chapter 171 of title 28, United States Code (commonly known as the "Federal Tort Claims Act"), the United States shall not be liable for monetary damages of any kind for any injury arising out of an act, omission, or occurrence that arises in relation to any facility created or improved under this section, the title of which is not held by the United States.

(ii) TORT CLAIMS ACT - Nothing in this section increases the liability of the United States beyond that provided in chapter 171 of title 28, United States Code (commonly known as the "Federal Tort Claims Act").

## 2. PUBLIC PURPOSE OF SUPPORT OR STIMULATION

The project conserves water through less use, it reduces energy use by pumping less water through their distribution system, and it reduces irrigation run-off water containing pesticides, herbicides, and fertilizer from flowing into local creeks and waterways. This will indirectly benefit any endangered species of birds, amphibians, and reptiles that visit and live in the service-area, while increasing urban habitat for a large variety of wildlife.

## 3. BACKGROUND AND OBJECTIVES

The intent of this cost share grant is to promote water conservation activities by assisting SSWD in meeting various requirements of their water contract. Implementing the Best Management Practices (BMPs) is required in their federal water services contract. By issuing these rebates in this project, the SSWD will meet its contract requirements with Reclamation to conserve water and implement their BMPs. Additionally, the general public will continue to learn about Reclamation's role in promoting water conservation by developing partners such as SSWD to assist in the process. SSWD will promote our partnership in direct mailings, on their Web site, signage and through public meetings.

## 4. PERIOD OF PERFORMANCE AND FUNDS AVAILABILITY

This Agreement becomes effective on the date shown in Block 17a of Form 7-2279, United States of America, Department of the Interior, Bureau of Reclamation, Assistance Agreement. The Agreement shall remain in effect until September 30, 2014. The period of performance for this Agreement may only be modified through written modification of the Agreement by a Reclamation Grants Officer (GO).

No legal liability on the part of the Government for any payment may arise until funds are made available, in writing, to the Recipient by the Grants Officer. The total estimated amount of federal funding for this agreement is \$990,000.00 of which the initial amount of federal funds available is limited to \$990,000.00 as indicated by "this obligation" within Block 12 of Form 7-2279, United States of America, Department of the Interior, Bureau of Reclamation, Assistance Agreement. Subject to the availability of Congressional appropriations, subsequent funds will be made available for payment through written modifications to this agreement by a Reclamation Grants Officer.

## 5. SCOPE OF WORK AND MILESTONES

The project includes installation of 4,021 water meters on existing service connections. A current standard detail for a ¾-inch (in) or 1-in residential meter is shown in Attachment 1. The majority of residential customers have either a ¾-in or 1-in service, with some connections up to 2-inches. The project includes the following tasks:

**Task 1. Project Management:** The Regional Water Authority (RWA) project manager will oversee all aspects of the grant requirements on behalf of the participants to ensure they are in full compliance with funding terms. This will include coordination with Reclamation staff and ensuring that the participants complete their respective tasks as described below in compliance with applicable terms.

**Task 2. Environmental Documentation:** A categorical exemption will be prepared per California Environmental Quality Act (CEQA) requirements by each of the participants prior to commencement of the construction element of the project. Each participant will provide a detailed plan map of their respective project areas to Reclamation for completion of the appropriate level of National Environmental Policy Act (NEPA) compliance prior to any ground disturbing activities.

**Task 3. Final Design:** Each participating agency will utilize in-house staff to finalize the plans and details required for their respective project areas to go out to bid for the project. The standard meter installation detail specifications for the participating agencies are provided for reference in Attachment 1. Final design will include specifying the type of installation appropriate for a specific area (e.g., meters in sidewalk, landscaping, driveway, etc.).

**Task 4. Contractor Selection:** Upon design completion, each participant will prepare bid documents, advertise the project, solicit bids to install meters, and identify a contractor through a competitive selection process consistent with funding agreement criteria.

**Task 5. Meter Installation:** The selected contractor will install the meters on existing service connections as shown on the service area figures provided in Attachment 1 for each of the participants. Each participant will perform its own construction installation inspections.

**Task 6. Performance Reporting:** RWA staff will compile information submitted by participating agencies and prepare consolidated reports for submission to Reclamation. Specific reporting includes:

- a. prepare annual (or other frequency as specified by Reclamation) reports and reimbursement invoices of the combined participants for submission to Reclamation;
- b. preparation of the final project report at conclusion of the project;
- c. preparation of a minimum of two annual post-project reports to track expected versus actual water savings (described in Performance Measures and Project Monitoring section of the application below). Note that this is not included in the project schedule or budget, because it will extend beyond the project agreement deadline.

The project schedule described below and a detailed graphical schedule is included as Attachment 1. Project management tasks would commence immediately upon award notification and continue throughout the duration of the two-year project schedule. Upon award, all participants will provide information necessary for Reclamation to prepare a NEPA analysis and each participant will complete CEQA by December 2012.

Because of differences in when the participants will complete their installations, the final design, contractor selection and installation tasks are shown as two phases. The City of West Sacramento and Sacramento County Water Agency will complete their installations in 2013. To do this, they will complete final design by January 2013 and select a contractor by March 2013. Installations will occur between April 2013 and November 2013.

Sacramento Suburban Water District and the City of Sacramento will complete their installations in 2014. To do this, they will complete final design by November 2013 and select a contractor by January 2014. Installations will occur between February 2014 and September 2014. Semi-annual reports and invoices would begin in March 2013 and continue every six months for the duration of the project. A final project report would be prepared upon project completion in September 2014, unless otherwise specified in the funding agreement. Finally, as noted above, the participants will continue post-project monitoring beyond the project schedule, but this task was not depicted on the schedule.

There are no expected deviations from the assumed Reclamation project schedule commencing on October 1, 2012 and completing by September 30, 2014. The schedule assumes that NEPA will be completed by January 2013. This estimate is based on our experience with Reclamation on the 2009 WaterSMART ARRA Grant awarded to SSWD. That project was very similar in nature to the current proposed project. However, sufficient flexibility exists in the project to ensure that construction activities will be completed within the 24-month project duration even in the event that NEPA compliance were to take up to 6 months as was indicated in the funding opportunity announcement.

Sample specifications for residential meter installations of each of the participants are included in Attachment 1 of this application. As previously noted the participants have extensive experience with planning and design on such projects having completed nearly 50,000 residential meter installations since 2004.

## 6. RESPONSIBILITY OF THE PARTIES

### 6.1 Recipient Responsibilities

6.1.1 The Recipient shall carry out the Scope of Work in accordance with the terms and conditions stated herein. The Recipient shall adhere to Federal, state, and local laws, regulations, and codes, as applicable, and shall obtain all required approvals and permits. If the Scope of Work contains construction activities, the Recipient is responsible for construction inspection, oversight, and acceptance. If applicable, the Recipient shall also coordinate and obtain approvals from site owners and operators.

6.1.2 When making payment requests for reimbursement, the recipient shall provide documentation summarizing the total expenditures for the project and the amount requested.

### 6.2 Reclamation Responsibilities

6.2.1 Reclamation will monitor and provide federal oversight of activities performed under this Agreement. Monitoring and oversight includes review and approval of financial status and performance reports, payment requests, and any other deliverables identified as part of the Scope of Work. Additional monitoring activities may include site visits, conference calls, and other on-site and off-site monitoring activities. At the Recipient's request, Reclamation may also provide technical assistance to the Recipient in support of the Scope of Work and objectives of this Agreement.

## 7. BUDGET

7.1 **Budget Estimate.** The following is the estimated budget for this Agreement. As federal financial assistance agreements are cost-reimbursable, the budget provided is for estimation purposes only. Final costs incurred under the budget categories listed may be either higher or lower than the estimated costs. All costs incurred by the Recipient under this agreement must be in accordance with any pre-award clarifications conducted between the Recipient and Reclamation, as well as with the terms and conditions of this agreement. Final determination of the allowability, allocability, or reasonableness of costs incurred under this agreement is the responsibility of the Grants Officer. Recipients are encouraged to direct any questions regarding allowability, allocability or reasonableness of costs to the Grants Officer for review prior to incurrence of the costs in question.

### Budget Proposal and Narrative

Table A

BUDGET ITEM DESCRIPTION	COMPUTATION		TOTAL COST
	\$/Unit and Unit	Quantity	
1. SALARIES AND WAGES --Position title x hourly wage/salary x est. hours for assisted activity. Describe this information for each position.			

Agreement No. R124P20029

Project Manager	\$58/hr.	160	\$9,280.00
Project Engineer	\$50/hr.	672	\$33,600.00
Project Inspector	\$30/hr. @ 30 minutes/meter	4,021	\$60,315.00
<b>2. FRINGE BENEFITS</b> - Explain the type of fringe benefits and how are they applied to various categories of personnel.			
			\$0.00
N/A			
<b>3. TRAVEL</b> —dates; location of travel; method of travel x estimated cost; who will travel			
			\$0.00
N/A			
<b>4. EQUIPMENT</b> —Leased Equipment use rate + hourly wage/salary x est. hours for assisted activity—Describe equipment to be purchased, unit price, # of units for all equipment to be purchased or leased for assisted activity: Do not list contractor supplied equipment here.			
			\$0.00
N/A			
<b>5. SUPPLIES/MATERIALS</b> --Describe all major types of supplies/materials, unit price, # of units, etc., to be used on this assisted activity.			
Meters, meter boxes, meter lid, and meter setter.	\$536.821686/unit	4,021	\$2,158,560.00
<b>6. CONTRACTUAL/CONSTRUCTION</b> —Explain any contracts or sub-Agreements that will be awarded, why needed. Explain contractor qualifications and how the contractor will be selected.			
			\$3,452,710.00
Contractor installation of meters	\$858.669485/unit	4,021	
<b>7. ENVIRONMENTAL and REGULATORY COMPLIANCE COSTS</b> - Reference cost incurred by Reclamation or the applicant in complying with environmental regulations applicable to this Program, which include NEPA, ESA, NHPA etc.			
NEPA	\$10,000/analysis	1	\$10,000.00
<b>8. OTHER</b> -List any other cost elements necessary for your project; such as extra reporting, or contingencies in a construction contract.			
Contingency		1	
<b>TOTAL DIRECT COSTS--</b>			\$5,724,465.00
<b>9. INDIRECT COSTS</b> - What is the percentage rate % . If you do not have a Federally-approved Indirect Cost Rate Agreement or if unapproved rates are used - Explain Why.			
			\$0.00
N/A			
<b>TOTAL PROJECT/ACTIVITY COSTS</b>			\$5,724,465.00

## 7.2 Cost Sharing Requirement

Agreement No. R124P20029

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At least 50% non-federal cost-share is required for costs incurred under this Agreement. If pre-award costs are authorized, reimbursement of these costs is limited to federal cost share percentage identified in this agreement.

### 7.3 Pre-Award Incurrence of Costs

The Recipient is not authorized to incur costs prior to the award of this Agreement. Costs incurred prior to the award of this agreement are not allowable.

### 7.4 Allowable Costs (2 CFR Part §225)

Costs incurred for the performance of this Agreement must be allowable, allocable to the project, and reasonable. The following Office of Management and Budget (OMB) Circular, codified within the Code of Federal Regulations (CFR), governs the allowability of costs for Federal financial assistance:

2 CFR Part 225 (OMB Circular A-87), "Cost Principles for State, Local, and Indian Tribal Governments"

Expenditures for the performance of this Agreement must conform to the requirements within this Circular. The Recipient must maintain sufficient documentation to support these expenditures. Questions on the allowability of costs should be directed to the GO responsible for this Agreement.

The Recipient shall not incur costs or obligate funds for any purpose pertaining to operation of the program or activities beyond the expiration date stated in the Agreement. The only costs which are authorized for a period of up to 90 days following the project performance period are those strictly associated with closeout activities for preparation of the final report.

### 7.5 Changes (43 CFR §12.70).

(a) *General.* Grantees and subgrantees are permitted to rebudget within the approved direct cost budget to meet unanticipated requirements and may make limited program changes to the approved project. However, unless waived by the awarding agency, certain types of post-award changes in budgets and projects shall require the prior written approval of the awarding agency.

(b) *Relation to cost principles.* The applicable cost principles (see 43 §12.62) contain requirements for prior approval of certain types of costs. Except where waived, those requirements apply to all grants and subgrants even if paragraphs (c) through (f) of this section do not.

(c) *Budget changes.*

(1) *Nonconstruction projects.* Except as stated in other regulations or an award document, grantees or subgrantees shall obtain the prior approval of the awarding agency whenever any of the following changes is anticipated under a nonconstruction award:

(i) Any revision which would result in the need for additional funding.

(ii) Unless waived by the awarding agency, cumulative transfers among direct cost categories, or, if applicable, among separately budgeted programs, projects, functions, or activities which exceed or are expected to exceed ten percent of the current total approved budget, whenever the awarding agency's share exceeds \$100,000.

(iii) Transfer of funds allotted for training allowances (i.e., from direct payments to trainees to other expense categories).

(2) *Construction projects.* Grantees and subgrantees shall obtain prior written approval for any budget revision which would result in the need for additional funds.

(3) *Combined construction and nonconstruction projects.* When a grant or subgrant provides funding for both construction and nonconstruction activities, the grantee or subgrantee must obtain prior written approval from the awarding agency before making any fund or budget transfer from nonconstruction to construction or vice versa.

(d) *Programmatic changes.* Grantees or subgrantees must obtain the prior approval of the awarding agency whenever any of the following actions is anticipated:

(1) Any revision of the scope or objectives of the project (regardless of whether there is an associated budget revision requiring prior approval).

(2) Need to extend the period of availability of funds.

(3) Changes in key persons in cases where specified in an application or a grant award. In research projects, a change in the project director or principal investigator shall always require approval unless waived by the awarding agency.

(4) Under nonconstruction projects, contracting out, subgranting (if authorized by law) or otherwise obtaining the services of a third party to perform activities which are central to the purposes of the award, *unless included in the initial funding proposal.* This approval requirement is in addition to the approval requirements of 43 §12.76 but does not apply to the procurement of equipment, supplies, and general support services.

(e) *Additional prior approval requirements.* The awarding agency may not require prior approval for any budget revision which is not described in paragraph (c) of this section.

(f) *Requesting prior approval.*

- (1) A request for prior approval of any budget revision will be in the same budget format the grantee used in its application and shall be accompanied by a narrative justification for the proposed revision.
- (2) A request for a prior approval under the applicable Federal cost principles (see §12.62) may be made by letter.
- (3) A request by a subgrantee for prior approval will be addressed in writing to the grantee. The grantee will promptly review such request and shall approve or disapprove the request in writing. A grantee will not approve any budget or project revision which is inconsistent with the purpose or terms and conditions of the Federal grant to the grantee. If the revision, requested by the subgrantee would result in a change to the grantee's approved project which requires Federal prior approval, the grantee will obtain the Federal agency's approval before approving the subgrantee's request.

## 7.6 Modifications

Any changes to this Agreement shall be made by means of a written modification. Reclamation may make changes to the Agreement by means of a unilateral modification to address administrative matters, such as changes in address, no-cost time extensions, or the addition of previously agreed upon funding. Additionally, a unilateral modification may be utilized by Reclamation if it should become necessary to suspend or terminate the Agreement in accordance with 43 CFR 12.83.

All other changes shall be made by means of a bilateral modification to the Agreement. No oral statement made by any person, or written statement by any person other than the GO, shall be allowed in any manner or degree to modify or otherwise effect the terms of the Agreement.

All requests for modification of the Agreement shall be made in writing, provide a full description of the reason for the request, and be sent to the attention of the GO. Any request for project extension shall be made at least 45 days prior to the expiration date of the Agreement or the expiration date of any extension period that may have been previously granted. Any determination to extend the period of performance or to provide follow-on funding for continuation of a project is solely at the discretion of Reclamation.

## 8. KEY PERSONNEL

### 8.1 Recipient's Key Personnel

The Recipient's Project Manager for this Agreement shall be:

Robert J. Swartz  
Regional Water Authority  
5620 Birdcage Street, Suite 180  
Citrus Heights, California 95610  
Phone: (916) 967-7692

Agreement No. R12AP20029

Email: [rswartz@rwah2o.org](mailto:rswartz@rwah2o.org)

Changes to Key Personnel require compliance with 43 CFR 12.70(d)(3).

## 8.2 Reclamation's Key Personnel

### 8.2.1 Grants Officer (GO):

U.S. Department of the Interior  
Bureau of Reclamation  
Mid-Pacific Region  
Attn: Maria E. Castaneda  
2800 Cottage Way, Room 1815  
Sacramento, California 95825  
Phone: (916) 978-5148  
Email: [mcastaneda@usbr.gov](mailto:mcastaneda@usbr.gov)

- (a) The GO is the only official with legal delegated authority to represent Reclamation. The GO's responsibilities include, but are not limited to, the following:
- (1) Formally obligate Reclamation to expend funds or change the funding level of the Agreement;
  - (2) Approve through formal modification changes in the scope of work and/or budget;
  - (3) Approve through formal modification any increase or decrease in the period of performance of the Agreement;
  - (4) Approve through formal modification changes in any of the expressed terms, conditions, or specifications of the Agreement;
  - (5) Be responsible for the overall administration, management, and other non-programmatic aspects of the Agreement including, but not limited to, interpretation of financial assistance statutes, regulations, circulars, policies, and terms of the Agreement;
  - (6) Where applicable, ensures that Reclamation complies with the administrative requirements required by statutes, regulations, circulars, policies, and terms of the Agreement.

### 8.2.2 Grants Officer Technical Representative (GOTR):

Peter Vonich,  
U.S. Department of the Interior  
Bureau of Reclamation  
Central California Area Office

Phone: (916) 989-7265  
Fax: (916) 989-7208

7794 Folsom Dam Road  
Folsom, California 95630  
Email: [pvonich@usbr.gov](mailto:pvonich@usbr.gov)

- (a) The GOTR's authority is limited to technical and programmatic aspects of the Agreement. The GOTR's responsibilities include, but are not limited to, the following:
- (1) Assist the Recipient, as necessary, in interpreting and carrying out the scope of work in the Agreement;
  - (2) Review, and where required, approve Recipient reports and submittals as required by the Agreement;
  - (3) Where applicable, monitor the Recipient to ensure compliance with the technical requirements of the Agreement;
  - (4) Where applicable, ensure that Reclamation complies with the technical requirements of the Agreement;
- (b) The GOTR does not have the authority to and may not issue any technical assistance which:
- (1) Constitutes an assignment of additional work outside the scope of work of the Agreement;
  - (2) In any manner causes an increase or decrease in the total estimated cost or the time required for performance; or
  - (3) Changes any of the expressed terms, conditions, or specifications of the Agreement.

## 9. REPORTING REQUIREMENTS AND DISTRIBUTION

**9.1 Noncompliance.** Failure to comply with the reporting requirements contained in this Agreement may be considered a material non-compliance with the terms and conditions of the award. Non compliance may result in withholding of payments pending receipt of required reports, denying both the use of funds and matching credit for all or part of the cost of the activity or action not in compliance, whole or partial suspension or termination of the Agreement, recovery of funds paid under the Agreement, withholding of future awards, or other legal remedies in accordance with 43 CFR §12.83.

**9.2 Financial Reports.** Financial Status Reports shall be submitted by means of the SF-425 and shall be submitted according to the Report Frequency and Distribution schedule below. All financial reports shall be signed by an Authorized Certifying Official for the Recipient's organization.

**9.3 Monitoring and reporting program performance (43 CFR §12.80)**

(a) *Monitoring by grantees.* Grantees are responsible for managing the day-to-day operations of grant and subgrant supported activities. Grantees must monitor grant and subgrant supported activities to assure compliance with applicable Federal requirements and that performance goals are being achieved. Grantee monitoring must cover each program, function or activity.

(b) *Nonconstruction performance reports.* The Federal agency may, if it decides that performance information available from subsequent applications contains sufficient information to meet its programmatic needs, require the grantee to submit a performance report only upon expiration or termination of grant support. Unless waived by the Federal agency this report will be due on the same date as the final Financial Status Report.

(1) Grantees shall submit annual performance reports unless the awarding agency requires quarterly or semi-annual reports. However, performance reports will not be required more frequently than quarterly. Annual reports shall be due 90 days after the grant year, quarterly or semi-annual reports shall be due 30 days after the reporting period. The final performance report will be due 90 days after the expiration or termination of grant support. If a justified request is submitted by a grantee, the Federal agency may extend the due date for any performance report. Additionally, requirements for unnecessary performance reports may be waived by the Federal agency.

(2) Performance reports will contain, for each grant, brief information on the following:

(i) A comparison of actual accomplishments to the objectives established for the period. Where the output of the project can be quantified, a computation of the cost per unit of output may be required if that information will be useful.

(ii) The reasons for slippage if established objectives were not met.

(iii) Additional pertinent information including, when appropriate, analysis and explanation of cost overruns or high unit costs.

(3) Grantees will not be required to submit more than the original and two copies of performance reports.

(4) Grantees will adhere to the standards in this section in prescribing performance reporting requirements for subgrantees.

(c) *Construction performance reports.* For the most part, on-site technical inspections and certified percentage-of-completion data are relied on heavily by Federal agencies to monitor progress under construction grants and subgrants. The Federal agency will require additional formal performance reports only when considered necessary, and never more frequently than quarterly.

(d) *Significant developments.* Events may occur between the scheduled performance reporting dates which have significant impact upon the grant or subgrant supported activity. In such cases,

the grantee must inform the Federal agency as soon as the following types of conditions become known:

(1) Problems, delays, or adverse conditions which will materially impair the ability to meet the objective of the award. This disclosure must include a statement of the action taken, or contemplated, and any assistance needed to resolve the situation.

(2) Favorable developments which enable meeting time schedules and objectives sooner or at less cost than anticipated or producing more beneficial results than originally planned.

(e) Federal agencies may make site visits as warranted by program needs.

(f) *Waivers, extensions.*

(1) Federal agencies may waive any performance report required by this part if not needed.

(2) The grantee may waive any performance report from a subgrantee when not needed. The grantee may extend the due date for any performance report from a subgrantee if the grantee will still be able to meet its performance reporting obligations to the Federal agency.

**9.4 Report Frequency and Distribution.** The following table sets forth the reporting requirements for this Agreement. Please note the first report due date listed for each type of report.

REQUIRED REPORTS	Interim Reports	Final Report
<b>Performance Report</b>		
Format	No specific format required. See content requirements within Section 9.3 (43 CFR 12.80) above.	Summary of activities completed during the entire period of performance is required. See content requirements within Section 9.3 (43 CFR 12.80) above.
Reporting Frequency	Annual	Final Report due upon completion of Agreement's period of performance
Reporting Period	<b>Annual Reporting:</b> October 1 through September 30.	Entire period of performance
Due Date*	Within 30 days after the end of the Reporting Period	Within 90 days after the completion date of the Agreement
First Report Due Date	The first performance report is due for reporting period ending September 30, 2013	N/A
Submit to:	Admin POC and GOTR	Admin POC and GOTR
<b>Federal Financial Report</b>		
Format	SF-425 (all sections must be completed)	SF-425(all sections must be completed)
Reporting Frequency	Annual	Final Report due upon completion of Agreement's period of

Reporting Period	<b>Annual Reporting:</b> October 1 through September 30.	performance Entire period of performance
Due Date*	Within 30 days after the end of the Reporting Period	Within 90 days after the completion date of the Agreement
First Report Due Date	The first Federal financial report is due for reporting period ending September 30, 2013	N/A
Submit to:	Admin POC and GOTR	Admin POC and GOTR

\* If the completion date is prior to the end of the next reporting period, then no interim report is due for that period. Instead, the Recipient is required only to submit the final financial and performance reports, which will cover the entire period of performance including the last abbreviated reporting period.

## 10. REGULATORY COMPLIANCE

The Recipient agrees to comply or assist Reclamation with all regulatory compliance requirements and all applicable State, Federal, and local environmental and cultural and paleontological resource protection laws and regulations as applicable to this project. These may include, but are not limited to, the National Environmental Policy Act (NEPA), including the Council on Environmental Quality and Department of the Interior regulations implementing NEPA, the Clean Water Act, the Endangered Species Act, consultation with potentially affected Tribes, and consultation with the State Historic Preservation Office.

Certain environmental and other associated compliance are Federal responsibilities, and will occur as appropriate. Reclamation will identify the need for and will complete any appropriate environmental compliance requirements, as identified above, pertinent to Reclamation pursuant to activities specific to this assisted activity. Environmental and other associated compliance shall be completed prior to the start of this project. As such, notwithstanding any other provision of this Agreement, Reclamation shall not provide any funds to the Recipient for Agreement purposes, and the Recipient shall not begin implementation of the assisted activity described in this Agreement, until Reclamation provides written notice to the Recipient that all applicable environmental and regulatory compliance analyses and clearances have been completed and that the Recipient may begin implementation of the assisted activity. If the Recipient begins project activities that require environmental and other regulatory compliance approval, such as construction activities, prior to receipt of written notice from Reclamation that all such clearances have been obtained, then Reclamation reserves the right to unilaterally terminate this agreement for cause.

### 10.1. AGRICULTURAL OPERATIONS [Public Law 111-11, Section 9504(a)(3)(B)]

The Recipient shall not use any associated water savings to increase the total irrigated acreage of the Recipient or otherwise increase the consumptive use of water in the operation of the Recipient, as determined pursuant to the law of the State in which the operation of Recipient is located.

**10.2. TITLE TO IMPROVEMENTS [Public Law 111-11, Section 9504(a)(3)(D)]**

If the activities funded under this Agreement result in an infrastructure improvement to a federally owned facility, the Federal Government shall continue to hold title to the facility and improvements to the facility.

**10.3. OPERATION AND MAINTENANCE COSTS [Public Law 111-11, Section 9504(a)(3)(E)(iv.)]**

The non-Federal share of the cost of operating and maintaining any infrastructure improvement funded through this Agreement shall be 100 percent.

**10.4. LIABILITY [Public Law 111-11, Section 9504(a)(3)(F)]**

- (a) **IN GENERAL.**—Except as provided under chapter 171 of title 28, United States Code (commonly known as the “Federal Tort Claims Act”), the United States shall not be liable for monetary damages of any kind for any injury arising out of an act, omission, or occurrence that arises in relation to any facility created or improved under this Agreement, the title of which is not held by the United States.
- (b) **TORT CLAIMS ACT.**—Nothing in this section increases the liability of the United States beyond that provided in chapter 171 of title 28, United States Code (commonly known as the “Federal Tort Claims Act”).

## **II. RECLAMATION STANDARD TERMS AND CONDITIONS - STATES, LOCAL GOVERNMENTS, AND FEDERALLY RECOGNIZED INDIAN TRIBAL GOVERNMENTS**

### **1. REGULATIONS**

The regulations at 43 CFR, Part 12, Subparts A, C, E, and F, are hereby incorporated by reference as though set forth in full text. The following Office of Management and Budget (OMB) Circulars, as applicable, and as implemented by 43 CFR Part 12, are also incorporated by reference and made a part of this Agreement. Failure of a Recipient to comply with any applicable regulation or circular may be the basis for withholding payments for proper charges made by the Recipient and/or for termination of support.

**1.1** Colleges and Universities that are Recipients or sub-recipients shall use the following:

2 CFR Parts 215 and 220 (Circular A 21), "Cost Principles for Educational Institutions"

Circular A 110, as amended September 30, 1999, "Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations" (Codification by Department of Interior, 43 CFR 12, Subpart F)

Circular A-133, revised June 27, 2003, "Audits of States, Local Governments, and Non-Profit Organizations"

**1.2** State, Local and Tribal Governments that are Recipients or sub-recipients shall use the following:

2 CFR Part 225 (Circular A 87), "Cost Principles for State, Local, and Indian Tribal Governments"

Circular A 102, as amended August 29, 1997, "Grants and Cooperative Agreements with State and Local Governments" (Grants Management Common Rule, Codification by Department of Interior, 43 CFR 12, Subpart C)

Circular A-133, revised June 27, 2003, Audits of States, Local Governments, and Non-Profit Organizations"

**1.3** Nonprofit Organizations that are Recipients or sub-recipients shall use the following:

2 CFR Part 230 (Circular A 122), "Cost Principles for Non-Profit Organizations"

Circular A 110, as amended September 30, 1999, "Uniform Administrative Requirements for Grants and Agreements With Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations" (Codification by Department of Interior, 43 CFR 12, Subpart F)

Circular A-133, revised June 27, 2003, "Audits of States, Local Governments, and Non-Profit Organizations"

1.4 Organizations other than those indicated above that are Recipients or sub-recipients shall use the basic principles of OMB Circular A-110 (Codification by Department of Interior, 43 CFR 12, Subpart F), and cost principles shall be in accordance with 48 CFR Subpart 31.2.

1.5 43 CFR 12.77 sets forth further regulations that govern the award and administration of subawards by State governments.

## 2. PAYMENT

### 2.1 Payment Standards. (43 CFR §12.61)

(a) *Scope.* This section prescribes the basic standard and the methods under which a Federal agency will make payments to grantees, and grantees will make payments to subgrantees and contractors.

(b) *Basic standard.* Methods and procedures for payment shall minimize the time elapsing between the transfer of funds and disbursement by the grantee or subgrantee, in accordance with Treasury regulations at 31 CFR part 205.

(c) *Advances.* Grantees and subgrantees shall be paid in advance, provided they maintain or demonstrate the willingness and ability to maintain procedures to minimize the time elapsing between the transfer of the funds and their disbursement by the grantee or subgrantee.

(d) *Reimbursement.* Reimbursement shall be the preferred method when the requirements in paragraph (c) of this section are not met. Grantees and subgrantees may also be paid by reimbursement for any construction grant. Except as otherwise specified in regulation, Federal agencies shall not use the percentage of completion method to pay construction grants. The grantee or subgrantee may use that method to pay its construction contractor, and if it does, the awarding agency's payments to the grantee or subgrantee will be based on the grantee's or subgrantee's actual rate of disbursement.

(e) *Working capital advances.* If a grantee cannot meet the criteria for advance payments described in paragraph (c) of this section, and the Federal agency has determined that reimbursement is not feasible because the grantee lacks sufficient working capital, the awarding agency may provide cash or a working capital advance basis. Under this procedure the awarding agency shall advance cash to the grantee to cover its estimated disbursement needs for an initial period generally geared to the grantee's disbursing cycle. Thereafter, the awarding agency shall reimburse the grantee for its actual cash disbursements. The working capital advance method of

payment shall not be used by grantees or subgrantees if the reason for using such method is the unwillingness or inability of the grantee to provide timely advances to the subgrantee to meet the subgrantee's actual cash disbursements.

(f) *Effect of program income, refunds, and audit recoveries on payment.*

(1) Grantees and subgrantees shall disburse repayments to and interest earned on a revolving fund before requesting additional cash payments for the same activity.

(2) Except as provided in paragraph (f)(1) of this section, grantees and subgrantees shall disburse program income, rebates, refunds, contract settlements, audit recoveries and interest earned on such funds before requesting additional cash payments.

(g) *Withholding payments.*

(1) Unless otherwise required by Federal statute, awarding agencies shall not withhold payments for proper charges incurred by grantees or subgrantees unless—

(i) The grantee or subgrantee has failed to comply with grant award conditions, or

(ii) The grantee or subgrantee is indebted to the United States.

(2) Cash withheld for failure to comply with grant award condition, but without suspension of the grant, shall be released to the grantee upon subsequent compliance. When a grant is suspended, payment adjustments will be made in accordance with §12.83(c).

(3) A Federal agency shall not make payment to grantees for amounts that are withheld by grantees or subgrantees from payment to contractors to assure satisfactory completion of work. Payments shall be made by the Federal agency when the grantees or subgrantees actually disburse the withheld funds to the contractors or to escrow accounts established to assure satisfactory completion of work.

(h) *Cash depositories.*

(1) Consistent with the national goal of expanding the opportunities for minority business enterprises, grantees and subgrantees are encouraged to use minority banks (a bank which is owned at least 50 percent by minority group members). A list of minority owned banks can be obtained from the Minority Business Development Agency, Department of Commerce, Washington, DC 20230.

(2) A grantee or subgrantee shall maintain a separate bank account only when required by Federal-State Agreement.

(i) *Interest earned on advances.* Except for interest earned on advances of funds exempt under the Intergovernmental Cooperation Act (31 U.S.C. 6501 et seq.) and the Indian Self-Determination Act (23 U.S.C. 450), grantees and subgrantees shall promptly, but at

least quarterly, remit interest earned on advances to the Federal agency. The grantee or subgrantee may keep interest amounts up to \$100 per year for administrative expenses.

## 2.2 Payment Method

**Requesting Payments** -- Requests for advance or reimbursement may be made by the following methods:

(1) **SF-270, Request for Advance or Reimbursement** - Recipients may submit an original and properly certified SF-270 form to the GO. Requests for reimbursement may be submitted on a monthly basis or more frequently if authorized by the (GO). Recipients may not request advance payments for anticipated expenses that are greater than one month in advance of the request.

(2) **SF-271, Outlay Report and Request for Reimbursement for Construction Programs** - The SF-271 shall be used for construction Agreements paid by the reimbursement method, letter of credit, electronic funds transfer, or Treasury check advance, except where the advance is based on periodic requests from the Recipient, in which case the SF-270 shall be used. This request may be submitted on a quarterly basis, but no less frequently than on an annual basis. Recipients may submit an original, properly certified SF-271 form to the GO.

(3) **Automated Standard Application for Payments (ASAP)** - Recipients may utilize the Department of Treasury ASAP payment system to request advances or reimbursements. ASAP is a Recipient-initiated payment and information system designed to provide a single point of contact for the request and delivery of Federal funds. Recipient procedures must minimize the time elapsing between the drawdown of federal funds and the disbursement for agreement purposes.

*Recipients interested in enrolling in the ASAP system, please contact Dee Devillier at 303-445-3461 or Sheri Oren at 303-445-3448.*

## 3. PROCUREMENT STANDARDS (43 CFR §12.76)

(a) *States.* When procuring property and services under a grant, a State will follow the same policies and procedures it uses for procurements from its non-Federal funds. The State will ensure that every purchase order or other contract includes any clauses required by Federal statutes and executive orders and their implementing regulations. Other grantees and subgrantees will follow paragraphs (b) through (i) in this section.

(b) *Procurement standards.*

(1) Grantees and subgrantees will use their own procurement procedures which reflect applicable State and local laws and regulations, provided that the procurements conform to applicable Federal law and the standards identified in this section.

(2) Grantees and subgrantees will maintain a contract administration system which ensures that contractors perform in accordance with the terms, conditions, and specifications of their contracts or purchase orders.

(3) Grantees and subgrantees will maintain a written code of standards of conduct governing the performance of their employees engaged in the award and administration of contracts. No employee, officer or agent of the grantee or subgrantee shall participate in selection, or in the award or administration of a contract supported by Federal funds if a conflict of interest, real or apparent, would be involved. Such a conflict would arise when:

(i) The employee, officer or agent,

(ii) Any member of his immediate family,

(iii) His or her partner, or

(iv) An organization which employs, or is about to employ, any of the above, has a financial or other interest in the firm selected for award. The grantee's or subgrantee's officers, employees or agents will neither solicit nor accept gratuities, favors or anything of monetary value from contractors, potential contractors, or parties to subagreements. Grantee and subgrantees may set minimum rules where the financial interest is not substantial or the gift is an unsolicited item of nominal intrinsic value. To the extent permitted by State or local law or regulations, such standards or conduct will provide for penalties, sanctions, or other disciplinary actions for violations of such standards by the grantee's and subgrantee's officers, employees, or agents, or by contractors or their agents. The awarding agency may in regulation provide additional prohibitions relative to real, apparent, or potential conflicts of interest.

(4) Grantee and subgrantee procedures will provide for a review of proposed procurements to avoid purchase of unnecessary or duplicative items. Consideration should be given to consolidating or breaking out procurements to obtain a more economical purchase. Where appropriate, an analysis will be made of lease versus purchase alternatives, and any other appropriate analysis to determine the most economical approach.

(5) To foster greater economy and efficiency, grantees and subgrantees are encouraged to enter into State and local intergovernmental agreements for procurement or use of common goods and services.

(6) Grantees and subgrantees are encouraged to use Federal excess and surplus property in lieu of purchasing new equipment and property whenever such use is feasible and reduces project costs.

(7) Grantees and subgrantees are encouraged to use value engineering clauses in contracts for construction projects of sufficient size to offer reasonable opportunities for cost reductions. Value engineering is a systematic and creative analysis of each contract item or task to ensure that its essential function is provided at the overall lower cost.

(8) Grantees and subgrantees will make awards only to responsible contractors possessing the ability to perform successfully under the terms and conditions of a proposed procurement. Consideration will be given to such matters as contractor integrity, compliance with public policy, record of past performance, and financial and technical resources.

(9) Grantees and subgrantees will maintain records sufficient to detail the significant history of a procurement. These records will include, but are not necessarily limited to the following: rationale for the method of procurement, selection of contract type, contractor selection or rejection, and the basis for the contract price.

(10) Grantees and subgrantees will use time and material type contracts only—

(i) After a determination that no other contract is suitable, and

(ii) If the contract includes a ceiling price that the contractor exceeds at its own risk.

(11) Grantees and subgrantees alone will be responsible, in accordance with good administrative practice and sound business judgment, for the settlement of all contractual and administrative issues arising out of procurements. These issues include, but are not limited to source evaluation, protests, disputes, and claims. These standards do not relieve the grantee or subgrantee of any contractual responsibilities under its contracts. Federal agencies will not substitute their judgment for that of the grantee or subgrantee unless the matter is primarily a Federal concern. Violations of law will be referred to the local, State, or Federal authority having proper jurisdiction.

(12) Grantees and subgrantees will have protest procedures to handle and resolve disputes relating to their procurements and shall in all instances disclose information regarding the protest to the awarding agency. A protestor must exhaust all administrative remedies with the grantee and subgrantee before pursuing a protest with the Federal agency. Reviews of protests by the Federal agency will be limited to:

(i) Violations of Federal law or regulations and the standards of this section (violations of State or local law will be under the jurisdiction of State or local authorities) and

(ii) Violations of the grantee's or subgrantee's protest procedures for failure to review a complaint or protest. Protests received by the Federal agency other than those specified above will be referred to the grantee or subgrantee.

(c) *Competition.*

(1) All procurement transactions will be conducted in a manner providing full and open competition consistent with the standards of §12.76. Some of the situations considered to be restrictive of competition include but are not limited to:

- (i) Placing unreasonable requirements on firms in order for them to qualify to do business,
- (ii) Requiring unnecessary experience and excessive bonding,
- (iii) Noncompetitive pricing practices between firms or between affiliated companies,
- (iv) Noncompetitive awards to consultants that are on retainer contracts,
- (v) Organizational conflicts of interest,
- (vi) Specifying only a "brand name" product instead of allowing "an equal" product to be offered and describing the performance of other relevant requirements of the procurement, and
- (vii) Any arbitrary action in the procurement process.

(2) Grantees and subgrantees will conduct procurements in a manner that prohibits the use of statutorily or administratively imposed in-State or local geographical preferences in the evaluation of bids or proposals, except in those cases where applicable Federal statutes expressly mandate or encourage geographic preference. Nothing in this section preempts State licensing laws. When contracting for architectural and engineering (A/E) services, geographic location may be a selection criteria provided its application leaves an appropriate number of qualified firms, given the nature and size of the project, to compete for the contract.

(3) Grantees will have written selection procedures for procurement transactions. These procedures will ensure that all solicitations:

(i) Incorporate a clear and accurate description of the technical requirements for the material, product, or service to be procured. Such description shall not, in competitive procurements, contain features which unduly restrict competition. The description may include a statement of the qualitative nature of the material, product or service to be procured, and when necessary, shall set forth those minimum essential characteristics and standards to which it must conform if it is to satisfy its intended use. Detailed product specifications should be avoided if at all possible. When it is impractical or uneconomical to make a clear and accurate description of the technical requirements, a "brand name or equal" description may be used as a means to define the performance or other salient requirements of a procurement. The specific features of the named brand which must be met by offerors shall be clearly stated; and

(ii) Identify all requirements which the offerors must fulfill and all other factors to be used in evaluating bids or proposals.

(4) Grantees and subgrantees will ensure that all prequalified lists of persons, firms, or products which are used in acquiring goods and services are current and include enough

qualified sources to ensure maximum open and free competition. Also, grantees and subgrantees will not preclude potential bidders from qualifying during the solicitation period.

(d) *Methods of procurement to be followed* — (1) *Procurement by small purchase procedures.* Small purchase procedures are those relatively simple and informal procurement methods for securing services, supplies, or other property that do not cost more than the simplified acquisition threshold fixed at 41 U.S.C. 403(11) (currently set at \$150,000). If small purchase procedures are used, price or rate quotations shall be obtained from an adequate number of qualified sources.

(2) *Procurement by sealed bids* (formal advertising). Bids are publicly solicited and a firm-fixed-price contract (lump sum or unit price) is awarded to the responsible bidder whose bid, conforming with all the material terms and conditions of the invitation for bids, is the lowest in price. The sealed bid method is the preferred method for procuring construction, if the conditions in §12.76(d)(2)(i) apply.

(i) In order for sealed bidding to be feasible, the following conditions should be present:

(A) A complete, adequate, and realistic specification or purchase description is available;

(B) Two or more responsible bidders are willing and able to compete effectively and for the business; and

(C) The procurement lends itself to a firm fixed price contract and the selection of the successful bidder can be made principally on the basis of price.

(ii) If sealed bids are used, the following requirements apply:

(A) The invitation for bids will be publicly advertised and bids shall be solicited from an adequate number of known suppliers, providing them sufficient time prior to the date set for opening the bids;

(B) The invitation for bids, which will include any specifications and pertinent attachments, shall define the items or services in order for the bidder to properly respond;

(C) All bids will be publicly opened at the time and place prescribed in the invitation for bids;

(D) A firm fixed-price contract award will be made in writing to the lowest responsive and responsible bidder. Where specified in bidding documents, factors such as discounts, transportation cost, and life cycle costs shall be considered in determining which bid is lowest. Payment discounts will only be used to determine the low bid when prior experience indicates that such discounts are usually taken advantage of; and

(E) Any or all bids may be rejected if there is a sound documented reason.

(3) Procurement by *competitive proposals*. The technique of competitive proposals is normally conducted with more than one source submitting an offer, and either a fixed-price or cost-reimbursement type contract is awarded. It is generally used when conditions are not appropriate for the use of sealed bids. If this method is used, the following requirements apply:

(i) Requests for proposals will be publicized and identify all evaluation factors and their relative importance. Any response to publicized requests for proposals shall be honored to the maximum extent practical;

(ii) Proposals will be solicited from an adequate number of qualified sources;

(iii) Grantees and subgrantees will have a method for conducting technical evaluations of the proposals received and for selecting awardees;

(iv) Awards will be made to the responsible firm whose proposal is most advantageous to the program, with price and other factors considered; and

(v) Grantees and subgrantees may use competitive proposal procedures for qualifications-based procurement of architectural/engineering (A/E) professional services whereby competitors' qualifications are evaluated and the most qualified competitor is selected, subject to negotiation of fair and reasonable compensation. The method, where price is not used as a selection factor, can only be used in procurement of A/E professional services. It cannot be used to purchase other types of services though A/E firms are a potential source to perform the proposed effort.

(4) Procurement by *noncompetitive proposals* is procurement through solicitation of a proposal from only one source, or after solicitation of a number of sources, competition is determined inadequate.

(i) Procurement by noncompetitive proposals may be used only when the award of a contract is infeasible under small purchase procedures, sealed bids or competitive proposals and one of the following circumstances applies:

(A) The item is available only from a single source;

(B) The public exigency or emergency for the requirement will not permit a delay resulting from competitive solicitation;

(C) The awarding agency authorizes noncompetitive proposals; or

(D) After solicitation of a number of sources, competition is determined inadequate.

(ii) Cost analysis, i.e., verifying the proposed cost data, the projections of the data, and the evaluation of the specific elements of costs and profits, is required.

(iii) Grantees and subgrantees may be required to submit the proposed procurement to the awarding agency for pre-award review in accordance with paragraph (g) of this section.

(e) *Contracting with small and minority firms, women's business enterprise and labor surplus area firms.* (1) The grantee and subgrantee will take all necessary affirmative steps to assure that minority firms, women's business enterprises, and labor surplus area firms are used when possible.

(2) Affirmative steps shall include:

(i) Placing qualified small and minority businesses and women's business enterprises on solicitation lists;

(ii) Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;

(iii) Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business, and women's business enterprises;

(iv) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises;

(v) Using the services and assistance of the Small Business Administration, and the Minority Business Development Agency of the Department of Commerce; and

(vi) Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (e)(2) (i) through (v) of this section.

(f) *Contract cost and price.*

(1) Grantees and subgrantees must perform a cost or price analysis in connection with every procurement action including contract modifications. The method and degree of analysis is dependent on the facts surrounding the particular procurement situation, but as a starting point, grantees must make independent estimates before receiving bids or proposals. A cost analysis must be performed when the offeror is required to submit the elements of his estimated cost, e.g., under professional, consulting, and architectural engineering services contracts. A cost analysis will be necessary when adequate price competition is lacking, and for sole source procurements, including contract modifications or change orders, unless price reasonableness can be established on the basis of a catalog or market price of a commercial product sold in substantial quantities to the general public or based on prices set by law or regulation. A price analysis will be used in all other instances to determine the reasonableness of the proposed contract price.

(2) Grantees and subgrantees will negotiate profit as a separate element of the price for each contract in which there is no price competition and in all cases where cost analysis is performed. To establish a fair and reasonable profit, consideration will be given to the complexity of the work to be performed, the risk borne by the contractor, the contractor's investment, the amount of subcontracting, the quality of its record of past performance, and industry profit rates in the surrounding geographical area for similar work.

(3) Costs or prices based on estimated costs for contracts under grants will be allowable only to the extent that costs incurred or cost estimates included in negotiated prices are consistent with Federal cost principles (see §12.62). Grantees may reference their own cost principles that comply with the applicable Federal cost principles.

(4) The cost plus a percentage of cost and percentage of construction cost methods of contracting shall not be used.

*(g) Awarding agency review.*

(1) Grantees and subgrantees must make available, upon request of the awarding agency, technical specifications on proposed procurements where the awarding agency believes such review is needed to ensure that the item and/or service specified is the one being proposed for purchase. This review generally will take place prior to the time the specification is incorporated into a solicitation document. However, if the grantee or subgrantee desires to have the review accomplished after a solicitation has been developed, the awarding agency may still review the specifications, with such review usually limited to the technical aspects of the proposed purchase.

(2) Grantees and subgrantees must on request make available for awarding agency pre-award review procurement documents, such as requests for proposals or invitations for bids, independent cost estimates, etc. when:

(i) A grantee's or subgrantee's procurement procedures or operation fails to comply with the procurement standards in this section; or

(ii) The procurement is expected to exceed the simplified acquisition threshold and is to be awarded without competition or only one bid or offer is received in response to a solicitation; or

(iii) The procurement, which is expected to exceed the simplified acquisition threshold, specifies a "brand name" product; or

(iv) The proposed award is more than the simplified acquisition threshold and is to be awarded to other than the apparent low bidder under a sealed bid procurement; or

(v) A proposed contract modification changes the scope of a contract or increases the contract amount by more than the simplified acquisition threshold.

(3) A grantee or subgrantee will be exempt from the pre-award review in paragraph (g)(2) of this section if the awarding agency determines that its procurement systems comply with the standards of this section.

(i) A grantee or subgrantee may request that its procurement system be reviewed by the awarding agency to determine whether its system meets these standards in order for its system to be certified. Generally, these reviews shall occur where there is a continuous high-dollar funding, and third-party contracts are awarded on a regular basis.

(ii) A grantee or subgrantee may self-certify its procurement system. Such self-certification shall not limit the awarding agency's right to survey the system. Under a self-certification procedure, awarding agencies may wish to rely on written assurances from the grantee or subgrantee that it is complying with these standards. A grantee or subgrantee will cite specific procedures, regulations, standards, etc., as being in compliance with these requirements and have its system available for review.

(h) *Bonding requirements.* For construction or facility improvement contracts or subcontracts exceeding the simplified acquisition threshold, the awarding agency may accept the bonding policy and requirements of the grantee or subgrantee provided the awarding agency has made a determination that the awarding agency's interest is adequately protected. If such a determination has not been made, the minimum requirements shall be as follows:

(1) *A bid guarantee from each bidder equivalent to five percent of the bid price.* The "bid guarantee" shall consist of a firm commitment such as a bid bond, certified check, or other negotiable instrument accompanying a bid as assurance that the bidder will, upon acceptance of his bid, execute such contractual documents as may be required within the time specified.

(2) *A performance bond on the part of the contractor for 100 percent of the contract price.* A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.

(3) *A payment bond on the part of the contractor for 100 percent of the contract price.* A "payment bond" is one executed in connection with a contract to assure payment as required by law of all persons supplying labor and material in the execution of the work provided for in the contract.

(i) *Contract provisions.* A grantee's and subgrantee's contracts must contain provisions in paragraph (i) of this section. Federal agencies are permitted to require changes, remedies, changed conditions, access and records retention, suspension of work, and other clauses approved by the Office of Federal Procurement Policy.

(1) Administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as may be appropriate. (Contracts more than the simplified acquisition threshold)

- (2) Termination for cause and for convenience by the grantee or subgrantee including the manner by which it will be effected and the basis for settlement. (All contracts in excess of \$10,000)
- (3) Compliance with Executive Order 11246 of September 24, 1965, entitled "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR chapter 60). (All construction contracts awarded in excess of \$10,000 by grantees and their contractors or subgrantees)
- (4) Compliance with the Copeland "Anti-Kickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3). (All contracts and subgrants for construction or repair)
- (5) Compliance with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR Part 5). (Construction contracts in excess of \$2000 awarded by grantees and subgrantees when required by Federal grant program legislation)
- (6) Compliance with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5). (Construction contracts awarded by grantees and subgrantees in excess of \$2000, and in excess of \$2500 for other contracts which involve the employment of mechanics or laborers)
- (7) Notice of awarding agency requirements and regulations pertaining to reporting.
- (8) Notice of awarding agency requirements and regulations pertaining to patent rights with respect to any discovery or invention which arises or is developed in the course of or under such contract.
- (9) Awarding agency requirements and regulations pertaining to copyrights and rights in data.
- (10) Access by the grantee, the subgrantee, the Federal grantor agency, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.
- (11) Retention of all required records for three years after grantees or subgrantees make final payments and all other pending matters are closed.
- (12) Compliance with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR part 15). (Contracts, subcontracts, and subgrants of amounts in excess of \$100,000)

(13) Mandatory standards and policies relating to energy efficiency which are contained in the State energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).

#### 4. EQUIPMENT (43 CFR §12.72)

(a) *Title.* Subject to the obligations and conditions set forth in this section, title to equipment acquired under a grant or subgrant will vest upon acquisition in the grantee or subgrantee respectively.

(b) *States.* A State will use, manage, and dispose of equipment acquired under a grant by the State in accordance with State laws and procedures. Other grantees and subgrantees will follow paragraphs (c) through (e) of this section.

(c) *Use.*

(1) Equipment shall be used by the grantee or subgrantee in the program or project for which it was acquired as long as needed, whether or not the project or program continues to be supported by Federal funds. When no longer needed for the original program or project, the equipment may be used in other activities currently or previously supported by a Federal agency.

(2) The grantee or subgrantee shall also make equipment available for use on other projects or programs currently or previously supported by the Federal Government, providing such use will not interfere with the work on the projects or program for which it was originally acquired. First preference for other use shall be given to other programs or projects supported by the awarding agency. User fees should be considered if appropriate.

(3) Notwithstanding the encouragement in §12.65(a) to earn program income, the grantee or subgrantee must not use equipment acquired with grant funds to provide services for a fee to compete unfairly with private companies that provide equivalent services, unless specifically permitted or contemplated by Federal statute.

(4) When acquiring replacement equipment, the grantee or subgrantee may use the equipment to be replaced as a trade-in or sell the property and use the proceeds to offset the cost of the replacement property, subject to the approval of the awarding agency.

(d) *Management requirements.* Procedures for managing equipment (including replacement equipment), whether acquired in whole or in part with grant funds, until disposition takes place will, as a minimum, meet the following requirements:

(1) Property records must be maintained that include a description of the property, a serial number or other identification number, the source of property, who holds title, the acquisition date, and cost of the property, percentage of Federal participation in the cost of the property,

the location, use and condition of the property, and any ultimate disposition data including the date of disposal and sale price of the property.

(2) A physical inventory of the property must be taken and the results reconciled with the property records at least once every two years.

(3) A control system must be developed to ensure adequate safeguards to prevent loss, damage, or theft of the property. Any loss, damage, or theft shall be investigated.

(4) Adequate maintenance procedures must be developed to keep the property in good condition.

(5) If the grantee or subgrantee is authorized or required to sell the property, proper sales procedures must be established to ensure the highest possible return.

(e) *Disposition.* When original or replacement equipment acquired under a grant or subgrant is no longer needed for the original project or program or for other activities currently or previously supported by a Federal agency, disposition of the equipment will be made as follows:

(1) Items of equipment with a current per-unit fair market value of less than \$5,000 may be retained, sold or otherwise disposed of with no further obligation to the awarding agency.

(2) Items of equipment with a current per unit fair market value in excess of \$5,000 may be retained or sold and the awarding agency shall have a right to an amount calculated by multiplying the current market value or proceeds from sale by the awarding agency's share of the equipment.

(3) In cases where a grantee or subgrantee fails to take appropriate disposition actions, the awarding agency may direct the grantee or subgrantee to take excess and disposition actions.

(f) *Federal equipment.* In the event a grantee or subgrantee is provided Federally-owned equipment:

(1) Title will remain vested in the Federal Government.

(2) Grantees or subgrantees will manage the equipment in accordance with Federal agency rules and procedures, and submit an annual inventory listing.

(3) When the equipment is no longer needed, the grantee or subgrantee will request disposition instructions from the Federal agency.

(g) *Right to transfer title.* The Federal awarding agency may reserve the right to transfer title to the Federal Government or a third party named by the awarding agency when such a third party is otherwise eligible under existing statutes. Such transfers shall be subject to the following standards:

- (1) The property shall be identified in the grant or otherwise made known to the grantee in writing.
- (2) The Federal awarding agency shall issue disposition instruction within 120 calendar days after the end of the Federal support of the project for which it was acquired. If the Federal awarding agency fails to issue disposition instructions within the 120 calendar-day period the grantee shall follow 12.72(e).
- (3) When title to equipment is transferred, the grantee shall be paid an amount calculated by applying the percentage of participation in the purchase to the current fair market value of the property.

## 5. SUPPLIES (43 CFR §12.73)

- (a) *Title.* Title to supplies acquired under a grant or subgrant will vest, upon acquisition, in the grantee or subgrantee respectively.
- (b) *Disposition.* If there is a residual inventory of unused supplies exceeding \$5,000 in total aggregate fair market value upon termination or completion of the award, and if the supplies are not needed for any other Federally sponsored programs or projects, the grantee or subgrantee shall compensate the awarding agency for its share.

## 6. INSPECTION

Reclamation has the right to inspect and evaluate the work performed or being performed under this Agreement, and the premises where the work is being performed, at all reasonable times and in a manner that will not unduly delay the work. If Reclamation performs inspection or evaluation on the premises of the Recipient or a sub-Recipient, the Recipient shall furnish and shall require sub-recipients to furnish all reasonable facilities and assistance for the safe and convenient performance of these duties.

## 7. AUDIT (31 U.S.C. 7501-7507)

Non-Federal entities that expend \$500,000 or more in a year in Federal awards shall have a single or program-specific audit conducted for that year in accordance with the Single Audit Act Amendments of 1996 (31 U.S.C. 7501-7507) and revised OMB Circular A-133. Federal awards are defined as Federal financial assistance and Federal cost-reimbursement contracts that non-Federal entities receive directly from Federal awarding agencies or indirectly from pass-through entities. They do not include procurement contracts, under grants or contracts, used to buy goods or services from vendors. Non-Federal entities that expend less than \$500,000 a year in Federal awards are exempt from Federal audit requirements for that year, except as noted in A-133,

§ \_\_.215(a), but records must be available for review or audit by appropriate officials of the Federal agency, pass-through entity, and General Accounting Office (GAO).

## 8. ENFORCEMENT (43 CFR §12.83)

(a) *Remedies for noncompliance.* If a grantee or subgrantee materially fails to comply with any term of an award, whether stated in a Federal statute or regulation, an assurance, in a State plan or application, a notice of award, or elsewhere, the awarding agency may take one or more of the following actions, as appropriate in the circumstances:

- (1) Temporarily withhold cash payments pending correction of the deficiency by the grantee or subgrantee or more severe enforcement action by the awarding agency,
- (2) Disallow (that is, deny both use of funds and matching credit for) all or part of the cost of the activity or action not in compliance,
- (3) Wholly or partly suspend or terminate the current award for the grantee's or subgrantee's program,
- (4) Withhold further awards for the program, or
- (5) Take other remedies that may be legally available.

(b) *Hearings, appeals.* In taking an enforcement action, the awarding agency will provide the grantee or subgrantee an opportunity for such hearing, appeal, or other administrative proceeding to which the grantee or subgrantee is entitled under any statute or regulation applicable to the action involved.

(c) *Effects of suspension and termination.* Costs of grantee or subgrantee resulting from obligations incurred by the grantee or subgrantee during a suspension or after termination of an award are not allowable unless the awarding agency expressly authorizes them in the notice of suspension or termination or subsequently. Other grantee or subgrantee costs during suspension or after termination which are necessary and not reasonably avoidable are allowable if:

- (1) The costs result from obligations which were properly incurred by the grantee or subgrantee before the effective date of suspension or termination, are not in anticipation of it, and, in the case of a termination, are noncancellable, and,
- (2) The costs would be allowable if the award were not suspended or expired normally at the end of the funding period in which the termination takes effect.

(d) *Relationship to Debarment and Suspension.* The enforcement remedies identified in this section, including suspension and termination, do not preclude grantee or subgrantee from being subject to "Debarment and Suspension" under E.O. 12549 ((2 CFR 29.5.12 and 2 CFR 1400, Subpart C).

## **9. TERMINATION FOR CONVENIENCE (43 CFR §12.84)**

Except as provided in 43 CFR §12.83 awards may be terminated in whole or in part only as follows:

(a) By the awarding agency with the consent of the grantee or subgrantee in which case the two parties shall agree upon the termination conditions, including the effective date and in the case of partial termination, the portion to be terminated, or

(b) By the grantee or subgrantee upon written notification to the awarding agency, setting forth the reasons for such termination, the effective date, and in the case of partial termination, the portion to be terminated. However, if, in the case of a partial termination, the awarding agency determines that the remaining portion of the award will not accomplish the purposes for which the award was made, the awarding agency may terminate the award in its entirety under either §12.83 or paragraph (a) of this section.

## **10. DEBARMENT AND SUSPENSION (2 CFR §1400)**

The Department of the Interior regulations at 2 CFR 1400—Governmentwide Debarment and Suspension (Nonprocurement), which adopt the common rule for the governmentwide system of debarment and suspension for nonprocurement activities, are hereby incorporated by reference and made a part of this Agreement. By entering into this grant or cooperative Agreement with the Bureau of Reclamation, the Recipient agrees to comply with 2 CFR 1400, Subpart C, and agrees to include a similar term or condition in all lower-tier covered transactions. These regulations are available at <http://www.gpoaccess.gov/ecfr/>.

## **11. DRUG-FREE WORKPLACE (2 CFR §182 and §1401)**

The Department of the Interior regulations at 2 CFR 1401—Governmentwide Requirements for Drug-Free Workplace (Financial Assistance), which adopt the portion of the Drug-Free Workplace Act of 1988 (41 U.S.C. 701 et seq, as amended) applicable to grants and cooperative agreements, are hereby incorporated by reference and made a part of this agreement. By entering into this grant or cooperative agreement with the Bureau of Reclamation, the Recipient agrees to comply with 2 CFR 182.

## **12. ASSURANCES AND CERTIFICATIONS INCORPORATED BY REFERENCE**

The provisions of the Assurances, SF 424B or SF 424D as applicable, executed by the Recipient in connection with this Agreement shall apply with full force and effect to this Agreement. All anti-discrimination and equal opportunity statutes, regulations, and Executive Orders that apply to the expenditure of funds under Federal contracts, grants, and cooperative Agreements, loans, and other forms of Federal assistance. The Recipient shall comply with Title VI or the Civil

Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, and any program-specific statutes with anti-discrimination requirements. The Recipient shall comply with civil rights laws including, but not limited to, the Fair Housing Act, the Fair Credit Reporting Act, the Americans with Disabilities Act, Title VII of the Civil Rights Act of 1964, the Equal Educational Opportunities Act, the Age Discrimination in Employment Act, and the Uniform Relocation Act.

Such Assurances also include, but are not limited to, the promise to comply with all applicable Federal statutes and orders relating to nondiscrimination in employment, assistance, and housing; the Hatch Act; Federal wage and hour laws and regulations and work place safety standards; Federal environmental laws and regulations and the Endangered Species Act; and Federal protection of rivers and waterways and historic and archeological preservation.

### 13. COVENANT AGAINST CONTINGENT FEES

The Recipient warrants that no person or agency has been employed or retained to solicit or secure this Agreement upon an Agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide offices established and maintained by the Recipient for the purpose of securing Agreements or business. For breach or violation of this warranty, the Government shall have the right to annul this Agreement without liability or, in its discretion, to deduct from the Agreement amount, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee

### 14. TRAFFICKING VICTIMS PROTECTION ACT OF 2000 (2 CFR §175.15)

Trafficking in persons.

(a) *Provisions applicable to a recipient that is a private entity.*

(1) You as the recipient, your employees, subrecipients under this award, and subrecipients' employees may not

- (i) Engage in severe forms of trafficking in persons during the period of time that the award is in effect;
- (ii) Procure a commercial sex act during the period of time that the award is in effect; or
- (iii) Use forced labor in the performance of the award or subawards under the award.

(2) We as the Federal awarding agency may unilaterally terminate this award, without penalty, if you or a subrecipient that is a private entity —

- (i) Is determined to have violated a prohibition in paragraph a.1 of this award term; or

(ii) Has an employee who is determined by the agency official authorized to terminate the award to have violated a prohibition in paragraph a.1 of this award term through conduct that is either

(A) Associated with performance under this award; or

(B) Imputed to you or the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by our agency at 2 CFR part 1400.

(b) *Provision applicable to a recipient other than a private entity.* We as the Federal awarding agency may unilaterally terminate this award, without penalty, if a subrecipient that is a private entity—

(1) Is determined to have violated an applicable prohibition in paragraph a.1 of this award term; or

(2) Has an employee who is determined by the agency official authorized to terminate the award to have violated an applicable prohibition in paragraph a.1 of this award term through conduct that is either

(i) Associated with performance under this award; or

(ii) Imputed to the subrecipient using the standards and due process for imputing the conduct of an individual to an organization that are provided in 2 CFR part 180, "OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement)," as implemented by our agency at 2 CFR part 1400.

(c) *Provisions applicable to any recipient .*

(1) You must inform us immediately of any information you receive from any source alleging a violation of a prohibition in paragraph a.1 of this award term.

(2) Our right to terminate unilaterally that is described in paragraph a.2 or b of this section:

(i) Implements section 106(g) of the Trafficking Victims Protection Act of 2000 (TVPA), as amended (22 U.S.C. 7104(g)), and

(ii) Is in addition to all other remedies for noncompliance that are available to us under this award.

(3) You must include the requirements of paragraph a.1 of this award term in any subaward you make to a private entity.

(d) *Definitions .* For purposes of this award term:

(1) "Employee" means either:

- (i) An individual employed by you or a subrecipient who is engaged in the performance of the project or program under this award; or
- (ii) Another person engaged in the performance of the project or program under this award and not compensated by you including, but not limited to, a volunteer or individual whose services are contributed by a third party as an in-kind contribution toward cost sharing or matching requirements.

(2) "Forced labor" means labor obtained by any of the following methods: the recruitment, harboring, transportation, provision, or obtaining of a person for labor or services, through the use of force, fraud, or coercion for the purpose of subjection to involuntary servitude, peonage, debt bondage, or slavery.

(3) "Private entity":

(i) Means any entity other than a State, local government, Indian tribe, or foreign public entity, as those terms are defined in 2 CFR 175.25.

(ii) Includes:

(A) A nonprofit organization, including any nonprofit institution of higher education, hospital, or tribal organization other than one included in the definition of Indian tribe at 2 CFR 175.25(b).

(B) A for-profit organization.

(4) "Severe forms of trafficking in persons," "commercial sex act," and "coercion" have the meanings given at section 103 of the TVPA, as amended (22 U.S.C. 7102).

## 15. NEW RESTRICTIONS ON LOBBYING (43 CFR §18)

The Recipient agrees to comply with 43 CFR 18, New Restrictions on Lobbying, including the following certification:

(a) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Recipient, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, and officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(b) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying" in accordance with its instructions.

(c) The Recipient shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

**16. UNIFORM RELOCATION ASSISTANCE AND REAL PROPERTY ACQUISITION POLICIES ACT OF 1970 (URA) (42 USC § 4601 *et seq.*)**

(a) The Uniform Relocation Assistance Act (URA), 42 U.S.C. § 4601 *et seq.*, as amended, requires certain assurances for Reclamation funded land acquisition projects conducted by a Recipient that cause the displacement of persons, businesses, or farm operations. Because Reclamation funds only support acquisition of property or interests in property from willing sellers, it is not anticipated that Reclamation funds will result in any "displaced persons," as defined under the URA.

(b) However, if Reclamation funds are used for the acquisition of real property that results in displacement, the URA requires Recipients to ensure that reasonable relocation payments and other remedies will be provided to any displaced person. Further, when acquiring real property, Recipients must be guided, to the greatest extent practicable, by the land acquisition policies in 42 U.S.C. § 4651.

**(c) Exemptions to the URA and 49 CFR Part 24**

(1) The URA provides for an exemption to the appraisal, review and certification rules for those land acquisitions classified as "voluntary transactions." Such "voluntary transactions" are classified as those that do not involve an exercise of eminent domain authority on behalf of a Recipient, and must meet the conditions specified at 49 CFR § 24.101(b)(1)(i)-(iv).

- (2) For any land acquisition undertaken by a Recipient that receives Reclamation funds, but does not have authority to acquire the real property by eminent domain, to be exempt from the requirements of 49 CFR Part 24 the Recipient must:
- (i) provide written notification to the owner that it will not acquire the property in the event negotiations fail to result in an amicable agreement, and;
  - (ii) inform the owner in writing of what it believes to be the market value of the property

(d) **Review of Land Acquisition Appraisals.** Reclamation reserves the right to review any land appraisal whether or not such review is required under the URA or 49 CFR § 24.104. Such reviews may be conducted by the Department of Interior's Appraisal Services Directorate or a Reclamation authorized designee. When Reclamation determines that a review of the original appraisal is necessary, Reclamation will notify the Recipient and provide an estimated completion date of the initial appraisal review.

## 17. CENTRAL CONTRACTOR REGISTRATION AND UNIVERSAL IDENTIFIER REQUIREMENTS (2 CFR 25, APPENDIX A)

### *A. Requirement for Central Contractor Registration (CCR)*

Unless you are exempted from this requirement under 2 CFR 25.110, you as the recipient must maintain the currency of your information in the CCR until you submit the final financial report required under this award or receive the final payment, whichever is later. This requires that you review and update the information at least annually after the initial registration, and more frequently if required by changes in your information or another award term.

### *B. Requirement for Data Universal Numbering System (DUNS) Numbers*

If you are authorized to make subawards under this award, you:

1. Must notify potential subrecipients that no entity (*see* definition in paragraph C of this award term) may receive a subaward from you unless the entity has provided its DUNS number to you.
2. May not make a subaward to an entity unless the entity has provided its DUNS number to you.

### *C. Definitions*

For purposes of this award term:

1. *Central Contractor Registration (CCR)* means the Federal repository into which an entity must provide information required for the conduct of business as a recipient. Additional information about registration procedures may be found at the CCR Internet site (currently at <http://www.ccr.gov>).

2. *Data Universal Numbering System (DUNS) number* means the nine-digit number established and assigned by Dun and Bradstreet, Inc. (D&B) to uniquely identify business entities. A DUNS number may be obtained from D&B by telephone (currently 866-705-5711) or the Internet (currently at <http://fedgov.dnb.com/webform>).
3. *Entity*, as it is used in this award term, means all of the following, as defined at 2 CFR part 25, subpart C:
  - a. A Governmental organization, which is a State, local government, or Indian Tribe;
  - b. A foreign public entity;
  - c. A domestic or foreign nonprofit organization;
  - d. A domestic or foreign for-profit organization; and
  - e. A Federal agency, but only as a subrecipient under an award or subaward to a non-Federal entity.
4. *Subaward*:
  - a. This term means a legal instrument to provide support for the performance of any portion of the substantive project or program for which you received this award and that you as the recipient award to an eligible subrecipient.
  - b. The term does not include your procurement of property and services needed to carry out the project or program (for further explanation, see Sec. 11.210 of the attachment to OMB Circular A-133, "Audits of States, Local Governments, and Non-Profit Organizations").
  - c. A subaward may be provided through any legal agreement, including an agreement that you consider a contract.
5. *Subrecipient* means an entity that:
  - a. Receives a subaward from you under this award; and
  - b. Is accountable to you for the use of the Federal funds provided by the subaward.

## **18. PROHIBITION ON TEXT MESSAGING AND USING ELECTRONIC EQUIPMENT SUPPLIED BY THE GOVERNMENT WHILE DRIVING**

Executive Order 13513, *Federal Leadership On Reducing Text Messaging While Driving*, was signed by President Barack Obama on October 1, 2009 (ref: <http://edocket.access.gpo.gov/2009/pdf/E9-24203.pdf>). This Executive Order introduces a Federal Government-wide prohibition on the use of text messaging while driving on official business or while using Government-supplied equipment. Additional guidance enforcing the ban will be issued at a later date. In the meantime, please adopt and enforce policies that immediately ban text messaging while driving company-owned or rented vehicles, government-owned or leased vehicles, or while driving privately owned vehicles when on official government business or when performing any work for or on behalf of the government.

**Federal**

**Davis-Bacon**

**Rates**

**General Decision**

**CA130009**

**10/04/2013**

>

General Decision Number: CA130009 10/04/2013 CA9

Superseded General Decision Number: CA20120009

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

Counties: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Marin, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sonoma, Sutter, Tehama, Trinity, Yolo and Yuba Counties in California.

BUILDING CONSTRUCTION PROJECTS (excluding Amador County only); DREDGING CONSTRUCTION PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); AND HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/04/2013
1	01/11/2013
2	02/08/2013
3	03/01/2013
4	03/08/2013
5	03/22/2013
6	04/05/2013
7	04/12/2013
8	05/10/2013
9	05/31/2013
10	06/07/2013
11	07/05/2013
12	07/19/2013
13	08/09/2013
14	08/23/2013
15	08/30/2013
16	09/06/2013
17	09/20/2013
18	09/27/2013
19	10/04/2013

ASBE0016-001 01/01/2013

AREA 1: ALAMEDA, CONTRA COSTA, LAKE, MARIN, MENDOCINO, MONTEREY, NAPA, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, & SONOMA COUNTIES

AREA 2: ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LASSEN, MADERA, MARIPOSA, MERCED, MODOC, MONO, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN JOAQUIN, SHASTA, SIERRA, SISKIYOU, STANISLAU, SUTTER, TEHEMA, TRINITY, TULARE, TUOLUMNE, YOLO, & YUBA COUNTIES

Rates Fringes

Asbestos Workers/Insulator

(Includes the application of all insulating materials, Protective Coverings, Coatings, and Finishes to all types of mechanical systems)

Area 1.....	\$ 52.65	20.52
Area 2.....	\$ 42.45	18.47

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ASBE0016-007 01/01/2013

	Rates	Fringes
Asbestos Removal worker/hazardous material handler (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems, whether they contain asbestos or not)....	\$ 31.13	6.95

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BOIL0549-002 01/01/2013

	Rates	Fringes
BOILERMAKER		
(1) Marin & Solano Counties..	\$ 42.06	33.43
(2) Remaining Counties.....	\$ 38.37	31.32

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BRCA0003-001 06/01/2011

	Rates	Fringes
MARBLE FINISHER.....	\$ 28.02	12.22

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BRCA0003-004 05/01/2011

AREA 1: ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SUTTER, TEHAMA, YOLO AND YUBA COUNTIES

AREA 2: MARIN, NAPA, SISKIYOU, SOLANO, SONOMA AND TRINITY COUNTIES

	Rates	Fringes
BRICKLAYER		
AREA 1.....	\$ 35.11	18.99
AREA 2.....	\$ 39.85	22.00

SPECIALTY PAY:

- (A) Underground work such as tunnel work, sewer work, manholes, catch basins, sewer pipes and telephone conduit shall be paid \$1.25 per hour above the regular rate. Work in direct contact with raw sewage shall receive \$1.25 per hour in addition to the above.
- (B) Operating a saw or grinder shall receive \$1.25 per hour above the regular rate.
- (C) Gunite nozzle person shall receive \$1.25 per hour above the regular rate.

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BRCA0003-008 07/01/2013

	Rates	Fringes
TERRAZZO FINISHER.....	\$ 33.15	13.93
TERRAZZO WORKER/SETTER.....	\$ 39.95	24.39

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BRCA0003-010 01/01/2011

	Rates	Fringes
TILE FINISHER		
Area 1.....	\$ 21.21	10.01
Area 2.....	\$ 21.26	12.44
Area 3.....	\$ 21.44	12.31
Area 4.....	\$ 20.93	11.79
Tile Layer		
Area 1.....	\$ 36.08	11.95
Area 2.....	\$ 34.41	13.68
Area 3.....	\$ 38.61	13.73
Area 4.....	\$ 35.45	13.68

AREA 1: Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Sutter, Tehema, Yolo, Yuba  
 AREA 2: Alpine, Amador  
 AREA 3: Marin, Napa, Solano, Siskiyou  
 AREA 4: Sonoma

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BRCA0003-014 06/01/2011

	Rates	Fringes
MARBLE MASON.....	\$ 39.22	18.68

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CARP0034-001 07/01/2013

	Rates	Fringes
Diver		
Assistant Tender, ROV		
Tender/Technician.....	\$ 39.60	29.78
Diver standby.....	\$ 43.38	29.78
Diver Tender.....	\$ 42.38	29.78
Diver wet.....	\$ 85.91	29.78
Manifold Operator (mixed gas).....	\$ 47.38	29.78
Manifold Operator (Standby).....	\$ 42.38	29.78

DEPTH PAY (Surface Diving):  
 050 to 100 ft \$2.00 per foot  
 101 to 150 ft \$3.00 per foot  
 151 to 220 ft \$4.00 per foot

SATURATION DIVING:  
 The standby rate shall apply until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. The diver rate shall be paid for all saturation hours.

DIVING IN ENCLOSURES:

Where it is necessary for Divers to enter pipes or tunnels, or other enclosures where there is no vertical ascent, the following premium shall be paid: Distance traveled from entrance 26 feet to 300 feet: \$1.00 per foot. When it is necessary for a diver to enter any pipe, tunnel or other enclosure less than 48" in height, the premium will be \$1.00 per foot.

WORK IN COMBINATION OF CLASSIFICATIONS:

Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

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 CARP0034-003 07/01/2013

	Rates	Fringes
Piledriver.....	\$ 38.60	29.78

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 CARP0035-001 08/01/2013

AREA 1: MARIN, NAPA, SOLANO & SONOMA

AREA 3: SACRAMENTO, WESTERN EL DORADO (Territory west of an including highway 49 and the territory inside the city limits of Placerville), WESTERN PLACER (Territory west of and including highway 49), & YOLO

AREA 4: ALPINE, BUTTE, COLUSA, EASTERN EL DORADO, GLENN, LASSEN, MODOC, NEVADA, EASTERN PLACER, PLUMAS, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, & YUBA

	Rates	Fringes
Drywall Installers/Lathers:		
Area 1.....	\$ 39.35	27.02
Area 3.....	\$ 33.97	27.02
Area 4.....	\$ 32.62	27.02
Drywall Stocker/Scraper		
Area 1.....	\$ 19.68	15.65
Area 3.....	\$ 16.99	15.65
Area 4.....	\$ 16.31	15.65

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 CARP0035-009 07/01/2013

Marin County

	Rates	Fringes
CARPENTER		
Bridge Builder/Highway		
Carpenter.....	\$ 39.35	26.58
Hardwood Floorlayer,		
Shingler, Power Saw		
Operator, Steel Scaffold &		
Steel Shoring Erector, Saw		
Filer.....	\$ 39.50	26.58
Journeyman Carpenter.....	\$ 39.35	26.58

Millwright.....\$ 39.45                   28.17

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 CARP0035-010 07/01/2013

AREA 1: Marin, Napa, Solano & Sonoma Counties

AREA 2: Alpine, San Benito and Santa Cruz

AREA 3: Alpine, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc,  
 Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou,  
 Sutter, Tehama, Trinity, Yolo & Yuba counties

	Rates	Fringes
Modular Furniture Installer		
Area 1		
Installer I.....	\$ 22.96	17.52
Installer II.....	\$ 19.53	17.52
Lead Installer.....	\$ 26.41	18.02
Master Installer.....	\$ 30.63	18.02
Area 2		
Installer I.....	\$ 20.31	17.52
Installer II.....	\$ 17.36	17.52
Lead Installer.....	\$ 23.28	18.02
Master Installer.....	\$ 26.91	18.02
Area 3		
Installer I.....	\$ 19.36	17.52
Installer II.....	\$ 16.59	17.52
Lead Installer.....	\$ 22.16	18.02
Master Installer.....	\$ 25.58	18.02

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 CARP0046-001 07/01/2013

El Dorado (West), Placer (West), Sacramento and Yolo Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 39.35	26.58
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 33.62	26.58
Journeyman Carpenter.....	\$ 33.47	26.58
Millwright.....	\$ 35.97	28.17

Footnote: Placer County (West) includes territory West of and  
 including Highway 49 and El Dorado County (West) includes  
 territory West of and including Highway 49 and territory  
 inside the city limits of Placerville.

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 CARP0046-002 07/01/2013

Alpine, Colusa, El Dorado (East), Nevada, Placer (East),  
 Sierra, Sutter and Yuba Counties

	Rates	Fringes
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Carpenters

Bridge Builder/Highway Carpenter.....	\$ 39.35	26.58
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 32.27	26.58
Journeyman Carpenter.....	\$ 32.12	26.58
Millwright.....	\$ 34.62	28.17

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CARP0152-003 07/01/2013

Amador County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 39.35	26.58
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 32.27	26.58
Journeyman Carpenter.....	\$ 32.12	26.58
Millwright.....	\$ 34.62	28.17

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CARP0180-001 07/01/2013

Solano County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 39.35	26.58
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 39.50	26.58
Journeyman Carpenter.....	\$ 39.35	26.58
Millwright.....	\$ 39.45	28.17

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CARP0751-001 07/01/2013

Napa and Sonoma Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 39.35	26.58
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 39.50	26.58
Journeyman Carpenter.....	\$ 39.35	26.58
Millwright.....	\$ 39.45	28.17

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CARP1599-001 07/01/2013

Butte, Glenn, Lassen, Modoc, Plumas, Shasta, Siskiyou, Tehama and Trinity Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 39.35	26.58
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 32.27	26.58
Journeyman Carpenter.....	\$ 32.12	26.58
Millwright.....	\$ 34.62	28.17

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ELEC0180-001 06/01/2013

NAPA AND SOLANO COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 49.29	21.609
ELECTRICIAN.....	\$ 43.81	21.444

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ELEC0180-003 12/01/2012

NAPA AND SOLANO COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 30.62	3%+14.45
Technician.....	\$ 34.86	3%+14.45

SCOPE OF WORK INCLUDES-

SOUND & VOICE TRANSMISSION (Music, Intercom, Nurse Call, Telephone); FIRE ALARM SYSTEMS [excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs], TELEVISION & VIDEO SYSTEMS, SECURITY SYSTEMS, COMMUNICATIONS SYSTEMS that transmit or receive information and/or control systems that are intrinsic to the above.

EXCLUDES-

Excludes all other data systems or multiple systems which include control function or power supply; excludes installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excludes energy management systems.

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ELEC0340-002 12/01/2012

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, NEVADA, PLACER, PLUMAS, SACRAMENTO, TRINITY, YOLO, YUBA COUNTIES

	Rates	Fringes
Communications System		
Sound & Communications		
Installer.....	\$ 24.38	3%+12.05
Sound & Communications		
Technician.....	\$ 28.04	3%+12.05

SCOPE OF WORK

Includes the installation testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for the following TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms, and low voltage master clock systems.

A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS

Background foreground music Intercom and telephone interconnect systems, Telephone systems, Nurse call systems, Radio page systems, School intercom and sound systems, Burglar alarm systems, Low voltage master clock systems, Multi-media/multiplex systems, Sound and musical entertainment systems, RF systems, Antennas and Wave Guide.

B. FIRE ALARM SYSTEMS

Installation, wire pulling and testing

C. TELEVISION AND VIDEO SYSTEMS      Television monitoring and surveillance systems, Video security systems, Video entertainment systems, Video educational systems, Microwave transmission systems, CATV and CCTV

D. SECURITY SYSTEMS      Perimeter security systems  
 Vibration sensor systems      Card access systems      Access control systems      Sonar/infrared monitoring equipment

E. COMMUNICATIONS SYSTEMS THAT TRANSMIT OR RECEIVE INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO THE ABOVE LISTED SYSTEMS      SCADA (Supervisory Control and Data Acquisition)      PCM (Pulse Code Modulation)

Inventory Control Systems      Digital Data Systems  
 Broadband and Baseband and Carriers      Point of Sale Systems      VSAT Data Systems      Data Communication Systems      RF and Remote Control Systems      Fiber Optic

Data Systems WORK EXCLUDED Raceway systems are not covered (excluding Ladder-Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 feet) may be installed on open wiring systems. Energy management systems. SCADA (Supervisory Control and Data Acquisition) when not intrinsic to the above listed systems (in the scope). Fire alarm systems when installed in raceways (including wire and cable pulling) shall be performed at the electrician wage rate, when either of the following two (2) conditions apply:

1. The project involves new or major remodel building trades construction.
2. The conductors for the fire alarm system are installed in conduit.

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 ELECO340-003 12/01/2012

ALPINE (West of Sierra Mt. Watershed), AMADOR, BUTTE, COLUSA,  
 EL DORADO (West of Sierra Mt. Watershed), GLENN, LASSEN, NEVADA  
 (West of Sierra Mt. Watershed), PLACER, PLUMAS, SACRAMENTO,  
 SHASTA, SIERRA (West of Sierra Mt. Watershed), SUTTER, TEHAMA,  
 TRINITY, YOLO & YUBA COUNTIES

	Rates	Fringes
ELECTRICIAN		
Remaining area.....	\$ 38.93	18.29
Sierra Army Depot, Herlong..	\$ 48.66	3%+13.25
Tunnel work.....	\$ 40.88	3%+13.25

CABLE SPLICER: Receives 110% of the Electrician basic hourly rate.

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 \* ELECO401-005 07/01/2013

ALPINE (east of the main watershed divide), EL DORADO (east of the main watershed divide), NEVADA (east of the main watershed), PLACER (east of the main watershed divide) and SIERRA (east of the main watershed divide) COUNTIES:

	Rates	Fringes
ELECTRICIAN.....	\$ 37.00	14.62

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 \* ELECO551-004 06/01/2013

MARIN AND SONOMA COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 46.70	15.21

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 ELECO551-005 12/01/2012

MARIN & SONOMA COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 30.62	15.37
Technician.....	\$ 34.86	15.50

SCOPE OF WORK INCLUDES-

SOUND & VOICE TRANSMISSION (Music, Intercom, Nurse Call, Telephone); FIRE ALARM SYSTEMS [excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs], TELEVISION & VIDEO SYSTEMS, SECURITY SYSTEMS, COMMUNICATIONS SYSTEMS that transmit or receive information and/or control systems that are intrinsic to the above.

EXCLUDES-

Excludes all other data systems or multiple systems which include control function or power supply; excludes installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excludes energy management systems.

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 ELEC0659-006 01/01/2012

DEL NORTE, MODOC and SISKIYOU COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 30.02	14.45

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 ELEC0659-008 02/01/2013

DEL NORTE, MODOC & SISKIYOU COUNTIES

	Rates	Fringes
Line Construction		
(1) Cable Splicer.....	\$ 51.09	4%+13.30
(2) Lineman, Pole Sprayer, Heavy Line Equipment Man....	\$ 45.62	4%+13.30
(3) Tree Trimmer.....	\$ 32.07	4%+9.80
(4) Line Equipment Man.....	\$ 45.62	4%+9.80
(5) Powdermen, Jackhammermen.....	\$ 34.22	4%+9.80
(6) Groundman.....	\$ 31.31	4%+9.80

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 ELEC1245-004 06/01/2012

ALL COUNTIES EXCEPT DEL NORTE, MODOC & SISKIYOU

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer..	\$ 48.95	14.05
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....	\$ 39.09	12.97
(3) Groundman.....	\$ 29.91	12.70
(4) Powderman.....	\$ 43.71	13.15

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day,  
 Independence Day, Labor Day, Veterans Day, Thanksgiving Day  
 and day after Thanksgiving, Christmas Day

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 ELEV0008-001 01/01/2013

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 58.07	25.185

FOOTNOTE:

PAID VACATION: Employer contributes 8% of regular hourly rate as vacation pay credit for employees with more than 5 years of service, and 6% for 6 months to 5 years of service.  
 PAID HOLIDAYS: New Years Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Friday after Thanksgiving, and Christmas Day.

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 ENGI0003-008 07/01/2012

	Rates	Fringes
Dredging: (DREDGING; CLAMSHELL & DIPPER DREDGING; HYDRAULIC SUCTION DREDGING:)		
AREA 1:		
(1) Leverman.....	\$ 39.68	25.69
(2) Dredge Dozer; Heavy duty repairman.....	\$ 34.72	25.69
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator.....	\$ 33.60	25.69
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler..	\$ 30.30	25.69
AREA 2:		
(1) Leverman.....	\$ 41.68	25.69
(2) Dredge Dozer; Heavy duty repairman.....	\$ 36.72	25.69
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator.....	\$ 35.60	25.69
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler..	\$ 32.30	25.69

AREA DESCRIPTIONS

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED,  
 NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN,  
 SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS,  
 SUTTER, YOLO, AND YUBA COUNTIES

AREA 2: MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2  
 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part  
 Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Remainder  
 Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part  
 Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part  
Area 2: Remainder

FRESNO COUNTY:

Area 1: Remainder  
Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part  
Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border  
with Shasta County  
Area 2: Remainder

MADERA COUNTY:

Area 1: Except Eastern part  
Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Except Eastern part  
Area 2: Eastern part

MONTERREY COUNTY

Area 1: Except Southwestern part  
Area 2: Southwestern part

NEVADA COUNTY:

Area 1: All but the Northern portion along the border of  
Sierra County  
Area 2: Remainder

PLACER COUNTY:

Area 1: All but the Central portion  
Area 2: Remainder

PLUMAS COUNTY:

Area 1: Western portion  
Area 2: Remainder

SHASTA COUNTY:

Area 1: All but the Northeastern corner  
Area 2: Remainder

SIERRA COUNTY:

Area 1: Western part  
Area 2: Remainder

SISKIYOU COUNTY:

Area 1: Central part  
Area 2: Remainder

SONOMA COUNTY:

Area 1: All but the Northwestern corner  
Area 2: Remainder

TEHAMA COUNTY:

Area 1: All but the Western border with Mendocino & Trinity  
Counties  
Area 2: Remainder

TRINITY COUNTY:

Area 1: East Central part and the Northeastern border with Shasta County  
 Area 2: Remainder

TUOLUMNE COUNTY:

Area 1: Except Eastern part  
 Area 2: Eastern part

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 \* ENGI0003-018 07/01/2013

"AREA 1" WAGE RATES ARE LISTED BELOW

"AREA 2" RECEIVES AN ADDITIONAL \$2.00 PER HOUR ABOVE AREA 1 RATES.

SEE AREA DEFINITIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (AREA 1:)		
GROUP 1.....	\$ 39.02	26.27
GROUP 2.....	\$ 37.49	26.27
GROUP 3.....	\$ 36.01	26.27
GROUP 4.....	\$ 34.63	26.27
GROUP 5.....	\$ 33.36	26.27
GROUP 6.....	\$ 32.04	26.27
GROUP 7.....	\$ 30.90	26.27
GROUP 8.....	\$ 29.76	26.27
GROUP 8-A.....	\$ 27.55	26.27
OPERATOR: Power Equipment (Cranes and Attachments - AREA 1:)		
GROUP 1		
Cranes.....	\$ 39.90	26.27
Oiler.....	\$ 32.93	26.27
Truck crane oiler.....	\$ 36.50	26.27
GROUP 2		
Cranes.....	\$ 32.67	26.27
Oiler.....	\$ 32.67	26.27
Truck crane oiler.....	\$ 36.21	26.27
GROUP 3		
Cranes.....	\$ 36.40	26.27
Hydraulic.....	\$ 32.04	26.27
Oiler.....	\$ 32.43	26.27
Truck Crane Oiler.....	\$ 35.94	26.27
OPERATOR: Power Equipment (Piledriving - AREA 1:)		
GROUP 1		
Lifting devices.....	\$ 40.24	26.27
Oiler.....	\$ 30.98	26.27
Truck crane oiler.....	\$ 33.26	26.27
GROUP 2		
Lifting devices.....	\$ 38.42	26.27
Oiler.....	\$ 30.71	26.27
Truck Crane Oiler.....	\$ 33.01	26.27
GROUP 3		
Lifting devices.....	\$ 36.74	26.27
Oiler.....	\$ 30.49	26.27
Truck Crane Oiler.....	\$ 32.72	26.27

GROUP 4		
Lifting devices.....	\$ 34.97	26.27
GROUP 5		
Lifting devices.....	\$ 33.67	26.27
GROUP 6		
Lifting devices.....	\$ 32.33	26.27
OPERATOR: Power Equipment (Steel Erection - AREA 1:)		
GROUP 1		
Cranes.....	\$ 40.87	26.27
Oiler.....	\$ 31.32	26.27
Truck Crane Oiler.....	\$ 33.55	26.27
GROUP 2		
Cranes.....	\$ 39.10	26.27
Oiler.....	\$ 31.05	26.27
Truck Crane Oiler.....	\$ 33.33	26.27
GROUP 3		
Cranes.....	\$ 37.62	26.27
Hydraulic.....	\$ 32.67	26.27
Oiler.....	\$ 30.83	26.27
Truck Crane Oiler.....	\$ 33.06	26.27
GROUP 4		
Cranes.....	\$ 35.60	26.27
GROUP 5		
Cranes.....	\$ 34.30	26.27
OPERATOR: Power Equipment (Tunnel and Underground Work - AREA 1:)		
SHAFTS, STOPES, RAISES:		
GROUP 1.....	\$ 35.12	26.27
GROUP 1-A.....	\$ 37.59	26.27
GROUP 2.....	\$ 33.86	26.27
GROUP 3.....	\$ 32.53	26.27
GROUP 4.....	\$ 31.39	26.27
GROUP 5.....	\$ 30.25	26.27
UNDERGROUND:		
GROUP 1.....	\$ 35.02	26.27
GROUP 1-A.....	\$ 37.49	26.27
GROUP 2.....	\$ 33.76	26.27
GROUP 3.....	\$ 32.43	26.27
GROUP 4.....	\$ 31.29	26.27
GROUP 5.....	\$ 30.15	26.27

FOOTNOTE: Work suspended by ropes or cables, or work on a Yo-Yo Cat: \$.60 per hour additional.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Licensed construction work boat operator, on site; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine assistant to engineer or mechanic; Crane mounted continuous flight tie back machine, tonnage to

apply; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Long reach excavator; Multiple engine scraper (when used as push pull); Power shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572 or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull-type elevating loader; Gradesetter, grade checker (GPS, mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber-tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Spider plow and spider puller; Tubex pile rig; Unlicensed construction work boat operator, on site; Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt; Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller; Trenching machine, maximum digging capacity over 5 ft. depth; Vermeer T-600B rock cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom-type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines

only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self-propelled pipeline wrapping machine; Tractor; Self-loading chipper; Concrete barrier moving machine

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Truck-mounted rotating telescopic boom type lifting device, Manitex or similar (boom truck) - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical trench shield; Pavement breaker with or without compressor combination); Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip Seal; Self-propelled automatically applied concrete curing machine (on streets, highways, airports and canals); Self-propelled compactor (without dozer); Signalperson; Slip-form pumps (lifting device for concrete forms); Tie spacer; Tower mobile; Trenching machine, maximum digging capacity up to and including 5 ft. depth; Truck-type loader

GROUP 8: Bit sharpener; Boiler tender; Box operator; Brakeperson; Combination mixer and compressor (shotcrete/gunite); Compressor operator; Deckhand; Fire tender; Forklift (under 20 ft.); Generator; Gunite/shotcrete equipment operator; Hydraulic monitor; Ken seal machine (or similar); Mixermobile; Oiler; Pump operator; Refrigeration plant; Reservoir-debris tug (self-propelled floating); Ross Carrier (construction site); Rotomist operator; Self-propelled tape machine; Shuttlecar; Self-propelled power sweeper operator (includes vacuum sweeper); Slusher operator; Surface heater; Switchperson; Tar pot firetender; Tugger hoist, single drum; Vacuum cooling plant; Welding machine (powered other than by electricity)

GROUP 8-A: Elevator operator; Skidsteer loader-Bobcat 743 series or smaller, and similar (without attachments); Mini excavator under 25 H.P. (backhoe-trencher); Tub grinder wood chipper

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#### ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and dragline over 7 cu. yds.; Crane, over 100 tons; Derrick, over 100 tons; Derrick barge pedestal-mounted, over 100 tons; Self-propelled boom-type lifting device, over 100 tons

GROUP 2: Clamshell and dragline over 1 cu. yd. up to and including 7 cu. yds.; Crane, over 45 tons up to and including 100 tons; Derrick barge, 100 tons and under; Self-propelled boom-type lifting device, over 45 tons; Tower crane

GROUP 3: Clamshell and dragline up to and including 1 cu. yd.; Cranes 45 tons and under; Self-propelled boom-type lifting device 45 tons and under; Boom Truck or dual

purpose A-frame truck, non-rotating over 15 tons;  
Truck-mounted rotating telescopic boom type lifting device,  
Manitex or similar (boom truck) over 15 tons;

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PILEDRIVERS

GROUP 1: Derrick barge pedestal mounted over 100 tons;  
Clamshell over 7 cu. yds.; Self-propelled boom-type lifting  
device over 100 tons; Truck crane or crawler, land or barge  
mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and  
including 100 tons; Clamshell up to and including 7 cu.  
yds.; Self-propelled boom-type lifting device over 45 tons;  
Truck crane or crawler, land or barge mounted, over 45 tons  
up to and including 100 tons; Fundex F-12 hydraulic pile rig

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-  
propelled boom-type lifting device 45 tons and under;  
Skid/scow piledriver, any tonnage; Truck crane or crawler,  
land or barge mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer;  
Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

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STEEL ERECTORS

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-  
propelled boom-type lifting device over 100 tons

GROUP 2: Crane over 45 tons to 100 tons; Derrick under 100  
tons; Self-propelled boom-type lifting device over 45 tons  
to 100 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type  
lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty  
repair person/welder

GROUP 5: Boom cat

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TUNNEL AND UNDERGROUND WORK

GROUP 1-A: Tunnel bore machine operator, 20' diameter or more

GROUP 1: Heading shield operator; Heavy-duty repairperson;  
Mucking machine (rubber tired, rail or track type); Raised  
bore operator (tunnels); Tunnel mole bore operator

GROUP 2: Combination slusher and motor operator; Concrete

pump or pumpcrete gun; Power jumbo operator

GROUP 3: Drill doctor; Mine or shaft hoist

GROUP 4: Combination slurry mixer cleaner; Grouting Machine operator; Motorman

GROUP 5: Bit Sharpener; Brakeman; Combination mixer and compressor (gunite); Compressor operator; Oiler; Pump operator; Slusher operator

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AREA DESCRIPTIONS:

POWER EQUIPMENT OPERATORS, CRANES AND ATTACHMENTS, TUNNEL AND UNDERGROUND [These areas do not apply to Piledrivers and Steel Erectors]

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part  
Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Except Eastern part  
Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part  
Area 2: Remainder

DEL NORTE COUNTY:

Area 1: Extreme Southwestern corner  
Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part  
Area 2: Remainder

FRESNO COUNTY

Area 1: Except Eastern part  
Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part  
Area 2: Remainder

HUMBOLDT COUNTY:

Area 1: Except Eastern and Southwestern parts  
Area 2: Remainder

LAKE COUNTY:

Area 1: Southern part  
Area 2: Remainder

LASSEN COUNTY:

- Area 1: Western part along the Southern portion of border with Shasta County
- Area 2: Remainder

MADERA COUNTY

- Area 1: Remainder
- Area 2: Eastern part

MARIPOSA COUNTY

- Area 1: Remainder
- Area 2: Eastern part

MENDOCINO COUNTY:

- Area 1: Central and Southeastern parts
- Area 2: Remainder

MONTEREY COUNTY

- Area 1: Remainder
- Area 2: Southwestern part

NEVADA COUNTY:

- Area 1: All but the Northern portion along the border of Sierra County
- Area 2: Remainder

PLACER COUNTY:

- Area 1: All but the Central portion
- Area 2: Remainder

PLUMAS COUNTY:

- Area 1: Western portion
- Area 2: Remainder

SHASTA COUNTY:

- Area 1: All but the Northeastern corner
- Area 2: Remainder

SIERRA COUNTY:

- Area 1: Western part
- Area 2: Remainder

SISKIYOU COUNTY:

- Area 1: Central part
- Area 2: Remainder

SONOMA COUNTY:

- Area 1: All but the Northwestern corner
- Area 2: Remainder

TEHAMA COUNTY:

- Area 1: All but the Western border with Mendocino & Trinity Counties
- Area 2: Remainder

TRINITY COUNTY:

- Area 1: East Central part and the Northeast border with Shasta County
- Area 2: Remainder

TULARE COUNTY;

- Area 1: Remainder

Area 2: Eastern part

TUOLUMNE COUNTY:

Area 1: Remainder

Area 2: Eastern Part

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 ENGI0003-019 06/25/2012

SEE AREA DESCRIPTIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (LANDSCAPE WORK ONLY)		
GROUP 1		
AREA 1.....	\$ 28.64	23.75
AREA 2.....	\$ 30.64	23.75
GROUP 2		
AREA 1.....	\$ 25.04	23.75
AREA 2.....	\$ 27.04	23.75
GROUP 3		
AREA 1.....	\$ 20.43	23.75
AREA 2.....	\$ 22.43	23.75

GROUP DESCRIPTIONS:

GROUP 1: Landscape Finish Grade Operator: All finish grade work regardless of equipment used, and all equipment with a rating more than 65 HP.

GROUP 2: Landscape Operator up to 65 HP: All equipment with a manufacturer's rating of 65 HP or less except equipment covered by Group 1 or Group 3. The following equipment shall be included except when used for finish work as long as manufacturer's rating is 65 HP or less: A-Frame and Winch Truck, Backhoe, Forklift, Hydragraphic Seeder Machine, Roller, Rubber-Tired and Track Earthmoving Equipment, Skiploader, Straw Blowers, and Trencher 31 HP up to 65 HP.

GROUP 3: Landscae Utility Operator: Small Rubber-Tired Tractor, Trencher Under 31 HP.

AREA DESCRIPTIONS:

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part

Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Except Eastern part

Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part  
Area 2: Remainder

DEL NORTE COUNTY:

Area 1: Extreme Southwestern corner  
Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part  
Area 2: Remainder

FRESNO COUNTY

Area 1: Except Eastern part  
Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part  
Area 2: Remainder

HUMBOLDT COUNTY:

Area 1: Except Eastern and Southwestern parts  
Area 2: Remainder

LAKE COUNTY:

Area 1: Southern part  
Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border  
with Shasta County  
Area 2: Remainder

MADERA COUNTY

Area 1: Remainder  
Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Remainder  
Area 2: Eastern part

MENDOCINO COUNTY:

Area 1: Central and Southeastern parts  
Area 2: Remainder

MONTEREY COUNTY

Area 1: Remainder  
Area 2: Southwestern part

NEVADA COUNTY:

Area 1: All but the Northern portion along the border of  
Sierra County  
Area 2: Remainder

PLACER COUNTY:

Area 1: All but the Central portion  
Area 2: Remainder

PLUMAS COUNTY:

Area 1: Western portion  
Area 2: Remainder

SHASTA COUNTY:

Area 1: All but the Northeastern corner  
 Area 2: Remainder

SIERRA COUNTY:

Area 1: Western part  
 Area 2: Remainder

SISKIYOU COUNTY:

Area 1: Central part  
 Area 2: Remainder

SONOMA COUNTY:

Area 1: All but the Northwestern corner  
 Area 2: Remainder

TEHAMA COUNTY:

Area 1: All but the Western border with Mendocino & Trinity  
 Counties  
 Area 2: Remainder

TRINITY COUNTY:

Area 1: East Central part and the Northeast border with  
 Shasta County  
 Area 2: Remainder

TULARE COUNTY;

Area 1: Remainder  
 Area 2: Eastern part

TUOLUMNE COUNTY:

Area 1: Remainder  
 Area 2: Eastern Part

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 IRON0377-002 07/01/2013

	Rates	Fringes
Ironworkers:		
Fence Erector.....	\$ 26.58	17.74
Ornamental, Reinforcing and Structural.....	\$ 33.00	26.30

PREMIUM PAY:

\$6.00 additional per hour at the following locations:

China Lake Naval Test Station, Chocolate Mountains Naval  
 Reserve-Niland,  
 Edwards AFB, Fort Irwin Military Station, Fort Irwin Training  
 Center-Goldstone, San Clemente Island, San Nicholas Island,  
 Susanville Federal Prison, 29 Palms - Marine Corps, U.S. Marine  
 Base - Barstow, U.S. Naval Air Facility - Sealey, Vandenberg AFB

\$4.00 additional per hour at the following locations:

Army Defense Language Institute - Monterey, Fallon Air Base,  
 Naval Post Graduate School - Monterey, Yermo Marine Corps  
 Logistics Center

\$2.00 additional per hour at the following locations:

Port Hueneme, Port Mugu, U.S. Coast Guard Station - Two Rock

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LABO0067-002 12/01/2012

AREA "A" - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES

AREA "B" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YUBA COUNTIES

	Rates	Fringes
Asbestos Removal Laborer		
Areas A & B.....	\$ 19.06	8.62
LABORER (Lead Removal)		
Area A.....	\$ 36.25	9.19
Area B.....	\$ 35.25	9.19

ASBESTOS REMOVAL-SCOPE OF WORK: Site mobilization; initial site clean-up; site preparation; removal of asbestos-containing materials from walls and ceilings; or from pipes, boilers and mechanical systems only if they are being scrapped; encapsulation, enclosure and disposal of asbestos-containing materials by hand or with equipment or machinery; scaffolding; fabrication of temporary wooden barriers; and assembly of decontamination stations.

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LABO0067-003 07/01/2009

AREA A: ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO & SANTA CLARA

AREA B: ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN, MADERA, MARIPOSA, MENOCINO, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SANCRCMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SIERRA, SHASTA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO & YUBA COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person		
Area A.....	\$ 26.89	14.93
Area B.....	\$ 25.89	14.93
Traffic Control Person I		
Area A.....	\$ 27.19	14.93
Area B.....	\$ 26.19	14.93
Traffic Control Person II		
Area A.....	\$ 24.69	14.93
Area B.....	\$ 23.69	14.93

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

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LAB00067-006 06/28/2010

AREA "A" - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES

AREA "B" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, EL DORADO, FRESNO, GLENN, KINGS, LASSEN, MADERA, MARIPOSA, MERCED, MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND YUBA COUNTIES

	Rates	Fringes
Laborers: (CONSTRUCTION CRAFT LABORERS - AREA A:)		
Construction Specialist		
Group.....	\$ 27.84	15.82
GROUP 1.....	\$ 27.14	15.82
GROUP 1-a.....	\$ 27.36	15.82
GROUP 1-c.....	\$ 27.19	15.82
GROUP 1-e.....	\$ 27.69	15.82
GROUP 1-f.....	\$ 27.72	15.82
GROUP 1-g (Contra Costa County).....	\$ 27.34	15.82
GROUP 2.....	\$ 26.99	15.82
GROUP 3.....	\$ 26.89	15.82
GROUP 4.....	\$ 20.58	15.82
See groups 1-b and 1-d under laborer classifications.		
Laborers: (CONSTRUCTION CRAFT LABORERS - AREA B:)		
Construction Specialist		
Group.....	\$ 26.84	15.82
GROUP 1.....	\$ 26.14	15.82
GROUP 1-a.....	\$ 26.36	15.82
GROUP 1-c.....	\$ 26.19	15.82
GROUP 1-e.....	\$ 26.69	15.82
GROUP 1-f.....	\$ 26.72	15.82
GROUP 2.....	\$ 25.99	15.82
GROUP 3.....	\$ 25.89	15.82
GROUP 4.....	\$ 19.58	15.82
See groups 1-b and 1-d under laborer classifications.		
Laborers: (GUNITE - AREA A:)		
GROUP 1.....	\$ 28.10	15.82
GROUP 2.....	\$ 27.60	15.82
GROUP 3.....	\$ 27.60	15.82
GROUP 4.....	\$ 27.60	15.82
Laborers: (GUNITE - AREA B:)		
GROUP 1.....	\$ 27.10	15.82
GROUP 2.....	\$ 26.60	15.82
GROUP 3.....	\$ 26.01	15.82
GROUP 4.....	\$ 25.89	15.82
Laborers: (WRECKING - AREA A:)		

GROUP 1.....	\$ 27.14	15.82
GROUP 2.....	\$ 26.99	15.82
Laborers: (WRECKING - AREA B:)		
GROUP 1.....	\$ 26.14	15.82
GROUP 2.....	\$ 25.99	15.82
Landscape Laborer (GARDENERS, HORTICULTURAL & LANDSCAPE LABORERS - AREA A:)		
(1) New Construction.....	\$ 26.89	15.82
(2) Establishment Warranty Period.....	\$ 20.58	15.82
Landscape Laborer (GARDENERS, HORTICULTURAL & LANDSCAPE LABORERS - AREA B:)		
(1) New Construction.....	\$ 25.89	15.82
(2) Establishment Warranty Period.....	\$ 19.58	15.82

FOOTNOTES:

Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive \$0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and buckler; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of

sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzle operators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive \$4.00 per day above Group 1 wage rates. "Sewer cleaner" means any worker who handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shall receive \$5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$ .25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 1-g, CONTRA COSTA COUNTY: Pipelayer (including grade checking in connection with pipelaying); Caulker; Bander; Pipewrapper; Conduit layer; Plastic pipe layer; Pressure pipe tester; No joint pipe and stripping of same, including repair of voids; Precast manhole setters, cast in place manhole form setters

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew;

High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:  
 A: at demolition site for the salvage of the material.  
 B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.  
 C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of "form stripping, cleaning and oiling and moving to the next point of erection".

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 GUNITE LABORER CLASSIFICATIONS

- GROUP 1: Structural Nozzleman
- GROUP 2: Nozzleman, Gunman, Potman, Groundman
- GROUP 3: Reboundman
- GROUP 4: Guniting laborer

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 WRECKING WORK LABORER CLASSIFICATIONS

- GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)
- GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

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 LAB0067-010 07/01/2010

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 33.35	16.08
GROUP 2.....	\$ 33.12	16.08

GROUP 3.....	\$ 32.87	16.08
GROUP 4.....	\$ 32.42	16.08
GROUP 5.....	\$ 31.88	16.08
Shotcrete Specialist.....	\$ 33.87	16.08

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

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LABO0139-002 07/01/2011

NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
LABORER (Brick)		
Mason Tender-Brick.....	\$ 30.87	14.52

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LABO0185-002 07/01/2011

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick.....	\$ 30.62	14.43

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LABO0291-001 07/01/2011

MARIN COUNTY

	Rates	Fringes
LABORER		
Mason Tender-Brick.....	\$ 31.87	14.43

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LABO1414-005 08/07/2013

	Rates	Fringes
Plasterer tender.....	\$ 30.00	16.36

Work on a swing stage scaffold: \$1.00 per hour additional.

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 PAIN0016-004 01/01/2013

MARIN, NAPA, SOLANO & SONOMA COUNTIES

	Rates	Fringes
Painters:.....	\$ 33.86	20.26

PREMIUMS:

EXOTIC MATERIALS - \$0.75 additional per hour.

SPRAY WORK: - \$0.50 additional per hour.

INDUSTRIAL PAINTING - \$0.25 additional per hour

[Work on industrial buildings used for the manufacture and processing of goods for sale or service; steel construction (bridges), stacks, towers, tanks, and similar structures]

HIGH WORK:

over 50 feet - \$2.00 per hour additional

100 to 180 feet - \$4.00 per hour additional

Over 180 feet - \$6.00 per hour additional

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 PAIN0016-005 01/01/2013

ALPINE, BUTTE, COLUSA, EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Hwy. 395, excluding Honey Lake); MARIN, MODOC, NAPA, NEVADA (west of the Sierra Nevada Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SOLANO, SONOMA, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
DRYWALL FINISHER/TAPER.....	\$ 36.24	18.67

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 PAIN0016-007 01/01/2013

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO (west of the Sierra Nevada Mountains), GLENN, LASSEN (west of Highway 395, excluding Honey Lake), MODOC, NEVADA (west of the Sierra Nevada Mountains), PLACER (west of the Sierra Nevada Mountains), PLUMAS, SACRAMENTO, SHASTA, SIERRA (west of the Sierra Nevada Mountains), SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO & YUBA COUNTIES

	Rates	Fringes
Painters:.....	\$ 29.06	15.98

SPRAY/SANDBLAST: \$0.50 additional per hour.

EXOTIC MATERIALS: \$1.00 additional per hour.

HIGH TIME: Over 50 ft above ground or water level \$2.00 additional per hour. 100 to 180 ft above ground or water

level \$4.00 additional per hour. Over 180 ft above ground or water level \$6.00 additional per hour.

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 PAIN0016-008 01/01/2013

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 44.87	17.98

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 PAIN0169-004 01/01/2013

MARIN , NAPA & SONOMA COUNTIES; SOLANO COUNTY (west of a line defined as follows: Hwy. 80 corridor beginning at the City of Fairfield, including Travis Air Force Base and Suisun City; going north of Manakas Corner Rd., continue north on Suisun Valley Rd. to the Napa County line; Hwy. 80 corridor south on Grizzly Island Rd. to the Grizzly Island Management area)

	Rates	Fringes
GLAZIER.....	\$ 41.88	21.59

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 \* PAIN0567-001 07/01/2013

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
Painters:		
Brush and Roller.....	\$ 23.30	10.19
Spray Painter & Paperhanger.	\$ 24.15	10.19

PREMIUMS:  
 Special Coatings (Brush), and Sandblasting = \$0.50/hr  
 Special Coatings (Spray), and Steeplejack = \$1.00/hr  
 Special Coating Spray Steel = \$1.25/hr  
 Swing Stage = \$2.00/hr

\*A special coating is a coating that requires the mixing of 2 or more products.

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 PAIN0567-007 07/01/2013

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains) AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

Rates	Fringes
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SOFT FLOOR LAYER.....\$ 25.40 11.49

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 PAIN0567-010 07/01/2013

EL DORADO COUNTY (east of the Sierra Nevada Mountains); LASSEN COUNTY (east of Highway 395, beginning at Stacey and including Honey Lake); NEVADA COUNTY (east of the Sierra Nevada Mountains); PLACER COUNTY (east of the Sierra Nevada Mountains); AND SIERRA COUNTY (east of the Sierra Nevada Mountains)

	Rates	Fringes
Drywall		
(1) Taper.....	\$ 27.07	11.14
(2) Steeplejack - Taper, over 40 ft with open space below.....	\$ 28.57	11.14

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 PAIN0767-004 01/01/2013

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SOLANO (Remainder), SUTTER, TEHAMA, TRINITY, YOLO, YUBA

	Rates	Fringes
GLAZIER.....	\$ 32.24	19.88

PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr. Day, President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

Employee required to wear a body harness shall receive \$1.50 per hour above the basic hourly rate at any elevation.

-----  
 PAIN1176-001 07/01/2013

HIGHWAY IMPROVEMENT

	Rates	Fringes
Parking Lot Striping/Highway Marking:		
GROUP 1.....	\$ 28.27	11.65
GROUP 2.....	\$ 28.60	11.65
GROUP 3.....	\$ 26.96	11.65

CLASSIFICATIONS

GROUP 1: Striper: Layout and application of painted traffic stripes and marking; hot thermo plastic; tape, traffic stripes and markings

GROUP 2: Gamecourt & Playground Installer

GROUP 3: Protective Coating, Pavement Sealing

-----  
 PAIN1237-001 01/01/2013

ALPINE; COLUSA; EL DORADO (west of the Sierra Nevada Mountains); GLENN; LASSEN (west of Highway 395, beginning at Stacey and including Honey Lake); MODOC; NEVADA (west of the Sierra Nevada Mountains); PLACER (west of the Sierra Nevada Mountains); PLUMAS; SACRAMENTO; SHASTA; SIERRA (west of the Sierra Nevada Mountains); SISKIYOU; SUTTER; TEHAMA; TRINITY; YOLO AND YUBA COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 28.25	16.73
-----		
PLAS0300-003 07/01/2009		

	Rates	Fringes
PLASTERER		
AREA 295: Alpine, Amador, Butte, Colusa, El Dorado, Glenn, Lassen, Modoc, Nevada, Placer, Plumas, Sacramento, Shasta, Sierra, Siskiyou, Solano, Sutter, Tehama, Trinity, Yolo & Yuba Counties.....	\$ 32.82	15.10
AREA 355: Marin, Napa & Sonoma Counties.....	\$ 32.82	15.30
-----		
PLAS0300-005 06/28/2010		

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 28.65	18.56
-----		
PLUM0038-002 07/01/2013		

MARIN AND SONOMA COUNTIES

	Rates	Fringes
PLUMBER (Plumber, Steamfitter, Refrigeration Fitter)		
(1) Work on wooden frame structures 5 stories or less excluding high-rise buildings and commercial work such as hospitals, prisons, hotels, schools, casinos, wastewater treatment plants, and research facilities as well as refrigeration pipefitting, service and repair work - MARKET	\$ 62.00	42.39
RECOVERY RATE.....	\$ 62.00	42.39
(2) All other work - NEW	\$ 62.00	42.39
CONSTRUCTION RATE.....	\$ 62.00	42.39
-----		
PLUM0038-006 07/01/2013		

MARIN & SONOMA COUNTIES

	Rates	Fringes
Landscape/Irrigation Fitter (Underground/Utility Fitter).....	\$ 52.70	31.45
-----		
PLUM0228-001 07/01/2013		

BUTTE, COLUSA, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA,  
SISKIYOU, SUTTER, TEHAMA, TRINITY & YUBA COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 36.70	24.69
-----		
PLUM0343-001 07/01/2013		

NAPA AND SOLANO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER		
Light Commercial.....	\$ 30.60	19.40
All Other Work.....	\$ 47.50	28.20

DEFINITION OF LIGHT COMMERCIAL:  
Work shall include strip shopping centers, office buildings, schools and other commercial structures which the total plumbing bid does not exceed Two Hundred and Fifty Thousand (\$250,000) and the total heating and cooling does not exceed Two Hundred Fifty Thousand (\$250,000); or Any projects bid in phases shall not qualify unless the total project is less than Two Hundred Fifty Thousand (\$250,000) for the plumbing bid; and Two Hundred Fifty Thousand (\$250,000) for the heating and cooling bid. Excluded are hospitals, jails, institutions and industrial projects, regardless size of the project

FOOTNOTES: While fitting galvanized material: \$.75 per hour additional. Work from trusses, temporary staging, unguarded structures 35' from the ground or water: \$.75 per hour additional. Work from swinging scaffolds, boatswains chairs or similar devices: \$.75 per hour additional.

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PLUM0350-001 01/01/2011

EL DORADO COUNTY (Lake Tahoe area only); NEVADA COUNTY (Lake Tahoe area only); AND PLACER COUNTY (Lake Tahoe area only)

	Rates	Fringes
PLUMBER/PIPEFITTER.....	\$ 34.60	10.50
-----		
PLUM0355-001 07/01/2013		

ALPINE, AMADOR, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC,  
NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA,  
SISKIYOU, SOLANO, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA  
COUNTIES

	Rates	Fringes
Underground Utility Worker /Landscape Fitter.....	\$ 28.55	8.30

-----  
 PLUM0442-003 07/01/2013

AMADOR (South of San Joaquin River) and ALPINE COUNTIES

	Rates	Fringes
PLUMBER.....	\$ 37.00	22.59

-----  
 PLUM0447-001 07/01/2013

AMADOR (north of San Joaquin River), EL DORADO (excluding Lake Tahoe area), NEVADA (excluding Lake Tahoe area); PLACER (excluding Lake Tahoe area), SACRAMENTO AND YOLO COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER Journeyman.....	\$ 41.77	22.35
Light Commercial Work.....	\$ 32.23	17.22

-----  
 ROOF0081-006 08/01/2011

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
Roofer.....	\$ 33.16	10.90

-----  
 ROOF0081-007 08/01/2012

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO, AND YUBA COUNTIES

	Rates	Fringes
Roofer.....	\$ 32.33	11.97

-----  
 SFCA0483-003 01/01/2013

MARIN, NAPA, SOLANO AND SONOMA COUNTIES

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 52.16	24.87

-----  
 SFCA0669-003 07/01/2013

ALPINE, BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER, PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA, TRINITY, YOLO AND YUBA COUNTIES

	Rates	Fringes
SPRINKLER FITTER.....	\$ 34.19	19.37

-----  
 \* SHEE0104-006 07/01/2013

MARIN, NAPA, SOLANO SONOMA & TRINITY COUNTIES

	Rates	Fringes
Sheet Metal Worker Mechanical Contracts		
\$200,000 or less.....	\$ 51.30	35.96
All other work.....	\$ 52.80	34.46

-----  
 \* SHEE0104-009 07/01/2013

AMADOR, COLUSA, EL DORADO, NEVADA, PLACER, SACRAMENTO, SUTTER,  
 YOLO AND YUBA COUNTIES

	Rates	Fringes
SHEET METAL WORKER.....	\$ 38.43	29.31

-----  
 \* SHEE0104-010 07/01/2013

ALPINE COUNTY

	Rates	Fringes
SHEET METAL WORKER.....	\$ 35.87	26.88

-----  
 \* SHEE0104-011 07/01/2013

BUTTE, COLUSA, EL DORADO, GLENN, LASSEN, MODOC, NEVADA, PLACER,  
 PLUMAS, SACRAMENTO, SHASTA, SIERRA, SISKIYOU, SUTTER, TEHAMA,  
 YOLO AND YUBA COUNTIES

	Rates	Fringes
Sheet Metal Worker (Metal decking and siding only).....	\$ 38.43	29.31

-----  
 \* SHEE0104-014 07/01/2013

MARIN, NAPA, SOLANO, SONOMA AND TRINITY COUNTIES

	Rates	Fringes
SHEET METAL WORKER (Metal Decking and Siding only).....	\$ 52.80	34.46

-----  
 \* SHEE0104-019 07/01/2013

BUTTE, GLENN, LASSEN, MODOC, PLUMAS, SHASTA, SIERRA, SISKIYOU  
 AND TEHAMA COUNTIES

	Rates	Fringes
SHEET METAL WORKER		

Mechanical Jobs \$200,000 & under.....	\$ 29.54	27.16
Mechanical Jobs over \$200,000.....	\$ 38.43	29.31

-----  
TEAM0094-001 07/01/2013

	Rates	Fringes
Truck drivers:		
GROUP 1.....	\$ 27.44	23.69
GROUP 2.....	\$ 27.74	23.69
GROUP 3.....	\$ 28.04	23.69
GROUP 4.....	\$ 28.39	23.69
GROUP 5.....	\$ 28.74	23.69

FOOTNOTES:

Articulated dump truck; Bulk cement spreader (with or without auger); Dumpcrete truck; Skid truck (debris box); Dry pre-batch concrete mix trucks; Dumpster or similar type; Slurry truck: Use dump truck yardage rate.  
Heater planer; Asphalt burner; Scarifier burner; Industrial lift truck (mechanical tailgate); Utility and clean-up truck: Use appropriate rate for the power unit or the equipment utilized.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Dump trucks, under 6 yds.; Single unit flat rack (2-axle unit); Nipper truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump machine; Fork lift and lift jitneys; Fuel and/or grease truck driver or fuel person; Snow buggy; Steam cleaning; Bus or personhaul driver; Escort or pilot car driver; Pickup truck; Teamster oiler/greaser and/or serviceperson; Hook tender (including loading and unloading); Team driver; Tool room attendant (refineries)

GROUP 2: Dump trucks, 6 yds. and under 8 yds.; Transit mixers, through 10 yds.; Water trucks, under 7,000 gals.; Jetting trucks, under 7,000 gals.; Single-unit flat rack (3-axle unit); Highbed heavy duty transport; Scissor truck; Rubber-tired muck car (not self-loaded); Rubber-tired truck jumbo; Winch truck and "A" frame drivers; Combination winch truck with hoist; Road oil truck or bootperson; Buggymobile; Ross, Hyster and similar straddle carriers; Small rubber-tired tractor

GROUP 3: Dump trucks, 8 yds. and including 24 yds.; Transit mixers, over 10 yds.; Water trucks, 7,000 gals. and over; Jetting trucks, 7,000 gals. and over; Vacuum trucks under 7500 gals. Trucks towing tilt bed or flat bed pull trailers; Lowbed heavy duty transport; Heavy duty transport tiller person; Self-propelled street sweeper with self-contained refuse bin; Boom truck - hydro-lift or Swedish type extension or retracting crane; P.B. or similar type self-loading truck; Tire repairperson; Combination bootperson and road oiler; Dry distribution truck (A bootperson when employed on such equipment, shall receive the rate specified for the classification of road oil trucks or bootperson); Ammonia nitrate distributor, driver

and mixer; Snow Go and/or plow

GROUP 4: Dump trucks, over 25 yds. and under 65 yds.; Water pulls - DW 10's, 20's, 21's and other similar equipment when pulling Aqua/pak or water tank trailers; Helicopter pilots (when transporting men and materials); Lowbedk Heavy Duty Transport up to including 7 axles; DW10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTourneau Pulls, Tournorocker, Euclid and similar type equipment when pulling fuel and/or grease tank trailers or other miscellaneous trailers; Vacuum Trucks 7500 gals and over and truck repairman

GROUP 5: Dump trucks, 65 yds. and over; Holland hauler; Low bed Heavy Duty Transport over 7 axles

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.  
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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).  
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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage

payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

**CALIFORNIA LABOR CODE RELATING TO  
APPRENTICES ON PUBLIC WORKS PROJECTS**

See following links: [www.dir.ca.gov](http://www.dir.ca.gov) and/or [www.leginfo.ca.gov](http://www.leginfo.ca.gov)

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## **SPECIAL PROVISIONS**

**SPECIAL PROVISIONS  
FOR  
PARKWAY & VALLEY HI METER RETROFIT PROJECT  
(Z14010070)**

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## **SECTION 1 - GENERAL CONSTRUCTION REQUIREMENTS**

### **1.01 Scope of Work**

The work to be performed under these Special Provisions generally consists of furnishing and installing meter setters, meter boxes, lids, meter valves and water meters at various commercial and residential properties within designated areas of the City of Sacramento as indicated on the project area map found in the Appendix. The work to be performed includes excavation, backfill, surface restoration, retrofitting water meters on existing water services, and any other work required to complete the project as specified in these Special Provisions.

The Contractor shall possess the correct Contractor's License as specified in the Notice to Contractors of this bid package.

The Contractor shall provide all labor, materials, tools, and equipment to complete meter retrofits in place and all work necessary to furnish, install, remove, abandon, disinfect, and connect the water services, and appurtenances as shown on the details found in the Appendix and as specified in these Special Provisions. The work shall be so performed that upon contract completion the project shall be ready for use as described in these Special Provisions.

### **1.02 Specifications**

The work to be performed under this contract shall be done in accordance with the Special Provisions contained herein. In these Special Provisions, reference is made to the Standard Specifications of the City of Sacramento, adopted June 2007, referred to herein as "City Standard Specifications", which also includes any addendums to the City Standard Specifications which can be found on the City's website. Reference may also be made to the State of California, Department of Transportation, Standard Specifications referred herein as "State Standard Specifications".

The general requirements of this contract shall be governed by these Special Provisions first, followed by Sections 1 through 8 of the City Standard Specifications. Other Standards or Specifications specified in these Special Provisions govern only the applicable technical specifications.

### **1.03 Interpretation of Contract Documents**

Questions from bidder's concerning the interpretation of any portion of the contract documents may be directed to Michelle Carrey of the City of Sacramento, Department of Utilities, 1395 35<sup>th</sup> Avenue, Sacramento, California, 95822, phone (916) 808-1438.

Interpretation, where necessary, will be made by the City in the form of an addendum to the contract documents and, when issued, will be sent as promptly as is practicable to all parties to whom the bid documents have been issued. All such addenda shall become part of the contract.

It shall also be the bidder's responsibility to call to the attention of the Engineer any missing pages or drawings in the contract documents, including the addenda. These items shall be brought to the attention of the Engineer at least one week prior to the bid opening date.

#### **1.04 Governing Documents**

1. All work performed under this contract shall be in accordance with the following general requirements:
  - a. Sealed Proposal
  - b. Agreement
  - c. City Standard Specifications - Sections 1 through 8
2. All work performed under this contract shall be in accordance with the following provisions:
  - a. Special Provisions
  - b. Contract Plans
  - c. City Standard Specifications - Sections 10 through 38
  - d. California Labor Code - Chapter 4 of Division 3
3. In the event of a conflict in the Contract Documents, the governing priorities, when appropriate, shall be in accordance with section 5 of the City Standard Specifications.

#### **1.05 Shop Drawings and Submittals**

The Contractor's shop drawings and submittals shall include, but not be limited to, the following:

1. Construction Activity Time Schedule
2. Traffic Control Plan
3. Meters (including registers)
4. Meter boxes and lids
5. Erosion, Sediment, and Pollution Control Plan
6. Water Service Lateral Materials
7. Public Notification Information
8. Phasing Plan

When review and checking for acceptance is required of any drawing or information regarding materials and equipment, the Contractor shall prepare or secure, and submit for review, six copies in accordance with Section 5 of the Standard Specifications. The Engineer, after taking appropriate action, will return two marked copies to the Contractor. The Contractor shall keep one copy of the approved Traffic Control Plan and the Water Quality Control Plan at the construction site at all times.

To achieve standardization of appearance, maintenance, and replacement, like items of materials provided under these Special Provisions shall be the end product of one manufacturer.

NSF 61 compliance is required for all materials used on project and compliance shall be stated on submittals.

#### **1.06 Manufacturer's Instructions**

Contractor shall comply with manufacturer's installation instructions and procedures in accordance with Section 5 of the City Standard Specifications.

#### **1.07 Equipment to be Supplied**

All equipment, material and supplies called for on the Plans and Specifications shall be new and currently manufactured items, unless otherwise specified.

All equipment shall be complete and in operation to the satisfaction of the Engineer at the time of acceptance of the work.

#### **1.08 Proof of Compliance with Contract**

In order that the Engineer may determine whether the Contractor has complied with the requirements of the contract documents not readily determinable through inspection and tests of plant, equipment, work, or materials, the Contractor shall at any time when requested, at the Contractor's expense, submit to the Engineer properly authenticated documents or other satisfactory proofs as to his compliance with such requirements.

#### **1.09 Construction Activity Time Schedule**

The Contractor shall submit a detailed schedule in accordance with Section 7 of the Standard Specifications. No progress payments will be made for work completed prior to acceptance of the schedule.

The activity time schedule shall indicate the chronological sequence in which the Contractor proposes to carry out each aspect of the work, the calendar dates on which the Contractor will begin the several salient elements of the work (procurement and

delivery of materials, posting of "No Parking" signs, notification of property owners, scheduling of equipment, excavation of trenches, placement of pipe, etc.), and the contemplated dates for completing said salient elements.

The Contractor shall contact the Engineer at least 48 hours in advance of any change in the work schedule. If the Contractor desires to make a major change in his method or operations after commencing construction, or if the activity time schedule fails to reflect the actual progress of the work, the Contractor shall submit a revised schedule to the Engineer in advance of beginning revised operations.

At the very minimum, the Contractor shall update the construction activity time schedule every 30 calendar days throughout the duration of the project.

### **1.10 Water Quality Control**

Water Quality Control shall be in accordance with Section 16 of the City Standard Specifications. The Contractor shall prepare and submit an erosion, sediment and pollution control plan (ESC Plan) to the Engineer for review. The ESC Plan shall be submitted a minimum of 48 hours prior to start of the work. The Contractor shall not begin work until an accepted ESC Plan is on file with the Engineer.

### **1.11 Definitions**

For definitions not found herein refer to Section 1 of the City Standard Specifications.

"Provide" shall mean furnish and install in accordance with the Plans and Specifications.

"Residential Water System" or "Residential Water Service" shall mean the water service pipe and appurtenances from the property owner's side of the curb stop up to and including all points of connection at the house.

"Water Distribution Personnel" shall mean an appointed representative from the Department of Utilities.

"Water Service Lateral" or "City Service" shall mean the water service pipe placed from the water main up to and including the curb stop (or meter setter).

"Retrofit" shall mean intercepting existing Water Service Laterals, and placing metering appurtenances and a water meter box in accordance with the Plans, Specifications, and Details in Appendix.

### **1.12 Project Closeout**

The issuance of a punch list, final acceptance of the work, and the final payment shall be in accordance with Section 8 of the City Standard Specifications.

### **1.13 City Ordinance Related to Construction Work**

The City has adopted an ordinance amending Chapter 12.20 that establishes additional minimum requirements and restrictions relating to construction activities within the City limits and establishes administrative penalties associated with non-compliance of these requirements. The ordinance includes the following general categories:

- A. Working hours for the City's "Primary Streets"
- B. Traffic control plan requirements
- C. Access to private property
- D. Maintenance of construction areas
- E. Repair of traffic control systems
- F. Care of existing known facilities
- G. Public notification
- H. Noise levels

Copies of the ordinance are available from the City Clerk's Office, 915 I Street, Sacramento, CA. 95814.

### **1.14 Project Signs**

Prior to beginning any onsite work, the contractor will be provided two project signs. The signs will be supplied by the City and are each approximately 2' x 3'. Sign placement shall be as directed by the Engineer. In general, the signs shall be placed on barricades and located at the ends of the construction area where work is being performed. Signs shall be removed at the end of each work day and placed accordingly on the next construction day. The signs shall be removed at the end of the project and returned to the City.

### **1.15 Daily Coordination Required**

In addition to the responsibilities of the Contractor and the Contractor's Superintendent as detailed in Section 5 of the Standard Specifications, the Contractor's Superintendent or other Contractor representative approved by City shall meet with City's representative(s) at the job site each working day, once each morning and once each afternoon, for a total of approximately one hour per working day. The purpose of such required meetings shall be to maintain close coordination between the Contractor and City throughout performance of the Contract, and the matters to be addressed at such meetings shall include, but are not limited to the following: reviewing the current working

day's projected work schedule, updating the City representative on the current working day's completed work, communicating regarding customer notification, placement of meter boxes, type of meter box to place at each property identified on the daily work schedule, valve placements and abandonments, identifying concrete work scheduled for the next working day, quantities of completed services placed each day, pay estimates, job walks as required by the City representative to identify anomalies, and reviewing USA markings.

#### **1.16 Same Superintendent and Work Crew Required**

In addition to Contractor's obligations to utilize competent and skilled workers and to remove unsatisfactory workers as specified in Section 7 of the Standard Specifications, Contractor shall maintain the same Superintendent and work crew on the job site throughout performance of the Contract, and Contractor shall not change Contractor's Superintendent and/or work crew prior to completion of the Work unless approved in writing by the Engineer prior to such change; provided that the Engineer's approval shall not be required for Contractor to replace employees terminated by Contractor.

#### **1.17 Lead Free Water Works Pipe and Fittings**

Notwithstanding any other provision of the Contract Documents, all materials installed shall comply with the requirements of Section 116875 of the California Health & Safety Code and NSF 61 Annex G.

#### **1.18 Unbalanced Bid Items**

Under Section 2 of the Standard Specifications, the City may reject a Proposal in which the bid(s) submitted for one or more items are obviously unbalanced, as reasonably determined by City. As an alternative to rejecting the Proposal, and notwithstanding any other provision of the Contract Documents, if the City reasonably determines that the bid(s) submitted for one or more items in the Proposal are obviously unbalanced, the City may accept the Proposal and award the Contract to the Bidder, subject to the City's unconditional right, after Contract award, to either: (1) disregard the bid(s) that are obviously unbalanced and require the Contractor to perform the subject item(s) of work with payment by cost and percentage, as specified in Section 8-10 of the Standard Specifications; or (2) delete the subject item(s) of work in their entirety, in which case the Contractor shall not receive any compensation for the deleted item(s) and the City may have the item(s) of work performed by any other means. By signing the Contract, the Bidder agrees that the City may exercise either of these options in the City's sole discretion without Bidder's consent to the option selected, and the Bidder waives any right to contest the City's action or claim additional compensation or damages therefor. The Bidder shall promptly provide any documentation or other information requested by City to determine whether the bid(s) submitted for one or more items are obviously unbalanced.

**1.19 Water Meter Submittals & No Time Extensions**

The water meter submittals shall be submitted to the Engineer for review within five days of contract award at City Council. Time extensions will not be granted for delays in the Contractor receiving water meters.

**1.20 Payment**

No separate payment will be made to the Contractor for complying with the requirements of this section. The cost of such work shall be included in whatever bid item the Contractor deems appropriate.

\* END OF SECTION \*

## **SECTION 2 - PUBLIC CONVENIENCE & PROTECTION OF EXISTING IMPROVEMENTS**

### **2.01 Public Right-of Way and Easements**

All water mains and services constructed as part of this project are to be placed within public street and alley rights-of-ways. The Contractor shall confine his or her operations within the limits of existing street right-of-way or easements as much as practicable.

If the Contractor finds it necessary to encroach onto private property outside the limits of public street and right-of-ways, the Contractor shall make all necessary arrangements with the owner of the property for such encroachment.

If the Contractor finds it necessary to encroach onto private property outside the limits of the project, the Contractor shall make all necessary arrangements with the owner of the property for such encroachment. A copy of any written agreements entered into between the Contractor and the property owner concerning encroachment onto private property shall be provided to the Engineer prior to beginning any work on the property described in the agreement.

### **2.02 Existing Utilities**

The location, alignment, and depth of existing underground utilities as shown on the Plans are taken from public records and no responsibility is assumed for the accuracy thereof. For the most part, underground utility services are not shown on the Plans.

Attention is directed to the provisions in Section 6 of the Standard Specifications.

The Contractor will insure that utility services to customers in the project are maintained.

The Contractor is responsible for the protection of and for damage to existing overhead and underground utility lines and services encountered during the course of construction. The Contractor shall notify the respective utility owner prior to any interruption of service.

The Contractor is expected to "pothole" existing underground utilities a minimum of ten working days in advance at any location where an existing utility may be in conflict with the proposed work.

The cost of relocating existing overhead or underground utilities not specified on plans to be relocated, but which the Contractor elects to relocate or cut and reconnect for his/her own convenience, shall be borne by the Contractor.

### **2.03 Maintaining Water, Sewer, and Drainage Flows**

The Contractor shall be responsible maintaining water, sewer, and drainage flows including emergency repairs and temporary bypasses in accordance with Section 13 of the City Standard Specifications.

In addition to Section 13 provisions, any landscaping irrigation water lines cut or broken by the Contractor, but not immediately repaired, shall be capped until repairs can be made. The Contractor shall make repairs within two working days of having cut or broken such irrigation lines unless otherwise approved by the Engineer. In the interim, the Contractor shall be responsible for ensuring all locations served by the irrigation lines continue to be provided adequate water. Any landscaping that dies, or fails to recover as a result of the Contractors actions shall be replaced in kind.

### **2.04 Work Performed by City Crews**

The Contractor is advised that the City retains the option of performing with City crews, all or a portion of any work involved in relocation, repairing, or otherwise restoring existing sewer, water, and drainage systems and services to developed properties within the limits of the project that may be in conflict with the proposed project improvements. Any such work performed by City forces will be at the discretion and convenience of the City.

Should the Contractor desire City forces to cut and repair existing water, sewer, or drain services, the Contractor shall contact the Engineer at least three working days in advance to schedule and coordinate the work.

All work performed and materials provided by the City will be paid for by the Contractor or removed from this contract at no additional cost to the City in accordance with Section 4 of the City Standard Specifications.

### **2.05 Maintenance of Traffic and Public Safety**

The Contractor's attention is directed to Sections 6, 7, and 16 of the City Standard Specifications.

Spillage shall be removed immediately in accordance with Section 6 of the City Standard Specifications.

Water or dust palliative shall be applied in accordance with Section 6 of the City Standard Specifications.

Contractor shall not interfere with or impair any railroad operations in accordance with Section 6 of the City Standard Specifications.

The Contractor shall be required to establish traffic scheduling and control measures acceptable to the Engineer prior to starting any work. The Contractor shall submit to the Engineer for review and approval a plan in accordance with Section 6 of the Standard Specifications. This plan shall be submitted a minimum of ten working days prior to the scheduled commencement of any work by the Contractor. **The Contractor will not be allowed to begin work until an approved plan is on file with the Engineer.**

The Contractor shall notify Norm Colby, via the Engineer, at the Traffic Signal Maintenance Shop at (916) 808-6635, ten working days before any electrical work begins.

The Contractor's traffic control plan shall provide for the following:

1. The Contractor shall provide access to all driveways or alleys at all times except when excavation is in progress, when forms are in place, or when concrete or asphalt is being placed. The Contractor shall take precautions so as not to entrap vehicles on private property during the progress of the work.
2. Driveways may be closed only during normal working hours and only after giving property owners a minimum of 24 hour notice in advance of the closure.
3. Rear access to building and existing parking areas behind buildings shall be maintained. Contractor may close such access for a limited time only if arrangements have been made with property owners. Contractor shall give property owners 48 hour notice in advance of the closure.
4. Vehicle and pedestrian access to driveways, houses, and commercial businesses along the streets, alleys, and easements within the limits of the project shall be maintained. Access for emergency vehicles shall be available along all streets within the construction area at all times.
5. The entire roadway width of all streets within the limits of the project shall be kept open for traffic at night, during weekends, on holidays, and during other time periods when work is not in progress. Steel plates or other approved methods shall be used to cover all open excavations in roadways during non-working hours.
6. For work done before 7:00 A.M. or after 6:00 P.M., or during all daylight hours between 6:00 P.M. Friday to 7:00 A.M. Monday, arrangements shall be made with the property owners in advance and approved by the Engineer.

The Contractor is hereby alerted that Meadowview Road, Mack Road, and Valley Hi Drive are within the project area and are designated "primary streets". It is the

Contractor's responsibility to adhere to the requirements per Section 6-10 of the City Standard Specifications.

The Contractor is hereby alerted that Meadowview Road, Mack Road, and Valley Hi Drive, and Meadowgate Way are within the project area and are designated "Holiday Season Moratorium Streets". It is the Contractor's responsibility to adhere to the requirements per Section 6 of the City Standard Specifications.

Contractor shall perform the following notification procedures prior to closing a street/alley to through traffic:

1. Police Department - Provide the Police Communications Center with the street/alley closure limits and estimated duration of closure, by calling 264-5025 and faxing the information to 264-7770 one working day prior to the closure
2. Fire Department - Provide the Fire Communications Center with the street/alley closure limits and estimated duration of closure, by calling 228-3035 and faxing this information to 228-3075 one working day prior to the closure.
3. Solid Waste Division - Provide the street/alley closure limits and estimated duration of closure, by calling 808-4952 and faxing the information to 808-1494 five working days prior to the street closure.
4. On-Street Parking Division - Provide the street/alley closure limits and estimated duration of closure, by calling 808-5874 and faxing the information to 808-7501 five working days prior to the street closure.
5. Regional Transit – If the street/alley is within an RT route, the Contractor shall provide the closure limits and estimated duration of closure, by calling Lynn Cain at 321-5375 and faxing the information to 557-4541 five working days prior to the street closure.
6. Department of Transportation - Provide the street/alley closure limits and estimated duration of closure, by calling Erick Talavera at 804-4790 two working days prior to the street closure and the day of reopening.

The information faxed to the above shall include:

Name of Project  
Project Number  
Contractor Name and phone number  
City Inspector Name and phone number  
"Department of Utilities Project"  
Name and Limits of Street(s) being closed  
Duration of closure

Section 2-4

A copy of the fax receipt shall be given to the City Inspector.

### **2.06 Protection of Existing Improvements**

The Contractor shall be responsible for repairing damage to existing improvements, utilities, and adjacent property in accordance with Section 13 of the Standard Specifications.

The Contractor shall operate irrigation systems, identify existing damage, and report findings to the Engineer prior to beginning construction at each residence. The Contractor shall replace irrigation features to match pre-construction conditions. Any removed or damaged landscaping features shall be relocated or replaced to match pre-construction conditions at no additional cost to the City.

### **2.07 Storage of Equipment or Materials**

Materials and equipment shall be stored in accordance with Section 5 of the City Standard Specifications.

### **2.08 Maintaining Existing Electrical Facilities**

Maintaining existing electrical facilities shall be in accordance with Section 34 of the City Standard Specifications and these Special Provisions.

The Contractor shall ascertain the exact location and depth of existing electrical facilities before any electrical work begins. Any damage done to existing electrical facilities that is caused by the Contractor shall be repaired immediately and at the Contractor's expense. The Contractor shall trench under all existing traffic signal and street lighting conduits.

Temporary shutdowns of traffic signals shall be in accordance with Section 34 of the City Standard Specifications.

### **2.09 Notification to Property Owners**

The Contractor shall notify all property owners/occupants and property management companies adjacent to the work seven days prior to commencing any work. The Contractor shall also be responsible for issuing a second notice to property owners/occupants and property management companies twenty four hours in advance of any residential water system interruption or commencing any work on private property. Examples of notifications are located in the Appendix. The example notification is for guidance only. The Contractor shall modify the public notification communication so it is relevant to the subject project. The notification shall be submitted to the Engineer for review per the submittal process outlined in these Specifications.

## **2.10 Removal of On-Street Parking**

The Contractor's operations may require the prohibition of on-street parking of vehicles along all or a portion of the length of the project for a limited period of time. In such instances, the removal of on-street vehicle parking shall be in accordance with Section 6 of the City Standard Specifications.

## **2.11 Dust Control**

The Contractor shall be responsible for the control of dust within the limits of the project at all times in accordance with Section 16 of the City Standard Specifications.

The Contractor shall keep all streets and alleys as well as all grounds adjacent to the project site clean and free of dust, mud, and debris resulting from the Contractor's operations in accordance with Section 16 of the City Standard Specifications.

Spillage of earth, gravel, concrete, asphalt, or other materials resulting from hauling operations along or across any public traveled way shall be removed immediately by the Contractor in accordance with Section 16 of the City Standard Specifications.

## **2.12 Open Excavations**

The Contractor shall be required to backfill and complete final surface restoration within five calendar days of excavating or removing any surface unless otherwise approved by the Engineer.

## **2.13 Payment**

No separate payment will be made to the Contractor for complying with the requirements of this section. The cost of such work shall be included in whatever bid item the Contractor deems appropriate.

\* END OF SECTION \*

## **SECTION 3 - WATER CONSTRUCTION REQUIREMENTS**

### **3.01 AWWA Standards - Water Mains**

These Special Provisions contain reference to certain standards of the American Water Works Association (AWWA). Copies of these standards are available for reference at the City of Sacramento, Department of Utilities, Engineering Services Division located at 1395 35<sup>th</sup> Ave in Sacramento.

In submitting a bid, the Contractor certifies that he/she is familiar with field handling, installation, inspection, disinfection, pressure testing and all other requirements contained in the AWWA standards.

### **3.02 Opening Direction of Valves and Fire Hydrants**

The opening direction of valves and fire hydrants shall be in accordance with Section 27 of the City Standard Specifications.

### **3.03 Trench Excavation and Backfill**

Trench excavation and backfill shall conform to the provisions of Section 27 of the City Standard Specifications.

### **3.04 Surface Cutting and Restoration**

Surface cutting and restoration shall conform to the following:

<b>Type of material to cut and restore</b>	<b>City Standard Specification Section</b>
Asphaltic pavement cutting and restoration	Section 22, 27
Curb, gutter and sidewalk cutting and restoration	Section 24, 27
Concrete pavement (Alleys and Vee gutters) cutting and restoration	Section 19

All materials shall conform to Section 10 of the City Standard Specifications.

Existing pavement to be removed shall be ground or saw cut full depth to provide a neat straight pavement break along both sides of the pipe trench. A "T" trench as shown on Standard Drawing W-701 is required. The minimum pavement section within public street right-of-way shall be four inches of asphalt concrete over twelve inches of Class 2 aggregate base.

The Contractor, at his/her option, may perform the pavement saw cutting operation after the pipe installation operation, just prior to pavement repair. No pavement cutting shall precede trenching by more than five calendar days except when saw cutting is used. Where the initial pavement cut is not performed by saw cutting and takes place more than one calendar day before trench excavation, the Contractor shall fill the pavement cuts with asphalt concrete patching mix and maintain a smooth riding surface until trenching begins.

Upon completion of trench backfill, existing pavement as well as any curbs, gutters, sidewalks, driveways, or other improvements that have been cut or damaged as a result of the construction activities shall be replaced. The replacement of pavement, curb, gutter or other improvements shall match that of the original as close as practical unless otherwise indicated on the Plans or in these Special Provisions. Segments of saw cut pavement which were damaged during construction shall be re-saw cut to a neat straight line.

The Contractor shall repair disturbed lawn areas by carefully and evenly cutting the lawn to preserve the sod until the trench excavated for the water service lateral or residential water system is backfilled and compacted. Any existing lawn removed during excavation shall be replaced with sod to match preconstruction conditions. The removed sod may be replaced over the backfilled trench provided the sod is in an acceptable condition for re-use as determined by the Engineer. Sod unsuitable for re-use shall be replaced with new sod to match preconstruction conditions.

All fences or shrubbery in the way of construction shall be removed and replaced. The Contractor may re-use the existing fence material provided the Engineer approves the material, prior to installation. If the Engineer does not approve the re-use of the material, the Contractor shall replace with new material. Any private property or any existing improvements damaged by the construction operations shall be replaced with new materials at no additional cost.

Masonry work damaged as a result of the construction shall be repaired by an experienced brick mason to match existing improvements. Existing bricks shall be salvaged and reused to preserve the integrity of the improvement.

Driveways consisting of exposed aggregate concrete or flat concrete shall be replaced by an experienced concrete finisher to match existing improvements.

### **3.05 Disinfection of Water Services, Meters, and Fittings**

Disinfection of water services, meters, and fittings as well as flushing the water service, shall conform to AWWA Standards and Sections 27 of the Standard Specifications. All

disinfection of services, meters and fittings shall be completed in the presence of the Engineer.

### **3.06 Distribution System Shutdowns for Water Service Connections**

Connections to existing water mains shall be made in accordance with Section 27 of the City Standard Specifications.

**Without exception, all opening and closing of the valves on existing water mains will be performed by City crews only.**

Where indicated on the details in the Appendix or as directed by the Engineer, the Contractor shall cut existing pipe, remove existing plugs or bulkheads, clean pipe ends, prepare connections and make the new connection to existing water mains. The Contractor shall temporarily cap existing mains as necessary and as approved by the Engineer to maintain service to City customers.

Water released from cutting or opening existing mains shall be removed and disposed of by the Contractor. There shall not be an excess of water within the excavation area during the meter retrofit construction work as determined by the Engineer.

### **3.07 Water System Shutdowns for Residential Water System Tie-Ins**

All residential water system shutdowns shall be approved by the Engineer. Residential water system shutdowns for water system connections will be approved once complete preparation, satisfactory to the Engineer, is made to minimize the length of time for any shutdown.

**Maximum time of interruption of water service to any residence or business shall be four hours.**

### **3.08 Plugged Fixtures**

The Contractor shall be responsible for removing all sediment that builds up at faucets and clogs interior house plumbing as a result of installing and connecting residential water systems.

The Contractor shall open all exterior faucets and shall attempt to have the homeowner open all interior faucets in order to help prevent fixtures from plugging.

### **3.09 Construction of Residential Water Systems**

Residential water systems shall be connected to water service laterals from the new meters to the existing hose bibs at the residences.

All new residential water systems shall be a minimum 1 ½ - inch diameter Type K copper or HDPE pipe per Section 10 of the City Standard Specifications and the details found in the Appendix. For all existing residential water systems to reconnect, the residential service size shall match the existing size that is being connected and shall be either Type K copper or HDPE. If it's necessary to route and connect the residential water system to a second above ground tee, Schedule 40 PVC pipe is acceptable. Installation and connection of residential water systems shall be performed in accordance with the applicable sections of the latest revised Uniform Plumbing Code (hereinafter called UPC). No connections shall be made until installation and testing of the distribution system and water service laterals are complete. All underground work shall be inspected prior to backfilling.

Pipe alignment shall not pass under any dwelling.

All HDPE pipes shall have a locating wire installed per Section 27 of the City Standard Specifications.

All work relating to placing and connecting residential water systems and abandoning existing water systems at each residence shall be completed within five consecutive working days. The valve at the meter shall be left in an open position and the system shall be operational before the Contractor's work is considered complete.

The Contractor is encouraged to visit the project site to better acquaint him/herself with each water system hookup.

### **3.10 Water Meters**

The definition of "meters" outside of section 3.10 shall mean the meter, register, and all other components assembled as one unit as specified in this section.

#### **METERS AND REGISTERS**

All meters and registers shall be compatible with ASCII communication protocol. All meters shall be guaranteed free from manufacturing defects in materials and workmanship and must be adaptable to field programmable registers without interruption of the customer's service.

Testing of meters for compatibility for ASCII communication protocol will be completed by the Engineer, and costs borne by the City. Meters that fail to meet the

compatibility requirement shall be retested. Cost for all retests of meters will be borne by the Contractor and deducted from payment due Contractor for work performed under the terms of the contract. Any meter that is defective or not fully compatible with the ASCII communication protocol for any reason, shall be replaced with a compliant meter within 10 days or pay \$200, per meter, in liquidated damages to compensate the City for staff time and delay.

Unless otherwise noted in these contract documents, all meters supplied for the project shall be positive displacement type meters. Two inch and smaller positive displacement meters shall have absolute encoder type registers.

All irrigation services that are 1 ½" and greater shall be turbine meters and shall have an absolute encoder type register.

### **Absolute Encoder Type Registers for Positive Displacement, Compound and Turbine Meters**

#### **General Description**

Registers furnished under these specifications shall be the product of a manufacturer with at least ten years of experience in the manufacture of absolute encoder-based registers. The registers shall have the capability of providing encoded meter information as described in the following specification. Specifications for the required cold-water meters can be found below in separate specifications. Registers provide low voltage conversions are acceptable; however, registers utilizing generator pulses are not acceptable under this standard.

#### **Construction**

Registers shall be of the absolute encoder type and permanently, hermetically sealed in a copper or stainless steel can to provide protection from moisture, high strength, and resistance to handling damage. Similar size, type and registration or registers shall be interchangeable.

All registers 1 ½" and above must be removable without disassembly of the water meter or the service line. Registers must be free of opening to protect the internal electronics of the register.

Registers shall be equipped with low flow indicators. Registers shall read in cubic feet. The register is independent of the meter. Therefore, register's Manufacture Date and Identification Number shall be printed on the face of the register. The manufacturer of the meter and register shall provide meter serial numbers with barcodes on the meter, register lid and shipping box. In addition, the contractor will supply for each shipment an electronic spreadsheet providing meter serial numbers for the City to expedite tracking and inventory purposes.

Register lenses constructed of minimum 1/4" tempered are preferred but not required; glass domed (non-tempered) register lenses are acceptable for durability in pit installations. All other register assembly and material requirements stated herein shall also apply. Registers shall be equipped with a hinged lid to completely protect the register lens.

The absolute Encoder Register output shall be a factory-potted NICOR Hydroconn AMR Series III in-line male connector with female metal contacts and Hydroconn AMR Series II End Cap (No Substitute). The register cable shall be Nicor's three (3) conductor cable and measure 36" long from surface of the register to the end of the connector for 5/8" through 2" meters.

**Operation**

Upon inquiry from a remote location, the absolute encoder register shall disclose the exact position of the six most prominent number rollers. All power necessary for data transmission shall be supplied from the interrogation device. All registers shall be fully compatible with ASCII communication protocol. All registers shall employ a device to offer a reliable transfer of the roller bank assembly to ensure accuracy and to prevent ambiguous readings. For reliability and durability, the position of each roller shall NOT be determined by using any type of mechanical contacts which can wear out over time. Optical character recognition (OCR) is the preferred technology, but is not required, for determining roller position, as this method reads the actual position of the index odometer wheels when interrogated by a ASCII communication protocol.

Data transmission shall be instantaneous and supplied in an ASCII format without conversion or modification. Registers must operate reliably down to at least 4.5 volts.

Pin out connection: When meter side connector is viewed end-on with the molded arrow at the 12 o'clock position, the contacts occupy the 2, 6 and 10 o'clock positions.

<u>O'clock Position</u>	<u>Function</u>
2	Power/Clock
6	Ground/common/return
10	Encoder Data

**Warranties**

All encoded registers shall be free from defects in materials and workmanship for ten (10) years from the date of purchase.

## **Positive Displacement Type Meters 1" - 2"**

### **General Description**

Meters furnished under these specifications shall be the product of a manufacturer with at least ten years experience in meter manufacturing for the American Market. Meters shall be new, first line quality, positive displacement type cold water service. Meters must be of the oscillating piston or nutating disc type. Multi-jet and Single-jet meters are not acceptable under this specification. Meters shall comply with AWWA Standard C700 latest revision and the minimum specification herein. Any low lead bronze shall not have less than 85% copper content. In addition, meter manufacturers will meet all guidelines established by California Bill AB1953 and ANSI/NFS Standard 61 Annex F and Annex G requirements. They shall be designed for use with potable water below 80 degrees F.

### **Type**

Cold water service meter for measuring potable water in residential services, positive displacement meters only, sealed register.

### **Cases: 1"**

All meters 5/8" through 1" shall have an NSF approved, low lead bronze outer main case body with a separate, removable measuring element. The low lead bronze case shall not have less than 85% copper content. The meter case casting shall have raised characters denoting the meter size and the direction of water flow. The casting shall be permanently marked with the serial number of the meter in a manner so that the number is easily read from above. All bottom plates shall be isolated from the potable water by a full rubber liner. Meters shall be provided with bronze bottom plate and held in place with stainless steel bolts with integral washer heads. Cases must be capable of withstanding working pressures of one hundred fifty (150) psi. Thread protectors shall be supplied for the connection ends.

### **Length**

Meters must conform to AWWA C700 standard as most recently revised.

### **Main cases: 1 1/2" through 2"**

All meters 1 1/2" through 2" shall have a body main case made of high quality copper alloy, with a separate, removable measuring element. The meter casting shall have raised characters denoting the size meter and the direction of water flow. The casting shall be permanently marked with the serial number of the meter in a manner so that the number is easily read from above. Meters shall be of the split case design.

**Laying Length**

Meters must conform to AWWA C700 standard as most recently revised. The laying length of PD meter and/or strainer assembly shall be as follows:

Meter Size	Meter
1 1/2"	13" Max
2"	17" Max

**Register Housings**

Register housing shall be constructed of an engineered polymer and provide full protection of the register assembly. Registers shall comply with AWWA C700 section 4.1.3 performance requirements in the latest revision. Register assemblies shall be secured to the main case in a tamper resistant fashion to prohibit unauthorized removal. Seal screws, tamper-resistant plugs, tamperproof screws, or locked devices are acceptable.

**Measuring Chambers**

The measuring chamber shall be of the two-piece oscillating piston or nutating disc design. No inferential-type meters will be allowed. Chambers shall be manufactured from an engineered polymer. Chambers shall be separate from the outer casing and so secured in the main case that the accuracy of the meter will not be affected by any distortion of the case. All wear prone surfaces shall be reinforced with a nylon material. All measuring chamber assemblies shall operate smoothly and be capable of sustaining long-term accuracy.

All motion from the piston shall be transferred to the register via magnetic drive. Piston oscillations or disc nutations must not exceed the figure recommended in Table one (1) of AWWA Standards C-700 latest version for the size of the meter being bid.

**Registration Accuracy**

All meters shall meet or exceed the following flow requirements:

Size	Low Flow GMP @ 95%	Normal Flow GMP 98.5% - 101.5%	Continuous Flow GPM
1"	3/4	3-50	25
1 1/2"	1 1/2	5-100	50
2"	2	8-160	80

**Magnetic Coupling**

The piston oscillations will be transferred to the sealed register through the use of a magnetic coupling. Meters with stuffing boxes, spindles and packing glands will not be acceptable.

**Headloss**

Meters shall conform to AWWA C-700 specifications as currently revised.

**Pressure Capability**

Meters shall operate up to a working pressure of 150 psi without damage or leakage. Accuracy shall not be affected by pressure variation up to 150 psi.

**Strainers**

All meters shall be provided with a strainer screen installed in the meter. Strainer screens shall be rigid, fit securely, be easy to remove and have an effective straining area at least two times that of the main case inlet.

**Warranties**

Meters shall be warranted by the manufacturer to meet AWWA **new meter accuracy** standards according to the following time periods and registered usage amounts, whichever occurs first:

Size Meter	Years Guaranteed	Registered Usage
1" C700	5 years from date of shipment	1,100,000 US Gallons
1 1/2" C700	5 years from date of shipment	1,600,000 US Gallons
2" C700	5 years from date of shipment	2,100,000 US Gallons

**Turbine Type Meters 1 1/2" through 4"**

**General Description**

Meters furnished under these specifications shall be the product of a manufacturer with at least ten years experience in meter manufacturing for the American Market. Meters shall be new, first line quality, turbine type for cold-water service. Meter sizes shall be inclusive and shall comply with the Class II AWWA Standard C701 latest revision and the minimum specification herein. Any low lead bronze shall not have less than 85% copper content. In addition, meter manufacturers will meet all guidelines established by California Bill AB1953 and ANSI/NFS Standard 61 Annex F and Annex G requirements. They shall be designed for use with potable water below 80 degrees F.

**Registration Accuracy**

All Turbine Type Meters shall meet or exceed the AWWA latest standard, as follows:

Size	Low Flow	Normal Flow GMP	Minimum
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	GMP @ 95%	98.5% - 101.5%	Intermittent Flow GPM
1 1/2"	3	4-160	200
2"	3	4-200	250
3"	4	8-450	550
4"	7	15-1000	1200

### **Main Cases**

The body main case shall be of bronze composition of a high tensile strength or epoxy coated ductile iron on 1 1/2" – 4" sizes and be capable of resisting distortion under pressure up to one hundred and fifty (150) psi. All meters shall have the size and direction of flow indicated on the case and shall be designed for easy removal of all interior parts without disturbing the connections to the pipeline.

### **Register Housings**

The register housing shall be constructed of an engineered polymer and provide full protection of the register assembly. Register assemblies shall be secured to the main case in a tamper resistant fashion to prohibit unauthorized removal. Seal screws, tamperproof screws, or other locking devices are also acceptable.

### **Measuring Chambers**

The measuring elements or chamber for all meters shall be of engineered polymer and shall be separate from the case and easily detached and removed there from.

Rotor spindles shall be of tungsten carbide, stainless steel or titanium alloy supported by radial bearings made of PTFE graphite compounds, synthetic sapphire, or sapphire/ceramic jewel.

### **Laying Length**

The laying length of Turbine meters and/or strainer assembly shall be as follows:

Meter Size	Meter/Meter & Strainer	Strainer	* Test Plug
1 1/2"	13"	7" Max	1" NPT
2"	17"	7" Max	1 1/2" NPT
3"	12"	7" Max	2" NPT
4"	14"	9" Max	2" NPT

\*Spool pieces with a test port are acceptable

### **Rotors**

The measuring impellers, vanes or rotors for all meters shall be polypropylene, nylon, hard rubber or engineered polymers and shall be mounted on a horizontal axis in the center of the measuring element with rotations of the turbine transmitted to the register by means of magnets. Straightening vanes of corrosion resistant material as required shall precede the rotor.

### **Strainers**

Integrally-cast stainless steel plate type strainers are required on sizes 1 ½" through 4" turbine meters. Strainers shall be rigid, easily removable, and have an effective straining area at least double that of the meter main case inlet. External strainer connections shall conform to the main case and shall be accompanied by gaskets, bolts and nuts.

### **Warranties**

At a minimum, all meters shall carry the following published warranties; Meters shall be guaranteed to be free from defects in materials and workmanship for a period of 24 months after installation and to meet AWWA C-701 Accuracy Standards for two years from date of shipment.

## **3.11 Contractor Receipt of City Supplied Material**

The City will supply all lid locks to be installed on the meter lids, and all meters three inches and larger. The Contractor shall pick up materials at the City's Corporation Yard located at 5730 24<sup>th</sup> Street. The Contractor shall be responsible for scheduling pick-up, receiving and transporting these items from the City of Sacramento Corporation Yard. All materials, once received, shall become the responsibility of the Contractor. Replacement of lost or damaged material shall be at the Contractor's expense.

The Contractor shall submit a request for parts to the Engineer. The Contractor shall coordinate with the Engineer on an appropriate time schedule and quantity of materials. The parts warehouse will have the parts available for pickup within five business days of receiving the request from the Engineer. The contractor shall schedule operations so that the number of occasions where these materials are picked up is kept to same number as the number of phases there will be for the entire project. For exceptions, contractor shall coordinate with the Engineer.

Upon completion of the project, any unused city supplied materials shall be returned to the City's Corporation Yard Located at 5730 24<sup>th</sup> Street. All equipment shall be like new condition to the satisfaction of the Engineer. The cost of damaged or unreturned material will be charged against the Contractor's retention at closeout. The Contractor shall coordinate with the Engineer on an appropriate time schedule for returning unused parts.

### **3.12 Meter Boxes and Lids**

Meter Boxes and lids shall be constructed of materials in accordance with the appropriate sections of ANSI/SCTE and shall be tested per the appropriate ASTM sections.

The meter box lids shall provide a slip resistant surface with a coefficient of friction greater than 0.5. Materials shall be resistant to chemicals, sunlight exposure, water absorption, and flammability. Lids shall have a 1 3/4" diameter hole with a 4" diameter, 1/8" deep recessed area centered over the 1 3/4" diameter hole to accommodate an automated meter reading endpoint and lid lock. All meter box lids shall sit flush with the rim of the meter box body and shall be seated no more than 1/16-inch into the body of the meter box. Lids shall be compatible with the automated meter reading infrastructure specified in the Water Meter section of these specifications.

For 1-inch services the nominal meter box size shall be 13"W x 24"L x 12"D. For 1 1/2-inch and 2-inch services the nominal size shall be 17"W x 30"L x 12"D.

The manufacturer shall submit documentation showing compliance with material strength and proof of design testing.

#### **Sidewalk and Driveway Meter Boxes and Lids**

Meter boxes and lids shall be constructed of a polymer concrete material with fiber reinforced plastic or a bulk moulding compound. All meter box and lids shall be identical in composition and have a matching "concrete gray" appearance. Meter boxes and lids shall meet all test provisions of the latest edition of the ANSI/SCTE 77 Tier 15 application or ASTM-C857: Load Category A-16.

The lids shall be marked "WATER", with a nominal lettering height of 1-inch and shall be indented into the surface of the lid to resist wear. To facilitate removal, the lid shall include two 1/2" x 2 5/8" - 4" (2 5/8" minimum length, and not to exceed 4" in length) pockets with integrated lifting bar to accommodate a standard manhole hook. No lids shall have a reading lid.

#### **Landscape Meter Boxes and Lids**

Meter boxes and lids shall be constructed of a concrete or a polymer concrete material with fiber reinforced plastic material.

Meter boxes constructed of a polymer concrete material with fiber reinforced plastic material shall meet all test provisions of the latest edition of the ANSI/SCTE 77 Tier 8 application.

Concrete meter boxes and lids shall have a compressive strength at yield of 3000 psi when tested per ASTM C-39: Load Category A-0.3.

Lids shall be "concrete gray" in appearance. To facilitate removal, the lid shall include two  $\frac{1}{2}$ " x  $2\frac{5}{8}$ "- 4" ( $2\frac{5}{8}$ " minimum length, and not to exceed 4" in length) pockets with integrated lifting bar to accommodate a standard manhole hook. No lids shall have a reading lid. The lids shall be marked "WATER", with a nominal lettering height of 1-inch and shall be indented into the surface of the lid to resist wear.

#### Alley, Traffic or Unimproved Street Location Meter Boxes and Lids

Meter boxes shall be constructed of an H20 traffic rated (per AASHTO-H20 load test) concrete material and shall meet the Cal Trans No. 5T or 6T State Specification. Lids shall be H20 rated.

The lid shall be "locked" into the meter box body with a 300 series  $\frac{3}{8}$ "-16 stainless steel button head with pin in hex bolt with washer. The hex shall be  $\frac{7}{32}$ " hex with pin. Each Lid shall have the term "PROPERTY OF CITY OF SACRAMENTO" welded onto the top. The letters shall be 1" in height. No lids shall have a reading lid.

#### Meter Boxes for 3" and Larger Meters

For 3-inch through 6-inch services the nominal meter box size shall be 30"W x 48"L x 12"-18"D. For 8-inch services the nominal meter box size shall be 30"W x 60"L x 12"-18"D. Meter boxes for 3" and larger meters shall meet the applicable specifications above for the specific application of the meter box.

### **3.13 Contractor Source Document for Monthly Billing**

The City shall provide the contractor with an electronic spreadsheet to maintain. The following information will be already populated by the City:

#### **Contractor Source Document (to be used for monthly billings)**

- Physical address (street number and name)
- Assessor's Parcel Number (APN)

The contractor shall record the following on the electronic spreadsheet:

- Date paid
- Assessor Parcel Number (APN) (if an added parcel)
- Meter number/serial number (via Barcode only, no manual input)
- Street number (if an added parcel)
- Street name (if an added parcel)
- Meter location
- Meter manufacturer

- Meter size
- Existing service size
- Existing service material
- Add/Delete
- Bid items completed
- Total concrete quantity (square foot)
- Extra concrete quantity (square foot)
- Additional comments depicting unusual situations

The Contractor is expected to correct any misinformation on the electronic spreadsheet, e.g. addresses.

An example of the spreadsheet can be found in the Appendix. The Contractor shall submit the spreadsheet electronically and provide a hard copy of the spreadsheet at the time each monthly billing is generated and no later than the 20<sup>th</sup> of each month. The Contractor shall also submit a weekly update on 11"x17" sized paper.

**Note: Meter serial number and MIU serial number shall not be manually populated into the electronic spreadsheet. A barcode reader shall be used.**

### **3.14 Placement of Meter Boxes**

- When an existing service is located in an alley, the meter box shall be placed at the property line of the alley.
- Where a park strip exists, the meter box shall be placed in the park strip.
- Where there isn't a park strip but a sidewalk exists, the meter box shall be placed in the sidewalk.
- Where there isn't a park strip or sidewalk but a curb exists, the meter box shall be placed in the non-traffic area behind the curb.
- Where there isn't a park strip, sidewalk or curb (unimproved streets), the meter box shall be placed adjacent to the property line within the street right-of-way.

If the Contractor placement of a meter box is ambiguous, then the placement shall be determined by the Engineer.

Meter boxes shall be installed to match vertical slope of surrounding conditions to a maximum vertical angle of 45 degrees. Should field conditions exceed this maximum angle, then the placement shall be determined by the Engineer.

Excavation for meter boxes shall be a minimum of eight inches (8") around all sides of the box to allow for proper compaction of the backfill and surface restoration around the box unless otherwise determined in the field by the Engineer.

The Contractor shall attempt to place the meter box such that only one flag of concrete need be removed without causing damage to the existing curb and gutter. Should the Contractor determine that the meter box location should fall on a joint between two flags of concrete, for reasons acceptable to the Engineer; both flags shall be removed and replaced.

Unless directed to by the Engineer, meter boxes are not to be placed within driveways.

### **3.15 Phasing**

The Contractor shall be required to produce and submit a Phasing Plan that is acceptable to the Engineer prior to starting any work. This plan shall illustrate the streets and properties impacted during each phase of construction, as well as the sequence of phases. This plan shall be submitted and approved a minimum of ten calendar days prior to the scheduled commencement of any work by the Contractor.

The plan shall limit the size of a phase to 300-400 retrofits.

The Contractor shall construct the meter retrofits in a phased manner as identified in the Phasing Plan. All changes to implementation of the Phasing Plan must be approved in writing by the Engineer.

Each phase shall be completed prior to beginning construction of additional phases and shall include fully tested and operational meter retrofits unless otherwise approved by the Engineer. Final paving, surface restoration, and all other items identified within these Special Provisions that fall within each phased area shall also be completed before moving to a subsequent phase.

### **3.16 De-watering**

A determination of groundwater level has not been made for this project. The Contractor shall be responsible for the control, removal, and disposal of any groundwater in accordance with Section 27 of the City Standard Specifications.

### **3.17 Tree Preservation Requirements**

Trees within the project area shall be protected by the following means:

1. The contractor shall hire an International Society of Arboriculture (ISA) certified arborist to do any required pruning for equipment clearance. The contractor shall contact the City Arborist (Dan Pskowski, 768-8604) for a root inspection(s) for trenching activities within the dripline(s) of the trees.

2. If during excavation for the project, tree roots greater than two inches in diameter are encountered, work shall stop immediately until the project arborist can perform an on-site inspection. All roots shall be cut clean and the tree affected may require supplemental irrigation/fertilization and pruning as a result of the root cutting. The project sponsor will be responsible for any costs incurred. Depending upon the amount of roots encountered and the time of year, wet burlap may be required along the sides of the trench.
3. The contractor shall be held liable for any damage to existing trees, i.e. trunk wounds, broken limbs, pouring of any deleterious materials, or concrete washout under the dripline of the trees. Damages will be assessed using the A Guide to Plant Appraisal eighth edition, published by the International Society of Arboriculture. An appraisal report shall be submitted for review by the City Arborist.
4. Tree protection methods noted above shall be identified on all construction plans for the project.

### **3.18 Cultural Resources**

Observation will be employed by the Contractor and the Engineer during this project to ensure that any cultural resources identified are treated in accordance with the guidelines set forth in CEQA.

Construction activities will be monitored nearing depths of native soil.

Trenches will be monitored for any cultural indicators such as changes in soil color, composition, or texture; human bone; artifacts; and structural remains and features.

### **3.19 Payment**

No separate payment will be made to the Contractor for complying with the requirements of this section. The cost of such work shall be included in whatever bid item the Contractor deems appropriate.

**\* END OF SECTION \***

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## **SECTION 4 - ITEMS OF THE PROPOSAL**

**Item No. 1 Construction Photographs or Video (Note: The bid amount for "Construction Photographs or Video" shall be one percent or less of the total base bid.)**

This item shall consist of providing pre-construction and post-construction photographs or video of all work. Photographs or video shall meet the requirements of Section 11 of the City Standard Specifications, except as modified herein or as directed by the Engineer.

A photograph or video of each meter service retrofit installation location shall be taken and the address of the property shall be clearly identified on each photograph or in the video. Pre-construction photographs or video shall be submitted prior to the start of construction. Photographs or video shall include all pavement and landscaping features within the construction area at each property. The Contractor shall submit as many photographs or as much video as necessary to clearly depict the condition of the existing pavement and landscaping features at each property. Special emphasis shall be placed on existing pavement, structures, flowerbeds, trees, or any other item in close proximity to the construction area. Upon completion of work at each property, the Contractor shall have post-construction photographs or video taken at the same locations that the pre-construction photos or video were taken. All photographs or video shall be taken with a digital still camera or video recorder and provided to the City on a DVD.

Each property shall be placed in a folder. The folder can either include all properties located on the given street or each property shall have its own folder. The folders shall be titled with a descriptive name, e.g. either the name of the street or the property address. The folders shall be indexed on the DVD.

Payment for construction photographs shall be at the contract lump sum price bid and shall include full compensation for furnishing all labor, materials, tools, required processing, and equipment, and for performing all work necessary to complete this item in accordance with the City Standard Specifications, these Special Provisions, and as directed by the Engineer.

**Item No. 2 Meter Retrofit of 1-inch Water Services**  
**Item No. 3 Meter Retrofit of 1½-inch Water Services**  
**Item No. 4 Meter Retrofit of 2-inch Water Services**

This item shall consist of furnishing and installing 2-inch and smaller meter setters, curb stops, meter boxes, lids, water meters, required pipe, fittings, and all other materials required to complete the installation of the service retrofit on existing residential and

commercial water services in accordance with Section 10, 27 and 38 of the Standard Specifications and the applicable details as shown in the Appendix of these Special Provisions. All meter retrofits shall be installed in accordance with the installation methods outlined in American Water Works Association Standards M6 - Manual of Water Supply Practices (AWWA), the UPC, and Technical Drawings located in the Appendix of these Special Provisions.

<b>Service Size</b>	<b>Technical Dwg.</b>
• 1" service to retrofit	W-402R
• 1 ¼" single family residential retrofit	W-402R
• 1 ¼" multi-family residential retrofit	W-507R
• 1 ½" service to retrofit	W-507R
• 2" service to retrofit	W-507R

1-inch meter setters shall be installed on ¾-inch services. Single family residential properties with 1¼-inch services shall have a 1-inch meter as determined in the field by the Engineer. Multi-family units with a 1 ¼ -inch service shall have a 1 ½ -meter. The Contractor is responsible for supplying all fittings and any additional pipe necessary to complete the meter retrofit installation and shall adjust pipe diameter, pipe material, and horizontal or vertical alignments.

**It shall be the Contractor's responsibility to locate the existing water service laterals curb or corporation stops.** All USA markings identifying water features will be verified by the Contractor. All cost associated with this work including all re-work if the USA markings are found to be incorrect shall be included in this item. Included in the Appendix is a list of addresses of properties that need to be retrofit and any service location records that exist. The service location records are provided as a reference only and in no way does the City guarantee the accuracy of the records.

If a backflow prevention assembly is found at any of the listed retrofit addresses in the field, the Contractor shall contact the Engineer for direction on replacement, removal, or other required action.

The quantity of 2-inch and smaller service retrofits shown on the bid proposal is for bidding purposes only. The unit price indicated for 2-inch and smaller meter service retrofits will not be adjusted because the actual number of required meter service retrofits varies from the quantity shown on the bid proposal.

**Water main shut downs to turn off the service during the meter retrofit of a water service will not be allowed. The Contractor shall be responsible for shutting off**

**the service during the meter retrofit of the water service by crimping the service or utilizing other AWWA approved method.**

The Contractor shall reconnect the existing water service on the property owner's side of the meter box so that the residential water system is in service when this item is complete. If the residential water system is in such poor condition that the contractor cannot reconnect to the service, the Contractor shall replace a portion of the service until a suitable connection point can be found. This item shall include replacing up to 5 feet of the customer's service. Additional footage shall be paid under a separate item.

Typical retrofit details can be found in the Appendix. Not all water connections will match the typical details.

A random sampling of existing curb stop depths was performed within the project area. The existing depths from finished grade to the top of curb stop varied between 14- to 48- inches. No separate payment will be made for retrofits installed that vary within these depths.

Surface restoration associated with this item shall be in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract. Pavement cutting shall be perpendicular and parallel to the centerline of the road. The Contractor shall saw cut, repair or replace existing sidewalk, driveway, alley or street surface, up to 54"x 54" (20.25 sq ft.), provide new sod, shrubbery, fencing, and repair or replacement of existing improvements on private property that may be damaged as a result of the installation of the meter service retrofit. Additional surface restoration beyond 20.25 sq. ft. per each retrofit location, as directed by the Engineer, shall be paid under a separate bid item.

Payment shall be at the unit price bid per each retrofit and shall include full compensation for furnishing all labor, material except as furnished by the City, tools, equipment and incidentals and for doing all work involved with the installation of 2-inch and smaller service retrofits as specified in these Special Provisions and as directed by the Engineer.

#### **Item No. 5 2-inch and Smaller Substandard Water Service Replaced**

A 2-inch and smaller water service shall be considered substandard if not made of copper or HDPE tubing as determined by the Engineer.

If the Contractor finds a substandard service, the Contractor shall notify the Engineer and shall cover the excavation with temporary plates until the Engineer has made an inspection.

Substandard water services encountered during construction shall be removed and replaced in accordance with Sections 10, 27, and 38 of the Standard Specifications. All HDPE pipes shall have a locating wire installed per Section 27 of the City Standard Specifications.

This item shall consist of furnishing and installing all required water service piping and all other items to place and connect water services as shown on the detail in the Appendix from the water main to the existing curb stop at the property. Water service pipe for a 2-inch and smaller water service shall be in accordance with Section 10 and 38 of the Standard Specifications.

The service piping placed shall match existing size unless smaller than 1-inch diameter, in which case a 1-inch diameter service shall be placed. The new pipe shall be placed from the existing curb stop to the existing corporation stop or gate valve. If the existing curb stop and box is located behind the sidewalk, the Contractor shall replace the service pipe back to the existing curb stop. If the curb stop is located under a concrete surface, the Contractor may tunnel no more than three feet under the concrete to connect to the existing curb stop. If tunneling is used, the Contractor shall use a CDF material to backfill the area in accordance with Section 10 of the Standard Specifications. The service must be embedded in six inches of sand prior to placing CDF.

If existing corporation stop or gate valve cannot be reused through no fault of the Contractor, the work associated with installing a new corporation stop or gate valve will be considered extra work and paid per Section 8 of the Standard Specifications.

The Contractor shall reconnect the existing water service on the property owner's side of the meter box so the residential water system is in service when this item is complete. (The installation of the meter box and meter shall be paid for under a separate item.)

Maximum time for shutdown of any water service to any residence or business shall be four (4) hours.

The removed material shall become the property of the Contractor and he will dispose of at their discretion, except for existing meters to be replaced. Meters shall be returned to the Engineer upon removal.

The exact number and location of substandard water services to replace shall be determined in the field. The quantity of substandard water services to be replaced shown on the Proposal is for bidding purposes only. The unit price indicated for

substandard services to be replaced will not be adjusted because the actual number of required substandard services varies from the quantity shown in the Proposal.

This item shall include the cost of saw cutting and repairing or replacing existing street, alley, curb, gutter or sidewalk, providing any new sod, shrubbery, fencing, and repair or replacement of other existing improvements on private property that may be damaged as a result of the installation of the water services.

Surface restoration associated with this item shall be in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract. Pavement cutting shall be perpendicular and parallel to the centerline of the road.

Payment shall be at the unit price bid per each substandard water service replaced and shall include full compensation for furnishing all labor, material, tools, equipment and incidentals and for doing all work involved in replacing substandard water services as specified in these Special Provisions and as directed by the Engineer.

**Item No. 6 1-Inch Water Service with Meter, to Furnish and Install (main to hose bib)**

This item shall consist of furnishing and installing a water service from the water main to the ¾-inch (minimum) front, side or rear hose bib at the property as determined by the Engineer. Each water service shall include furnishing and placing saddle, corporation stop, fittings, pipe, preparing the hose bib for hook-up in accordance with the UPC, trenching, boring, placing the water service pipe, installing the meter setter, water meter, meter box, and lid and connecting the pipe to the hose bib, meter box and main, backfilling, landscaping, and any other miscellaneous work encountered to bring the new residential water system and water service lateral on line.

The water services and their installation shall meet the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications and these Special Provisions. All HDPE pipes shall have a locating wire installed per Section 27 of the City Standard Specifications.

This item shall include up to 80 feet of water service from the main to the closest ¾-inch (minimum) hose bib as directed by the Engineer. Additional footage shall be paid under a separate item.

It is the Contractors responsibility to locate the existing residential, commercial, and city services and curb or corporation stops. All USA markings identifying water features will be verified by the Contractor. All cost associated with this work shall be included in this item.

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**The new water service pipe shall take a path around, not under, the house. All pipe on the property owners side of the meter setter/curb stop shall be type K copper or HDPE per Section 10 of the City Standard Specifications and the details found in the Appendix.**

The Contractor shall install pipe, shut off valves, union, and fittings where none previously existed, or existing material is galvanized, or existing is not in a working condition as determined by the Engineer.

Typical details can be found in the Appendix. Not all water connections will match the typical details.

The quantity of 1-inch water services to install and connect from the main to the hose bib as shown on the Proposal is for bidding purposes only. The unit price indicated will not be adjusted because the actual number varies from the quantity shown on the Proposal.

Surface restoration associated with this item shall be in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract. Pavement cutting shall be perpendicular and parallel to the centerline of the road. The Contractor shall saw cut, repair or replace existing curb, gutter, sidewalk, driveway, alley or street surface, provide new sod, shrubbery, fencing, and repair or replacement of existing improvements on private property that may be damaged as a result of the installation of the water service retrofit. Additional concrete beyond 20.25 sq. ft. per each retrofit location, as directed by the Engineer, shall be paid under a separate bid item. The removal and replacement of on-site concrete patios and walkways, driveways, and sidewalks in order to construct this item, shall be paid for under this item.

Payment shall be at the contract unit price bid for each water service installed and connected from the main to hose bib and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

**Item No. 7 1-Inch Residential Water Pipe to Furnish and Install (meter to hose bib)**

**Item No. 8 1 ½ -Inch Residential Water Pipe to Furnish and Install (meter to hose bib)**

This item shall consist of furnishing and installing additional residential water pipe in excess of 80 feet for new services installed from main to hose bid and when a connection for a

retrofit is in excess of 5 feet or as determined by the Engineer. Residential water service pipe shall include furnishing and placing Type K copper or HDPE tubing, trenching, backfilling, landscaping, and any other miscellaneous work encountered to bring the new residential water system on line. Installation shall meet the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications and these Special Provisions.

The quantity of residential water service pipe to install as shown on the Proposal is for bidding purposes only. The unit price indicated will not be adjusted because the actual footage varies from the quantity shown on the Proposal.

Surface restoration associated with this item shall be in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract.

This item shall include providing any new sod, shrubbery, fencing, and repair or replacement of other existing improvements on private property that may be damaged as a result of the installation of the residential water system. The removal and replacement of on-site concrete patios and walkways, driveways, and sidewalks in order to construct this item, shall be paid for under this item.

Payment shall be at the contract unit price bid per linear foot of water service furnished and installed and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

**Item No. 9 4" Water Meter Retrofit**

This item shall consist of installing 4-inch water meters on existing water services in accordance with Section 10, 27 and 38 of the Standard Specifications and Standard Drawing W-509 and W-515 as shown in the Appendix of these Special Provisions.

<b>Service Size</b>	<b>Technical Dwg.</b>
• 4" service to retrofit without backflow device	W-515
• 4" irrigation service to retrofit (without backflow device)	W-509

It is the Contractor's responsibility to locate the existing water service laterals and curb or corporation stops. All USA markings identifying water features will be verified by the Contractor. All cost associated with this work including all re-work if the USA markings are found to be incorrect shall be included in this item.

Contractor shall be responsible for furnishing and installing 4-inch pipe, fittings, meter boxes, lids, valves, standpipes, valve boxes, concrete, supports and all other necessary

components to properly install 4-inch meters. The City will furnish 4" meters. The Contractor shall install the meters.

For 4" water service to retrofit with existing backflow device only: When the meter is being installed on a backflow device, the Contractor shall note that the backflow device is required to be retested by a certified tester and if repairs are needed, the cost of such repairs shall be included in this bid item.

The quantity of 4-inch water meters to be placed shown on the Proposal is for bidding purposes only. The unit price indicated for 4-inch water meters to be placed will not be adjusted because the actual number of required water meters varies from the quantity shown on the Proposal.

This item shall include the cost of saw cutting and repairing or replacing existing curb, gutter, sidewalk, alley or street surface, providing any new sod, shrubbery, fencing, and repair or replacement of other existing improvements on private property that may be damaged as a result of the installation of the water services.

The Contractor shall reconnect the existing water service on the property owners side of the meter box so that the water customer's water service is in service when this item is complete.

Surface restoration associated with this item shall be in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract. Pavement cutting shall be perpendicular and parallel to the centerline of the road.

Payment shall be at the unit price bid per each 4-inch water meter retrofit and shall include full compensation for furnishing all labor, tools, equipment and incidentals and for doing all work involved with the installation of 4-inch water meters as specified in these Special Provisions and as directed by the Engineer.

#### **Item No. 10 Street Water Service, to Abandon**

The Contractor shall abandon water services as directed by the Engineer.

The Contractor shall turn off the corporation stop and cut and abandon the service at the corporation stop. The Contractor shall turn off the curb stop, fill the standpipe with concrete and grout the lid in place. If the Contractor is unable to locate either the curb or corporation stops, he shall use an Engineer approved alternate construction method to abandon the existing water service.

Surface restoration associated with this item shall be in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract. Pavement cutting shall be perpendicular and parallel to the centerline of the road.

The quantity of services to abandon on the Proposal is for bidding purposes only. The unit price indicated will not be adjusted because the actual number varies from the quantity shown on the Proposal.

Payment shall be at the contract unit price bid for each water service abandoned and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

#### **Item No. 11 Concrete, to Remove and Replace**

This item shall cover all concrete pavement replacement not specified in the previous bid items. Where directed by the Engineer, the Contractor shall remove concrete pavement and replace the surface in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract. Unless otherwise directed by the Engineer, newly placed concrete paving shall match existing pavement edges. Concrete shall meet the applicable portions of Sections 10, 18, 19, and 24 of the City Standard Specifications. Limits of concrete removal and replacement shall be approved by the Engineer prior to work.

Included in this item are the saw cutting, excavation, removal and disposal of existing concrete pavement. Existing manhole/vault head and covers, valve or meter box and lids, castings and other associated appurtenances shall be salvaged and reset at the proposed grades. At the Engineer's discretion, any box or lids damaged by the Contractor's operation shall be repaired or replaced by the Contractor for no additional charge.

The quantity of concrete shown on the Proposal is for bidding purposes only. The unit price indicated will not be adjusted because the actual quantity varies from the quantity shown on the Proposal.

Payment shall be at the unit price bid per square foot of concrete to remove and replace and shall include full compensation for furnishing all labor, material, tools, equipment, incidentals and for performing all work necessary to complete this item in place in accordance with these Special Provisions, the City Standard Specifications and as directed by the Engineer.

**Item No. 12 Asphaltic Concrete Pavement to Remove and Replace**

This item shall cover miscellaneous asphalt concrete pavement to remove and replace not specified in the previous bid items. Where directed by the Engineer, the Contractor shall remove asphalt concrete pavement and replace the surface in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract. Unless otherwise directed by the Engineer, newly placed concrete paving shall match existing pavement edges.

Included in this item are the saw cutting, excavation, removal and disposal of existing asphalt concrete pavement. Existing manhole/vault head and covers, valve or meter box and lids, castings and other associated appurtenances shall be salvaged and reset at the proposed grades. At the Engineers discretion, any box or lids damaged by the Contractor's operation shall be repaired or replaced by the Contractor for no additional charge.

Payment shall be at the unit price bid per square foot and shall include full compensation for furnishing all labor, material, tools, equipment and incidentals and for doing all work involved in concrete pavement removal and replacement as shown on the Plans, as specified in these Special Provisions and as directed by the Engineer.

**Item No. 13 1-Inch Meters to Furnish and Install in Existing Meter Box**

This item shall include the installation of water meters in an existing meter box. Contractor shall install a meter only when the depth from top of meter box to the top of idler is 12-inches or less. If depth is greater than 12-inches, then a 1-inch retrofit item will be performed. This shall include shutting off the water to the existing service, removing and disposing of the idler and furnishing and placing the new meter in the existing meter setter. If there isn't an existing meter setter, then the Contractor shall place and connect the meter to the existing water service piping. Once the meter is installed, the Contractor shall turn the water back on to the property and flush the service line.

The quantity of 1-Inch meters to furnish and install within existing meter boxes shown on the Proposal is for bidding purposes only. The unit price indicated will not be adjusted because the actual quantity varies from the quantity shown on the Proposal.

Payment shall be at the unit price bid for each 1-Inch meter furnished and installed within existing meter box and shall include full compensation for furnishing all labor, material, tools, equipment and incidentals and for doing all work to complete this item in place.

**Item No. 14 1-Inch Water Service (main to meter)**

This item shall consist of furnishing and installing water services from the water main up to and including the meter in accordance with the Standard Specifications Sections 10, 27, and 38, these Special Provisions, and Standard Drawing W-405 as shown in the Appendix. Not all water connections will match the typical details. All HDPE pipes shall have a locating wire installed per Section 27 of the City Standard Specifications.

Each water service shall include furnishing and placing a 1-inch saddle, corporation stop, fittings, and pipe. Also included is installing the meter setter, meter, box, and lid; connecting the pipe to the main and residential system; backfilling, landscaping, and any other miscellaneous work encountered to bring the new water service lateral on line. This item shall also include up to two connections on the owner's property.

It is the Contractors responsibility to locate the existing residential, commercial, and city services and curb or corporation stops. All USA markings identifying water features will be verified by the Contractor. All cost associated with this work shall be included in this item.

The quantity of 1-inch Water Service (main to meter) to install and connect from the main up to and including the meter as shown on the Proposals for bidding purposes only. The unit price indicated will not be adjusted because the actual number varies from the quantity shown on the Proposal.

Surface restoration associated with this item shall be in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract. Pavement cutting shall be perpendicular and parallel to the centerline of the road. The Contractor shall saw cut, repair or replace existing curb, gutter, sidewalk, driveway, alley or street surface up to 54"x54" (20.25 sq.ft.), provide new sod, shrubbery, fencing, and repair or replacement of existing improvements on private property that may be damaged as a result of the installation of the water service retrofit. Additional surface restoration beyond 20.25 sq. ft, as directed by the Engineer, shall be paid under a separate bid item.

Payment shall be at the contract unit price bid for each water service installed and connected from the main up to and including the meter and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

**Item No. 15 Water Service, to Separate**

As directed by the Engineer, the Contractor shall separate water services where a service provides water to more than one property. A new service will be installed on the adjacent property and paid for under a separate item.

The service separation and new water service connection shall take place simultaneously. If there are hose bibs off the service, the Contractor shall cut and cap the service on the far side of the hose bib so that the hose bibs remain operable.

When the Contractor separates the service, the service shall be cut and capped so that no live water service shall cross the property line.

This item shall include providing any new sod, shrubbery, fencing, and repair or replacement of other existing improvements on private property that may be damaged as a result of the separation of the water service. The removal and replacement of on-site concrete patios and walkways, in order to construct this item, shall be paid for under this item.

The quantity of water services to separate on the Proposal is for bidding purposes only. The unit price indicated will not be adjusted because the actual number varies from the quantity shown on the Proposal.

Payment shall be at the contract unit price bid for each water service separated and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

**Item No. 16 Hybrid Water Service with Meter to Furnish and Install (main to front/side/rear hose bib)**

This item shall consist of furnishing and installing a water service from the water main to the ¾-inch (minimum) front, side or rear hose bib at the property as determined by the Engineer. Each water service shall include furnishing and placing a 1-inch saddle, corporation stop, fittings, and pipe. Also included is preparing the hose bib for hook-up in accordance with the UPC, trenching, boring, placing 1½-inch residential water service pipe from the meter to the hose bib, installing the meter setter, meter, meter box, and lid; connecting the pipe to the hose bib, meter setter and main; backfilling, landscaping, and any other miscellaneous work encountered to bring the new residential water system and water service lateral on line.

The water services and their installation shall meet the applicable requirements of Sections 10, 27, and 38 of the City Standard Specifications, these Special Provisions,

and typical details found in the Appendix (W-402HB, W-XXX, and W-Op1n3). Not all water connections will match the typical details.

This item shall include up to 80 feet of water service from the main to the ¾-inch (minimum) front, side or rear hose bib as directed by the Engineer. Additional footage shall be paid under a separate item.

It is the Contractors responsibility to locate the existing residential, commercial, and city services and curb or corporation stops. All USA markings identifying water features will be verified by the Contractor. All cost associated with this work shall be included in this item.

**The new water service pipe shall take a path around, not under, the house. All pipe on the property owners side of the meter setter/curb stop shall be type K copper or HDPE per Section 10 of the City Standard Specifications and the details found in the Appendix.** All HDPE pipes shall have a locating wire installed per Section 27 of the City Standard Specifications.

The Contractor shall install pipe, shut off valves, union, and fittings where none previously existed, or existing material is galvanized, or existing is not in a working condition as determined by the Engineer.

The quantity of hybrid water services (main to front/side/rear hose bib) to install and connect from the main to the hose bib as shown in the Proposal is for bidding purposes only. The unit price indicated will not be adjusted because the actual number varies from the quantity shown in the Proposal.

Surface restoration associated with this item shall be in accordance with the section of the Water Construction Requirements of these Special Provisions, entitled "Pavement Cutting and Surface Restoration" and shall be paid for under this item of the contract. Pavement cutting shall be perpendicular and parallel to the centerline of the road. The Contractor shall saw cut, repair or replace existing curb, gutter, sidewalk, driveway, alley or street surface up to 54"x54" (20.25 sq.ft.), provide new sod, shrubbery, fencing, and repair or replacement of existing improvements on private property that may be damaged as a result of the installation of the water service retrofit. Additional surface restoration beyond 20.25 sq. ft, as directed by the Engineer, shall be paid under a separate bid item.

Payment shall be at the contract unit price bid for each hybrid water service installed and connected from the main to hose bib and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

#### Section 4-13

**Item No. 17 Existing Valves, Tees, Saddles and Water Main, to Remove, Cap or Abandon**

This item shall consist of removing, capping, or disconnecting and abandoning existing water mains, valves, tees and saddles as indicated on the Cut & Cap Plan included in the Appendix or as directed by the Engineer in accordance with these Special Provisions. All work to repair existing water mains, associated with removal or abandonment, shall also be covered under this item.

At locations where a water main will be cut, capped and abandoned, the main shall be exposed a minimum of one working day prior to completing the work for Engineer's final approval of cut location. All abandoned connections shall be removed such that no protrusions remain on the live main, and any sections removed from the live main shall be repaired. The method for a main to be abandoned shall be one of the following, depending on the material of the water main:

- Asbestos-cement, steel, and cast iron pipe shall be plugged with two (2) feet of concrete.
- Steel pipe shall be abandoned by welding 1/4-inch thick steel plate on cut ends.
- Use of a restrained MJ cap to abandon steel main, rather than welding, in the event that valve shutdown does not effect a positive shutdown, will be subject to Engineer approval and shall continue to be paid under this item.

At locations where permanent caps will be installed on existing water mains, which are to remain live, the water main shall be exposed a minimum of one working day prior to capping for Engineer's final approval of cut location. The method of capping the mains depends on the type of existing pipe:

- Asbestos-cement pipe shall be transition flex coupling, 3' PVC pipe, and an MJ cap with a thrust block.
- Cast iron pipe shall be capped by installing an MJ cap and a thrust block.

The Contractor shall furnish and install water main pipe, elbows, fittings, tees, and appurtenances as necessary to remove, repair, cap or abandon an existing water main at the locations and to the details shown in the Appendix, or as directed by the Engineer.

All items, including but not limited to the cut pipe, valves and appurtenances, that are removed during these procedures shall become the property of the Contractor and shall be disposed of at the Contractor's expense.

Surface restoration associated with this item shall be performed as specified elsewhere in these Special Provisions and paid for under this item.

Payment shall be at the contract lump sum and shall include full compensation for furnishing all labor, materials, tools and equipment, and for performing all work necessary to complete this item in place.

**\*END OF SECTION\***

Section 4-15

## APPENDICES

- A. Project Boundary Map
- B. Project Site Addresses
- C. Drawing Index

Drawing No.	Description
W-402R	Retrofit of 1-Inch Water Service Within Existing Sidewalk
W-402RB	Retrofit of 1-Inch Water Service at Back of Walk
W-402HB	Installation of Hybrid Water Service with Meter Box and Meter within Existing Sidewalks
W-404	Tap Excavation Requirements on Existing Mains Thru 12" Taps
W-405	1 " Residential Water Services
W-XXX	Three Options (for Connection to House)
W-Op1n3	Water Service Connection at Hose Bibb
W-507R	Retrofit of 1 ½-Inch & 2-Inch Water Service within Existing Sidewalk
W-509	Retrofit of 3"-8" Water Service without BF Device on Looped or Irrigation System
W-515	3"-8" Water Service Below Ground with Bypass (Compound Meters)

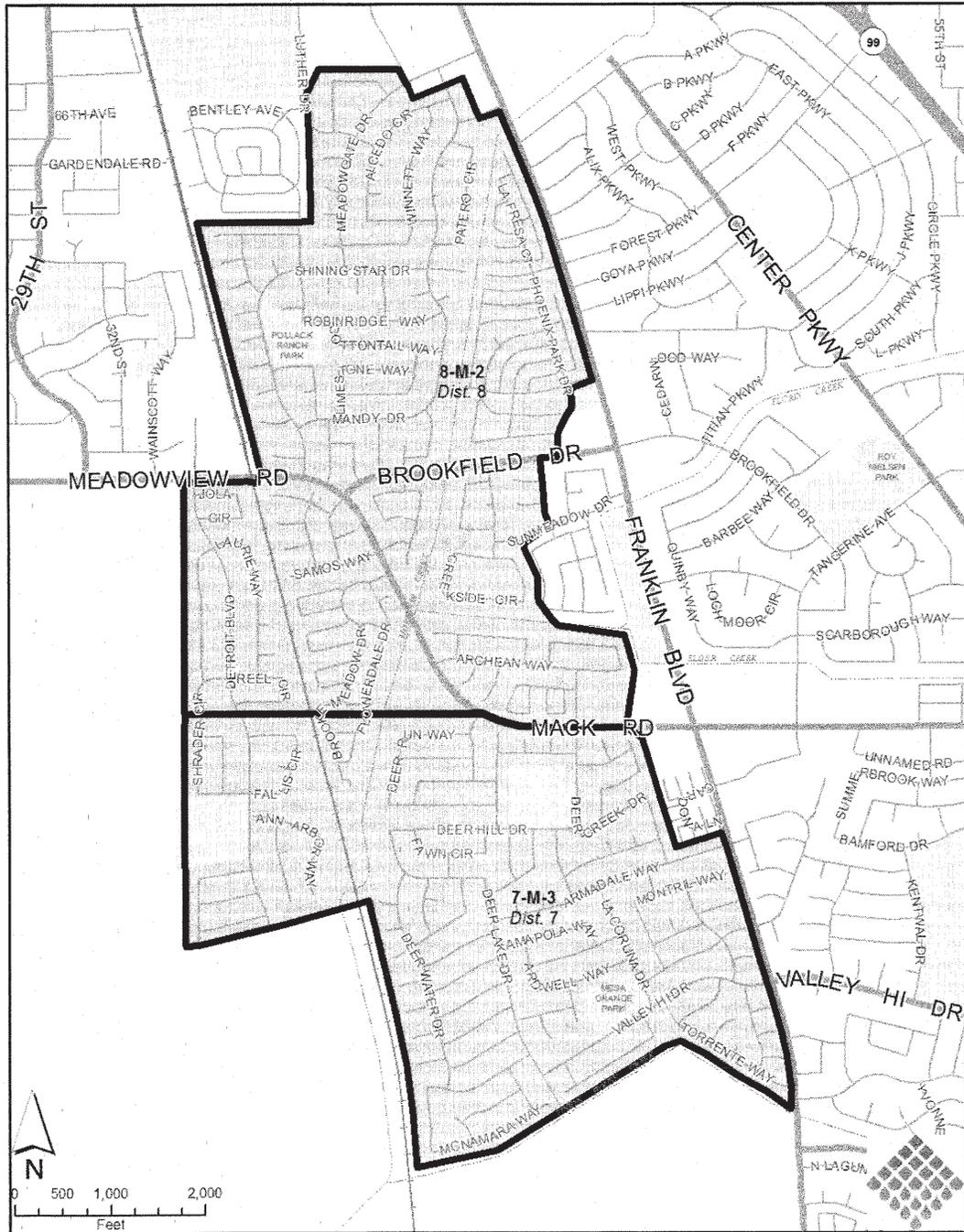
- D. Notification Letters
- E. Contractor Source Documents for Monthly Billing - Example
- F. Sidewalk Closure Policy
- G. Legend for Curb Stop Locations Abbreviations found in Project Site Addresses
- H. Cut & Cap Plan

# **Appendix A**

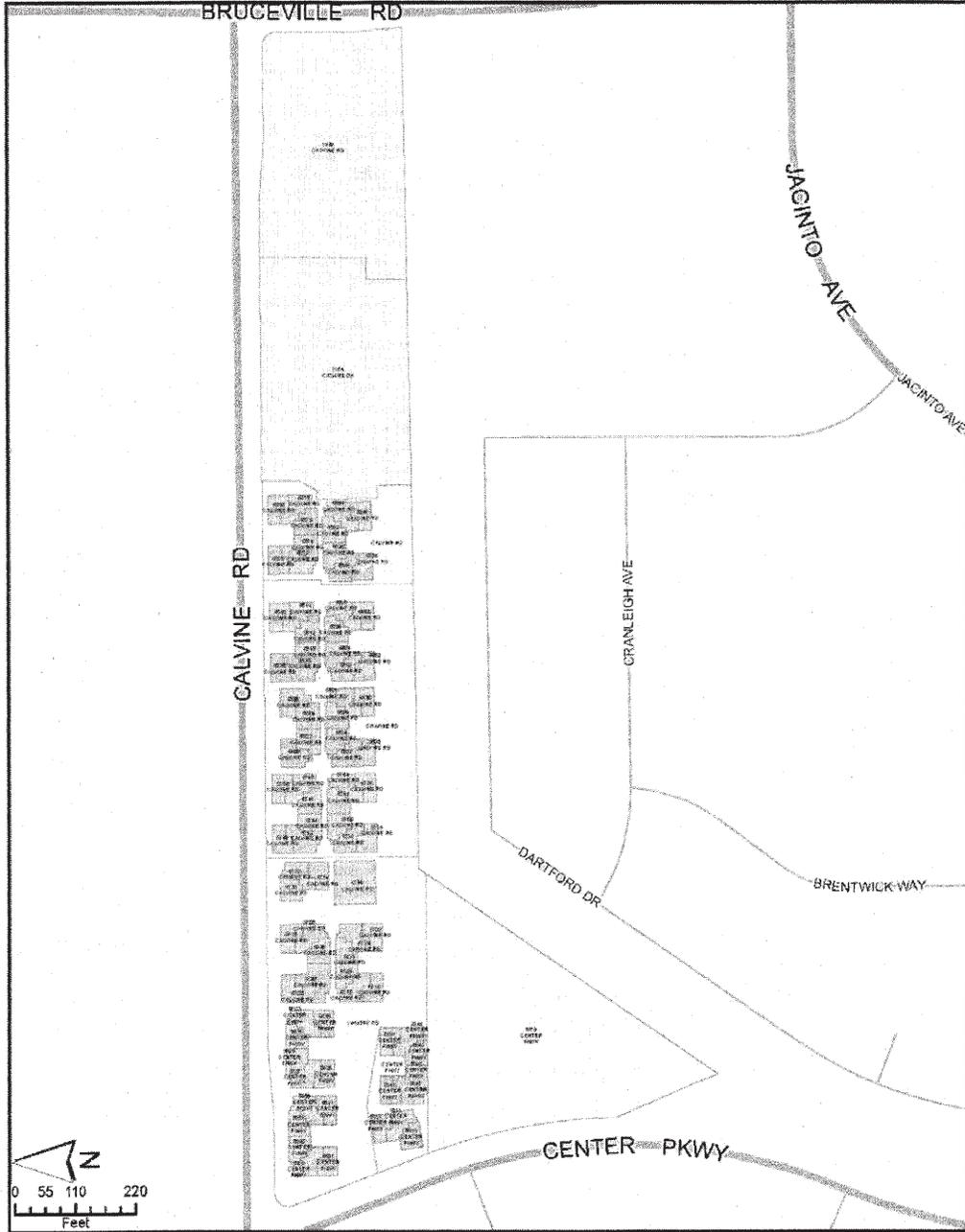
## **Project Boundary Map**

# LOCATION MAP

## Parkway & Valley Hi WMR



**LOCATION MAP**  
Calvine Road & Center Parkway



Date: 10/8/2013

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# **Appendix B**

## **Project Site Addresses**

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1	4902700130000	7304	FRANKLIN BLVD # 1	1.25		3 NSLL 74 SNLL - 15 EEPL of Alley	4 Unit Condo
2	4902700170000	0	DOSS WY				Sacramento County sewer sanitary station
3	4902810010000	7312	FRANKLIN BLVD # 1	1.25			4 Unit Condo
4	4902810020000	7320	FRANKLIN BLVD # 1	1.25		28.5 NSLL	4 Unit Condo
5	4902810030000	7328	FRANKLIN BLVD # 1	1.25			4 Unit Condo
6	4902810040000	7336	FRANKLIN BLVD # 1	1.0			4 Unit Condo
7	4902810050000	7344	FRANKLIN BLVD # 1	1.25			4 Unit Condo
8	4902810060000	7352	FRANKLIN BLVD # 1	1.25		28.5 SNLL	4 Unit Condo
9	4902810070000	7360	FRANKLIN BLVD # 1	1.25		28.5 SNLL	4 Unit Condo
10	4902810080000	7368	FRANKLIN BLVD # 1	1.25		28 SNLL	4 Unit Condo
11	4902810090000	7376	FRANKLIN BLVD # 1	1.25		28 NSLL	4 Unit Condo
12	4902810100000	7384	FRANKLIN BLVD # 1	1.25			4 Unit Condo
13	4902810110000	7392	FRANKLIN BLVD # 1	1.25		28 NSLL	4 Unit Condo
14	4902810120000	7400	FRANKLIN BLVD # 1	1.25		28 NSLL	4 Unit Condo
15	4902810130000	7408	FRANKLIN BLVD # 1	1.25			4 Unit Condo
16	4902810140000	7416	FRANKLIN BLVD # 1	1.25			4 Unit Condo
17	4902810150000	7424	FRANKLIN BLVD # 1	1.25			4 Unit Condo
18	4902810160000	7432	FRANKLIN BLVD # 1	1.25		28 SNLL	4 Unit Condo
19	4902810170000	7440	FRANKLIN BLVD # 1	1.0			4 Unit Condo
20	4902810180000	7448	FRANKLIN BLVD # 1	1.25		32 NSLL	4 Unit Condo
21	4902810190000	7456	FRANKLIN BLVD # 1	1.25		32 NSLL	4 Unit Condo
22	4902810200000	7464	FRANKLIN BLVD # 1	1.25			4 Unit Condo
23	4902810210000	7472	FRANKLIN BLVD # 1	1.50		72 WWVC of Franklin, 21 NSC of G Pkwy	4 Unit Condo
24	4902810220000	1	LA FRESA CT # 1	1.25		81 EEC La Fresa, 19 SNC	4 Unit Condo
25	4902810230000	9	LA FRESA CT # 1	1.25		Shining Star (9/14/05)	4 Unit Condo
26	4902810240000	17	LA FRESA CT # 1	1.25		35 SNLL	4 Unit Condo
27	4902810250000	25	LA FRESA CT # 1	1.25		28 SNLL, 26 NSLL, 10 EWPL	4 Unit Condo
28	4902810260000	33	LA FRESA CT # 1	1.25		29 SNLL	4 Unit Condo
29	4902810270000	41	LA FRESA CT # 1	1.0			4 Unit Condo
30	4902810280000	49	LA FRESA CT # 1	1.25			4 Unit Condo
31	4902810290000	57	LA FRESA CT # 1	1.25			4 Unit Condo
32	4902810300000	65	LA FRESA CT # 1	1.25		36 SNLL	4 Unit Condo
33	4902810310000	73	LA FRESA CT # 1	1.25		29 SNLL	4 Unit Condo
34	4902810320000	81	LA FRESA CT # 1	1.25			4 Unit Condo
35	4902810330000	89	LA FRESA CT # 1	1.25			4 Unit Condo
36	4902810340000	97	LA FRESA CT # 1	1.25		3 NSLL - 53 SNLL - 16 WWPL of Alley	4 Unit Condo
37	4902810350000	105	LA FRESA CT # 1	1.25		28 NSLL	4 Unit Condo
38	4902810360000	115	LA FRESA CT # 1	1.25			4 Unit Condo
39	4902810370000	123	LA FRESA CT # 1	1.25		56 NSLL	4 Unit Condo

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
40	4902820010000	98	LA FRESA CT	1.25	WV 64' WWC of La Fresa Court, 3' NNPL of Alley		Pool house - place 1" meter
41	4902820020000	90	LA FRESA CT # 1	1.25		30 NSLL	4 Unit Condo
42	4902820030000	82	LA FRESA CT # 1	1.25			4 Unit Condo
43	4902820040000	74	LA FRESA CT # 1	1.25		35 SNLL	4 Unit Condo
44	4902820050000	66	LA FRESA CT # 1	1.25		34 NSLL	4 Unit Condo
45	4902820060000	58	LA FRESA CT # 1	1.25		38 NSLL	4 Unit Condo
46	4902820070000	1	LA PERA CT # 1			36 WELL - back of sidewalk	4 Unit Condo
47	4902820080000	9	LA PERA CT # 1	1.0		43 EWLL	4 Unit Condo
48	4902820090000	17	LA PERA CT # 1				4 Unit Condo
49	4902820100000	25	LA PERA CT # 1	1.25		34 NNC of La Pera Court - 6 S of SW edge of Building 5 EWLL	4 Unit Condo
50	4902830010000	2	LA PERA CT # 1	1.25		42 EWLL	4 Unit Condo
51	4902830020000	4383	SHINING STAR DR # 1				4 Unit Condo
52	4902830030000	4375	SHINING STAR DR # 1				4 Unit Condo
53	4902830040000	4367	SHINING STAR DR # 1	1.25		20 snc o/ShiningStar - 258 wwc o/PhoenixPark (4/21/06)	4 Unit Condo
54	4902830050000	4359	SHINING STAR DR # 1				4 Unit Condo
55	4902830060000	4351	SHINING STAR DR # 1				4 Unit Condo
56	4902830070000	4343	SHINING STAR DR # 1				4 Unit Condo
57	4902830080000	4335	SHINING STAR DR # 1				4 Unit Condo
58	4905600010000	4400	SHINING STAR DR		22' NNLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		Pool house - place 1" meter
59	4902830090000	34	LA PERA CT # 1	1.25		40.5 WELL	4 Unit Condo
60	4902830100000	26	LA PERA CT # 1	1.25		26 WELL	4 Unit Condo
61	4902830110000	18	LA PERA CT # 1	1.25		34 EWLL	4 Unit Condo
62	4902830120000	10	LA PERA CT # 1	1.25		34 EWLL	4 Unit Condo
63	4903100010000	4060	WEYMOUTH LN				
64	4903100020000	4058	WEYMOUTH LN	1.0	12' EWLL 1' SSPL of Alley in S/P House is hooked to 5 other homes		
65	4903100030000	4056	WEYMOUTH LN	1.0	27' WWC on SPL of Alley in Standpipe	101 WWC of Caselli, 4 SNC	
66	4903100040000	4054	WEYMOUTH LN	1.0		60 WWC of Caselli cir - 13 SNPL of Alley	
67	4903100050000	4052	WEYMOUTH LN	1.0	1) 69' WWC of Weymouth @ SPL of Alley (05/14/05)	69 WWC of Weymouth Ln, 14 NSPL of Alley (05/14/05)	
68	4903100070000	4062	WEYMOUTH LN	1.0		140 NSC of Caselli Circle, 13 EWC of Weymouth	
69	4903100080000	4064	WEYMOUTH LN	1.0		134 SSC of Caselli CR - 13 EWC of Weymouth Ln	
70	4903100090000	4066	WEYMOUTH LN	1.0		152 SSC of Caselli - Cr - 14 EWC of Weymouth	
71	4903100100000	4068	WEYMOUTH LN	1.0	8' SNLL, 12' NSLL, 4' WWC of Weymouth Ln in box	172 SSC of Caselli Cir, 14 EWC of Weymouth Ln	
72	4903100110000	4070	WEYMOUTH LN				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
73	4903100120000	4072	WEYMOUTH LN	1.0	6' NSLL @ Back of Sidewalk in box	216 SSC of Caselli Cir - 14 EWC of Weymouth	
74	4903100130000	4074	WEYMOUTH LN				
75	4903100140000	4076	WEYMOUTH LN	1.0		197 SSC of Caselli Cr - 14 EWC of Weymouth	
76	4903100150000	4078	WEYMOUTH LN				
77	4903100160000	4080	WEYMOUTH LN				
78	4903100170000	4082	WEYMOUTH LN				
79	4903100200000	4088	WEYMOUTH LN	1.0	3' SNLL - 4' WWC of Weymouth	4 SNLL, 10 EWC of Weymouth	
80	4903100210000	4090	WEYMOUTH LN	1.0	3' SNLL - 3' WWC of Weymouth		
81	4903100220000	4092	WEYMOUTH LN	1.0	1' SNLL - 3' WWC of Weymouth	118 NSC - 14 WEC of Weymouth	
82	4903100230000	4074	SAVANNAH LN				
83	4903100240000	4076	SAVANNAH LN				
84	4903100250000	4078	SAVANNAH LN				
85	4903100260000	4080	SAVANNAH LN				
86	4903100270000	4082	SAVANNAH LN				
87	4903100280000	4084	SAVANNAH LN				
88	4903100290000	4111	WEYMOUTH LN				
89	4903100300000	4109	WEYMOUTH LN				
90	4903100310000	4107	WEYMOUTH LN				
91	4903100320000	4105	WEYMOUTH LN				
92	4903100330000	4091	WEYMOUTH LN	1.0	11' SNC of Bldg - 4' EEC of Weymouth	130 NSC - 13 EWC of Weymouth	
93	4903100340000	4089	WEYMOUTH LN	1.0	12' SNC of Bldg - 5' EEC of Weymouth	149 NSC - 12 WEC of Weymouth	
94	4903100370000	4083	WEYMOUTH LN	1.0	50' S of N edge of Bldg - 3 1/2' EEC Weymouth		
95	4903100380000	4081	WEYMOUTH LN	1.0	29' S of N edge of Bldg - 3 1/2' EEC Weymouth		
96	4903100390000	4079	WEYMOUTH LN	1.0	9 1/2' S of N edge of Bldg - 3 1/2' EEC Weymouth		
97	4903100400000	4077	WEYMOUTH LN	1.0	71' SN edge of Bldg, 3 1/2' EEC of Weymouth		
98	4903100410000	4075	WEYMOUTH LN	1.0	50' SN Ease of Bldg - 3' EEC of Weymouth	234 SSC of Caselli Cr - 14 EWC of Weymouth	
99	4903100420000	4073	WEYMOUTH LN	1.0	29 1/2' SN edge - 3 1/2' EEC of Weymouth	214 SSC of Caselli Cr - 13 WEC of Weymouth	
100	4903100430000	4071	WEYMOUTH LN	1.0	9 1/2' SN edge of Bldg - 3' EEC of Weymouth	194 SSC of Caselli Cr - 15 EWC of Weymouth	
101	4903100450000	4050	WEYMOUTH LN	1.0		108 NSC of Weymouth - 13 EWC of Weymouth	
102	4903100460000	4084	WEYMOUTH LN	1.0		15 EWC, 26 No of Hyd 28	
103	4903100470000	4086	WEYMOUTH LN	1.0	16' NSLL - 3' WWC of Weymouth	178 NSC of Weymouth - 16 WEC of Weymouth	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
104	4903100480000	4087	WEYMOUTH LN	1.0	11' SNC of Bldg - 5' EEC of Weymouth	168 NSC - 14 WEC of Weymouth	
105	4903100490000	4085	WEYMOUTH LN	1.0	68' S of N edge of Bldg - 4' EEC Weymouth		
106	4903200100000	4094	WEYMOUTH LN	1.0	3' SNLL - 3' WWC of Weymouth	94 NSC - 14 EWC of Weymouth	
107	4903200200000	4096	WEYMOUTH LN	1.0	3' SNLL - 3' WWC of Weymouth	74 NSC - 13 WEC of Weymouth	
108	4903200300000	4098	WEYMOUTH LN	1.0	3' SNLL - 3' WWC of Weymouth	52 NSC - 13 WEC of Weymouth	
109	4903200400000	4100	WEYMOUTH LN	1.0	1) 3' WWC on NPL (8/28/06) 2) on NLL - & 3' WWC of Weymouth Ln		
110	4903200500000	4116	WEYMOUTH LN	1.0	154' EWS of complex - 3' SSC of Weymouth		
111	4903200600000	4114	WEYMOUTH LN	1.0	135' EWS of complex - 3' SSC of Weymouth		
112	4903200700000	4112	WEYMOUTH LN	1.0	113' EWS of complex - 3' SSC of Weymouth		
113	4903200800000	4110	WEYMOUTH LN	1.0	92' EWS of complex - 3' SSC of Weymouth		
114	4903200900000	4108	WEYMOUTH LN	1.0	71' EW Side of complex - 4' SSC of Weymouth in a box		
115	4903200100000	4106	WEYMOUTH LN	1.0	50' EWS of Complex - 3' SSC of Weymouth		
116	4903200110000	4104	WEYMOUTH LN	1.0	29' EWS of Complex - 3' SSC of Weymouth		
117	4903200120000	4102	WEYMOUTH LN	1.0	11 EWS of Campley - 6' NNS of Building		
118	4903200130000	4101	BROOKFIELD DR				
119	4903200140000	4103	BROOKFIELD DR	1.0	24' NNC of Brookfield - 4' WELL - 18' EWLL	20 NNC of Brookfield - 4 WELL - 18 EWLL	
120	4903200150000	4105	BROOKFIELD DR	1.0	Same - 21' NNC of Brookfield	7 WELL - 14 EWLL - 17 NNC of Brookfield	
121	4903200160000	4107	BROOKFIELD DR	1.0	20' NNC of Brookfield 17' EWLL in box	17 EWLL - 5 WELL - 16 NNC of Brookfield	
122	4903200170000	4109	BROOKFIELD DR	1.0	Same - 20' NNC of Brookfield Drive	5 WELL - 17 EWLL - 16 NNC of Brookfield	
123	4903200180000	4111	BROOKFIELD DR	1.0	4'WELL,20'NNC of Brookfield, 16'EWLL in SP	5 WELL - 17 EWLL - 16 NNC of Brookfield	
124	4903200190000	4113	BROOKFIELD DR	1.0	Same - 20' NNC of Brookfield	4 WELL - 16 EWLL - 16 NNC of Brookfield	
125	4903200200000	4115	BROOKFIELD DR	1.0	Same - 20' NNC of Brookfield	5 WELL - 17 EWLL - 16 NNC of Brookfield	
126	4903200210000	4117	BROOKFIELD DR	1.0	Same - 20' NNC of Brookfield	4 WELL - 16 EWLL - 16 NNC of Brookfield	
127	4903200220000	4119	BROOKFIELD DR		Same - 21' NNC of Brookfield	9 WELL - 10 EWLL - 16 NNC of Brookfield	
128	4903200230000	4121	BROOKFIELD DR		12' NSLL - 2' EE Wall		
129	4903200240000	4123	BROOKFIELD DR		11' NSLL - 3' EE Wall		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
130	4903200250000	4125	BROOKFIELD DR		11' NSLL - 1' EE WALL		
131	4903200260000	4127	BROOKFIELD DR		11' NSLL - 3' EE WALL in s/p		
132	4903200270000	4129	BROOKFIELD DR		11' NSLL - 2' EE Wall of Bldg		
133	4903200280000	4131	BROOKFIELD DR		12' NSLL - 2' EE WALL		
134	4903200290000	4133	BROOKFIELD DR		13' NSLL - 2' EE WALL		
135	4903200300000	4135	BROOKFIELD DR		10' NSLL - 2' EE WALL		
136	4903200310000	4137	BROOKFIELD DR	1.0	9 1/2' NSLL - 2' WWPL		
137	4903200320000	4139	BROOKFIELD DR				
138	4903200330000	4141	BROOKFIELD DR	1.0	11' NSLL - 2' WWPL		
139	4903200340000	4143	BROOKFIELD DR				
140	4903200350000	4145	BROOKFIELD DR				
141	4903200360000	4147	BROOKFIELD DR				
142	4903200370000	4149	BROOKFIELD DR				
143	4903200380000	4151	BROOKFIELD DR				
144	4903200390000	4153	BROOKFIELD DR				
145	4903200400000	4155	BROOKFIELD DR				
146	4903200410000	4157	BROOKFIELD DR				
147	4903200420000	4159	BROOKFIELD DR				
148	4903200430000	4161	BROOKFIELD DR				
149	4903200440000	4163	BROOKFIELD DR	1.0	6' SNLL, 2' EELL (or 6' west of sidewalk) in standpipe, 54' SSC of Weymouth Ln		
150	4903200450000	4165	BROOKFIELD DR				
151	4903200470000	4103	WEYMOUTH LN				
152	4903200490000	4097	WEYMOUTH LN	1.0	18' NNC - 4' EEC of Weymouth	68 NSC - 12 WEC of Weymouth	
153	4903200500000	4095	WEYMOUTH LN	1.0	11' SNC OF Bldg - 4' EEC of Weymouth	87 NSC - 12 WEC of Weymouth	
154	4903200510000	4093	WEYMOUTH LN		11' SNC of Bldg - 5' EEC of Weymouth		
155	4903200530000	4167	BROOKFIELD DR			15 SSC of Weymouth - 24 WWVC of Burgoyne	
156	4903200540000	4101	WEYMOUTH LN		11' NNC of Weymouth - 44' WWVC of valves 54 & 52 map 86		
157	4903300020000	4171	BROOKFIELD DR				
158	4903300030000	4173	BROOKFIELD DR				
159	4903300040000	4175	BROOKFIELD DR				
160	4903300050000	4177	BROOKFIELD DR				
161	4903300060000	4179	BROOKFIELD DR				
162	4903300070000	4181	BROOKFIELD DR		8' SNLL - 3' WW Wall in box		
163	4903300080000	4183	BROOKFIELD DR	1.0	14' SSC of Weymouth - 3' EE Wall Bldg		
164	4903300090000	4185	BROOKFIELD DR	1.0	31' SSC of Weymouth - 4' EE WALL		
165	4903300100000	4187	BROOKFIELD DR	1.0	54' SSC of Weymouth - 3' EE WALL		
166	4903300110000	4189	BROOKFIELD DR	1.0	74' SSC of Weymouth - 3 1/2' EE WALL		
167	4903300120000	4191	BROOKFIELD DR	1.0	96' SSC of Weymouth - 3' EE WALL		
168	4903300130000	4193	BROOKFIELD DR	1.0	77' NNC of Brookfield - 3' EE WALL		
169	4903300140000	4195	BROOKFIELD DR	1.0	32' SSC of Weymouth, 3' EE Wall in box		
170	4903300150000	4197	BROOKFIELD DR		36' NNC of Brookfield - 3' EE WALL		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
171	4903300160000	4199	BROOKFIELD DR				
172	4903300170000	4201	BROOKFIELD DR				
173	4903300180000	4203	BROOKFIELD DR				
174	4903300190000	4205	BROOKFIELD DR				
175	4903300200000	4207	BROOKFIELD DR				
176	4903300210000	4209	BROOKFIELD DR				
177	4903300220000	4211	BROOKFIELD DR				
178	4903300230000	4213	BROOKFIELD DR				
179	4903300240000	4215	BROOKFIELD DR				
180	4903300250000	4217	BROOKFIELD DR	1.0	5' EEC Valleywind - 19' NNC - Brookfield in Standpipe	5 EEC Valleywind 16 NNC Brookfield	
181	4903300260000	4219	BROOKFIELD DR				
182	4903300270000	4221	BROOKFIELD DR				
183	4903300280000	4223	BROOKFIELD DR				
184	4903300290000	4225	BROOKFIELD DR	1.0	30' NNC 6' WELL (directly under house) 16' East of Westside of House, 25' NSLL Valve in standpipe		
185	4903300300000	4227	BROOKFIELD DR	1.0	18' NNC of Brookfield Dr - 50' WWC of El Mango in C/S box	14 NNC of Brookfield Dr- 50 WWC of EL Mango	
186	4903300310000	4229	BROOKFIELD DR				
187	4903300320000	4228	WEYMOUTH LN				
188	4903300330000	4226	WEYMOUTH LN				
189	4903300340000	4224	WEYMOUTH LN				
190	4903300350000	4222	WEYMOUTH LN				
191	4903300360000	4220	WEYMOUTH LN				
192	4903300370000	4218	WEYMOUTH LN				
193	4903300380000	4216	WEYMOUTH LN				
194	4903300390000	4214	WEYMOUTH LN				
195	4903300400000	4212	WEYMOUTH LN				
196	4903300410000	4211	WEYMOUTH LN				
197	4903300420000	4213	WEYMOUTH LN				
198	4903300430000	4215	WEYMOUTH LN				
199	4903300440000	4217	WEYMOUTH LN				
200	4903300450000	4219	WEYMOUTH LN		5' SS wall of 4219 Weymouth 1' EE wall of 4219 Weymouth in box		
201	4903300460000	4221	WEYMOUTH LN				
202	4903300470000	4223	WEYMOUTH LN				
203	4903300480000	4225	WEYMOUTH LN				
204	4903300490000	4227	WEYMOUTH LN				
205	4903300500000	4229	WEYMOUTH LN				
206	4903300510000	4231	WEYMOUTH LN	1.0	30' WWC of El Mango Wy, 7' NNC of Weymouth Wy in C/S Box		
207	4903300520000	4204	SAVANNAH LN				
208	4903300530000	4202	SAVANNAH LN				
209	4903300540000	4200	SAVANNAH LN				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
210	4903300550000	4198	SAVANNAH LN				
211	4903300560000	4196	SAVANNAH LN	1.0	96' SSC of Savannah 4' W of West wall of bldg in box		
212	4903300580000	4169	BROOKFIELD DR				
213	4903400100000	4230	SAVANNAH LN				
214	4903400200000	4228	SAVANNAH LN				
215	4903400300000	4226	SAVANNAH LN				
216	4903400400000	4224	SAVANNAH LN			12 WELL of 4224 Savannah - 13 NSC of Savannah	
217	4903400500000	4222	SAVANNAH LN	1.0			
218	4903400600000	4220	SAVANNAH LN				
219	4903400700000	4218	SAVANNAH LN				
220	4903400800000	4216	SAVANNAH LN				
221	4903400900000	4214	SAVANNAH LN		19' WELL		
222	4903400100000	4212	SAVANNAH LN	1.0	10' EWLL, 7' SSC		
223	4903400110000	4210	SAVANNAH LN				
224	4903400120000	4208	SAVANNAH LN		Under New Pavement in Street		
225	4903400130000	4206	SAVANNAH LN	1.0	5' SSC of Savannah 10 1/2' E of W Wall of Bldg in S/P		
226	4903400140000	4194	SAVANNAH LN				
227	4903400150000	4192	SAVANNAH LN				
228	4903400160000	4190	SAVANNAH LN	1.5	1 1/2' W/V 70' EEC of Burgoyne - 7' SSC of Savannah in Standpipe		
229	4903400170000	4207	SAVANNAH LN				
230	4903400180000	4209	SAVANNAH LN				
231	4903400190000	4211	SAVANNAH LN	2.0	W/V # 104/JUU18 71' EEC of Burgoyne Ln- 8' SSC of Savannah Ln. in box		
232	4903400200000	4213	SAVANNAH LN				
233	4903400210000	4215	SAVANNAH LN				
234	4903400220000	4217	SAVANNAH LN				
235	4903400230000	4219	SAVANNAH LN				
236	4903400240000	4227	SAVANNAH LN	1.0	2 1/2' NNC 15' WELL		
237	4903400250000	4225	SAVANNAH LN				
238	4903400260000	4223	SAVANNAH LN	1.0	CL of Lot	69 1/2 NNC of Savannah - WW Wall of House	
239	4903400270000	4221	SAVANNAH LN	1.0	46' NNC of Savannah Ln - 2' East of Walk		
240	4903400290000	7564	PHOENIX PARK DR				
241	4903400300000	7562	PHOENIX PARK DR				
242	4903400310000	7560	PHOENIX PARK DR				
243	4903400320000	7558	EL MANGO WY				
244	4903400330000	7556	PHOENIX PARK DR				
245	4903400340000	7554	PHOENIX PARK DR				
246	4903400350000	7552	PHOENIX PARK DR				
247	4903400360000	7550	PHOENIX PARK DR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
248	4903400370000	10	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
249	4903400380000	12	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
250	4903400390000	14	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
251	4903400400000	16	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
252	4903400420000	20	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
253	4903400430000	22	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
254	4903400440000	24	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
255	4903400450000	26	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
256	4903400460000	28	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
257	4903400470000	30	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
258	4903400480000	32	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
259	4903400490000	34	CREEKS EDGE WY				
260	4903400500000	36	CREEKS EDGE WY				
261	4903400510000	38	CREEKS EDGE WY				
262	4903400520000	40	CREEKS EDGE WY				
263	4903400530000	42	CREEKS EDGE WY				
264	4903400540000	44	CREEKS EDGE WY				
265	4903400550000	46	CREEKS EDGE WY				
266	4903400560000	48	CREEKS EDGE WY				
267	4903400570000	50	CREEKS EDGE WY				
268	4903400580000	52	CREEKS EDGE WY	2.0			
269	4903400600000	7566	PHOENIX PARK DR				
270	4903400610000	18	CREEKS EDGE WY				
271	4903500010000	7551	BURGOYNE LN				
272	4903500020000	7553	BURGOYNE LN		35' NNC of Savannah Ln - 6' EEC of Burgoyne		
273	4903500030000	7555	BURGOYNE LN				
274	4903500040000	7557	BURGOYNE LN				
275	4903500050000	7559	BURGOYNE LN				
276	4903500060000	7561	BURGOYNE LN				
277	4903500070000	7563	BURGOYNE LN	1.0	40' NNC of Savannah in 5' EEC of Burgoyne in S/P		
278	4903500080000	60	CREEKS EDGE WY				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
279	4903500090000	62	CREEKS EDGE WY				
280	4903500100000	64	CREEKS EDGE WY				
281	4903500110000	66	CREEKS EDGE WY				
282	4903500120000	68	CREEKS EDGE WY				
283	4903500130000	70	CREEKS EDGE WY				
284	4903500140000	72	CREEKS EDGE WY				
285	4903500150000	74	CREEKS EDGE WY				
286	4903500160000	76	CREEKS EDGE WY				
287	4903500170000	78	CREEKS EDGE WY				
288	4903500180000	4071	SAVANNAH LN				
289	4903500190000	4073	SAVANNAH LN				
290	4903500200000	4075	SAVANNAH LN	1.0	22' WELL 6' NNC		
291	4903500210000	4077	SAVANNAH LN				
292	4903500220000	4079	SAVANNAH LN	1.0	10'WELL, 5'NNC in c/s box	10WELL, 13SNC of 4079	
293	4903500230000	4081	SAVANNAH LN				
294	4903500240000	4083	SAVANNAH LN	1.0	8' EWELL - 3' NNC		
295	4903500250000	4085	SAVANNAH LN				
296	4903500260000	7570	BURGOYNE LN				
297	4903500270000	7572	BURGOYNE LN	1.0	12' SNLL - 3 1/2' WWC of Burgoyne Line (In Standpipe)		
298	4903500280000	7574	BURGOYNE LN	1.0	14' NSLL, 7' SNLL		
299	4903500290000	7576	BURGOYNE LN				
300	4903500300000	7578	BURGOYNE LN				
301	4903500370000	4086	SAVANNAH LN		C/S Under Concrete		
302	4903500380000	4088	SAVANNAH LN				
303	4903500390000	4090	SAVANNAH LN				
304	4903500400000	4092	SAVANNAH LN				
305	4903500410000	4094	SAVANNAH LN	2.0	231' WWC of Beriqoint - 25' SSC of Savannah		
306	4903900010000	7285	MEADOWGATE DR				
307	4903900020000	7289	MEADOWGATE DR				
308	4903900030000	7293	MEADOWGATE DR		30' WELL - 3' SSPL of Meadowgate		
309	4903900040000	7297	MEADOWGATE DR				
310	4903900050000	7301	MEADOWGATE DR				
311	4903900060000	7305	MEADOWGATE DR				
312	4903900070000	7309	MEADOWGATE DR				
313	4903900080000	7313	MEADOWGATE DR				
314	4903900090000	7317	MEADOWGATE DR	1.0	26' WELL - 6 1/2' SSC of Meadowgate		
315	4903900110000	7325	MEADOWGATE DR				
316	4903900120000	7331	MEADOWGATE DR	1.0			
317	4903900130000	7330	ALCEDO CR				
318	4903900140000	7326	ALCEDO CR	1.0	45' NSLL, 6 1/2'		
319	4903900150000	7322	ALCEDO CR	1.0	29 1/2' SNLL, 6' WWC of Alcedo		
320	4903900160000	7318	ALCEDO CR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
321	4903900170000	7314	ALCEDO CR				
322	4903900180000	7310	ALCEDO CR	1.0	33' WELL, 1' behind Sidewalk		
323	4903900190000	7306	ALCEDO CR				
324	4903900200000	7302	ALCEDO CR				
325	4903900210000	7298	ALCEDO CR				
326	4903900220000	7294	ALCEDO CR				
327	4903900230000	7290	ALCEDO CR				
328	4903900240000	7286	ALCEDO CR				
329	4903900250000	7282	ALCEDO CR				
330	4903900260000	7278	ALCEDO CR				
331	4903900270000	7274	ALCEDO CR				
332	4903900280000	7270	ALCEDO CR	1.0	64' NNC of Alcedo, 7' WWC of Mandy		
333	4903900290000	7295	ALCEDO CR				
334	4903900300000	7299	ALCEDO CR				
335	4903900310000	7305	ALCEDO CR				
336	4903900320000	7309	ALCEDO CR				
337	4903900330000	7315	ALCEDO CR	1.0	31' SNLL, 8' EEC of Alcedo		
338	4903900340000	7321	ALCEDO CR				
339	4903900350000	7323	ALCEDO CR				
340	4903900360000	7327	ALCEDO CR				
341	4903900370000	7356	WINNETT WY				
342	4903900380000	7350	WINNETT WY				
343	4903900390000	7346	WINNETT WY				
344	4903900400000	7340	WINNETT WY				
345	4903900410000	7336	WINNETT WY				
346	4903900420000	7326	WINNETT WY				
347	4903900430000	7316	WINNETT WY				
348	4903900440000	7306	WINNETT WY				
349	4903900450000	7305	WINNETT WY				
350	4903900460000	7309	WINNETT WY				
351	4903900470000	7315	WINNETT WY				
352	4903900480000	7323	WINNETT WY				
353	4903900490000	7331	WINNETT WY				
354	4903900500000	7337	WINNETT WY				
355	4903900510000	7343	WINNETT WY				
356	4903900520000	7349	WINNETT WY				
357	4903900530000	7355	WINNETT WY				
358	4903900540000	7354	MANDY DR		20' SNPL of 7354 Mandy - 7.5" WWC of Mandy - in valve box		
359	4903900550000	7348	MANDY DR				
360	4903900560000	7342	MANDY DR				
361	4903900570000	7336	MANDY DR	1.0	24' SNLL - 7' WWC of Mandy		
362	4903900580000	7330	MANDY DR	1.0	33' SNLL - 9' WWC of Mandy		
363	4903900590000	7324	MANDY DR	1.0	42' SNLL, 9' WWC of Mandy, 4 1/2' Deep		
364	4903900600000	7316	MANDY DR		45' SNLL - 7' WWC of Mandy		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
365	4903900610000	7310	MANDY DR				
366	4903900620000	7304	MANDY DR		39 1/2' NSLL - 2 1/2' Behind Sidewalk (In Box)		
367	4903900630000	7300	MANDY DR				
368	4903900640000	7287	MANDY DR				
369	4903900650000	7295	MANDY DR		7' EEC of Street - 24 1/2' SNLL		
370	4903900660000	7299	MANDY DR				
371	4903900670000	7303	MANDY DR				
372	4903900680000	7307	MANDY DR				
373	4903900690000	7311	MANDY DR				
374	4903900700000	4125	DOSS WY				
375	4903900710000	4130	DOSS WY	1.0	26' EWLL - 1 1/2' SSPL of Doss Way		
376	4903900720000	4120	DOSS WY				
377	4903900730000	4110	DOSS WY				
378	4903900740000	7337	PATERO CR				
379	4903900750000	7341	PATERO CR				
380	4903900760000	7343	PATERO CR		22' EWLL - 8' NNC of Patero Circle		
381	4903900770000	7347	PATERO CR				
382	4903900780000	7351	PATERO CR				
383	4904010010000	7335	MEADOWGATE DR				
384	4904010020000	7339	MEADOWGATE DR				
385	4904010030000	7343	MEADOWGATE DR				
386	4904010040000	7347	MEADOWGATE DR				
387	4904010050000	7351	MEADOWGATE DR				
388	4904010060000	7357	MEADOWGATE DR				
389	4904010070000	7363	MEADOWGATE DR				
390	4904010080000	7369	MEADOWGATE DR		27' SNLL, 8' EEC in S/P		
391	4904010090000	7375	MEADOWGATE DR		28' SNLL - 9' EEC of Meadowgate		
392	4904010100000	7381	MEADOWGATE DR	1.0	Same & Back of Walk	27' EWLL	
393	4904010120000	7393	MEADOWGATE DR				
394	4904010130000	7399	MEADOWGATE DR		27' SNLL, 7' WWC		
395	4904010140000	7405	MEADOWGATE DR		35' NSLL - 3' EEPL of Meadowgate		
396	4904010150000	7411	MEADOWGATE DR	1.0	225' SSC of Brookfield - 7' EEC of Meadowstore		
397	4904010160000	7415	MEADOWGATE DR	1.0	22' EWLL, 8' NNC of Winnett		
398	4904010170000	7436	WINNETT WY				
399	4904010180000	7434	WINNETT WY				
400	4904010190000	7432	WINNETT WY		25' EWLL of Above - 8' NNC of Winnett		
401	4904010200000	7430	WINNETT WY				
402	4904010210000	7428	WINNETT WY		30' WELL - 6' NNC of Winnett		
403	4904010220000	7426	WINNETT WY				
404	4904010230000	7424	WINNETT WY				
405	4904010240000	7422	WINNETT WY				
406	4904010250000	7418	WINNETT WY				
407	4904010260000	7392	ALCEDO CR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
408	4904010270000	7390	ALCEDO CR				
409	4904010280000	7388	ALCEDO CR				
410	4904010290000	7386	ALCEDO CR				
411	4904010300000	7384	ALCEDO CR				
412	4904010310000	7382	ALCEDO CR				
413	4904010320000	7380	ALCEDO CR				
414	4904010330000	7378	ALCEDO CR				
415	4904010340000	7376	ALCEDO CR				
416	4904010350000	7374	ALCEDO CR				
417	4904010360000	7370	ALCEDO CR				
418	4904010370000	7366	ALCEDO CR				
419	4904010380000	7362	ALCEDO CR				
420	4904010390000	7358	ALCEDO CR				
421	4904010400000	7354	ALCEDO CR				
422	4904010410000	7350	ALCEDO CR				
423	4904010420000	7346	ALCEDO CR				
424	4904010430000	7342	ALCEDO CR				
425	4904010440000	7338	ALCEDO CR				
426	4904010450000	7334	ALCEDO CR				
427	4904020010000	7329	ALCEDO CR				
428	4904020020000	7331	ALCEDO CR				
429	4904020030000	7335	ALCEDO CR				
430	4904020040000	7337	ALCEDO CR				
431	4904020050000	7339	ALCEDO CR				
432	4904020060000	7345	ALCEDO CR				
433	4904020070000	7349	ALCEDO CR				
434	4904020080000	1	TRITON CT				
435	4904020090000	5	TRITON CT				
436	4904020100000	9	TRITON CT				
437	4904020110000	14	TRITON CT		20' SNLL, 8' EEC in Cast Iron Box in Driveway		
438	4904020120000	10	TRITON CT	1.0	11' EWLL, 11' SSC in standpipe		
439	4904020130000	6	TRITON CT				
440	4904020140000	2	TRITON CT				
441	4904020150000	7381	ALCEDO CR				
442	4904020160000	7383	ALCEDO CR				
443	4904020170000	7385	ALCEDO CR				
444	4904020180000	7387	ALCEDO CR				
445	4904020190000	7389	ALCEDO CR				
446	4904020200000	7391	ALCEDO CR				
447	4904020210000	7392	WINNETT WY				
448	4904020220000	7388	WINNETT WY				
449	4904020230000	7384	WINNETT WY		24' SNLL, back of sidewalk		
450	4904020240000	7380	WINNETT WY				
451	4904020250000	7376	WINNETT WY				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
452	4904020260000	7372	WINNETT WY				
453	4904020270000	7368	WINNETT WY				
454	4904020280000	7364	WINNETT WY				
455	4904020290000	7360	WINNETT WY				
456	4904030010000	7419	WINNETT WY				
457	4904030020000	7421	WINNETT WY				
458	4904030030000	7423	WINNETT WY				
459	4904030040000	7425	WINNETT WY				
460	4904030050000	7427	WINNETT WY				
461	4904030060000	7429	WINNETT WY				
462	4904030070000	7431	WINNETT WY	1.0	25' EWLL - 9' SSC of Winnett Way		
463	4904030080000	7433	WINNETT WY				
464	4904030090000	7435	WINNETT WY				
465	4904030100000	7437	WINNETT WY				
466	4904030110000	3905	SHINING STAR DR				
467	4904030120000	3915	SHINING STAR DR				
468	4904030130000	3925	SHINING STAR DR				
469	4904030140000	3935	SHINING STAR DR				
470	4904030150000	3945	SHINING STAR DR				
471	4904030160000	3955	SHINING STAR DR				
472	4904030170000	3965	SHINING STAR DR				
473	4904030180000	3975	SHINING STAR DR				
474	4904030190000	3985	SHINING STAR DR				
475	4904030200000	3995	SHINING STAR DR				
476	4904110010000	7355	PATERO CR				
477	4904110020000	7359	PATERO CR				
478	4904110030000	7363	PATERO CR	1.0	31' NSLL - 9' EEC of Patero		
479	4904110040000	7367	PATERO CR				
480	4904110050000	7371	PATERO CR				
481	4904110060000	7375	PATERO CR		25' SNLL, 8' EEC of Patero Circle in S/P		
482	4904110070000	7379	PATERO CR				
483	4904110080000	7383	PATERO CR				
484	4904110090000	7387	PATERO CR		25' snll - 7' eec in box (8/15/07)		
485	4904110100000	7391	PATERO CR				
486	4904110110000	7395	PATERO CR				
487	4904110120000	7399	PATERO CR	1.0	25' SNLL - 2' EEPL		
488	4904110130000	7403	PATERO CR		24' SNLL - 7' EEC of Patero Circle		
489	4904110140000	7407	PATERO CR				
490	4904110150000	7411	PATERO CR				
491	4904110160000	7415	PATERO CR				
492	4904110170000	7419	PATERO CR	1.0	15' EWLL - 9' SSC of Patero Circle		
493	4904110180000	7423	PATERO CR	1.0	17'EWLL, 7'SSC of Patero Cir in box		
494	4904110190000	7427	PATERO CR		19' EWLL - 8' SSC of Patero		
495	4904110200000	7431	PATERO CR		22' EWLL, 8' SSC of Patero Circle in box		
496	4904110210000	7435	PATERO CR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
497	4904110220000	4125	SHINING STAR DR				
498	4904110230000	4155	SHINING STAR DR				
499	4904110240000	4185	SHINING STAR DR				
500	4904110250000	4215	SHINING STAR DR				
501	4904110260000	4245	SHINING STAR DR				
502	4904110270000	4275	SHINING STAR DR				
503	4904120010000	7334	PATERO CR				
504	4904120020000	7351	MANDY DR		16' SNLL - 7' EEC of Cul De Sec		
505	4904120030000	7355	MANDY DR				
506	4904120040000	7359	MANDY DR				
507	4904120050000	7363	MANDY DR				
508	4904120060000	7367	MANDY DR				
509	4904120070000	7379	MANDY DR				
510	4904120080000	7381	MANDY DR				
511	4904120090000	7383	MANDY DR				
512	4904120100000	7385	MANDY DR				
513	4904120110000	7387	MANDY DR	1.0	46' EEC of Cul De Sec - 7' SSC of Mandy		
514	4904120120000	7393	MANDY DR	1.0	25' SNLL, 8' EEC, 35' NSLL		
515	4904120130000	7397	MANDY DR	1.0	31' NSLL - 7' EEC - 25' SNLL		
516	4904120140000	7401	MANDY DR		33 1/2' NSLL, Back of Walk		
517	4904120150000	7405	MANDY DR				
518	4904120160000	7430	PATERO CR				
519	4904120170000	7426	PATERO CR				
520	4904120180000	7420	PATERO CR				
521	4904120190000	7406	PATERO CR				
522	4904120200000	7402	PATERO CR				
523	4904120210000	7398	PATERO CR				
524	4904120220000	7394	PATERO CR				
525	4904120230000	7390	PATERO CR				
526	4904120240000	7386	PATERO CR				
527	4904120250000	7382	PATERO CR				
528	4904120260000	7378	PATERO CR				
529	4904120270000	7374	PATERO CR				
530	4904120280000	7370	PATERO CR				
531	4904120290000	7366	PATERO CR				
532	4904120300000	7362	PATERO CR				
533	4904120310000	7358	PATERO CR				
534	4904120320000	7342	PATERO CR				
535	4904120330000	7338	PATERO CR				
536	4904130010000	7361	WINNETT WY				
537	4904130020000	7365	WINNETT WY				
538	4904130030000	7369	WINNETT WY	1.0	30' SNLL, 33' NSLL, 6' EEC in c/s box		
539	4904130040000	7373	WINNETT WY				
540	4904130050000	7377	WINNETT WY				
541	4904130060000	7381	WINNETT WY				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
542	4904130070000	7385	WINNETT WY		31' SNLL, 9' EEC of Winnett		
543	4904130080000	7389	WINNETT WY	1.0	32' NSLL, 31' SNLL, 9' EWC of Winnett WY in Box		
544	4904130090000	7393	WINNETT WY				
545	4904130100000	7399	WINNETT WY				
546	4904130110000	7396	MANDY DR				
547	4904130120000	7392	MANDY DR				
548	4904130130000	7388	MANDY DR				
549	4904130140000	7384	MANDY DR				
550	4904130150000	7380	MANDY DR				
551	4904130160000	7376	MANDY DR		26' NSLL - 7' WWC		
552	4904130170000	7372	MANDY DR	1.0	26' SNLL - 7' WWC of Mandy		
553	4904130180000	7368	MANDY DR	1.0	23' SNLL, Back of Walk		
554	4904130190000	7364	MANDY DR				
555	4904130200000	7360	MANDY DR				
556	4904140010000	7396	ALCEDO CR				
557	4904140020000	7407	WINNETT WY	1.0	23'SNLL, 9'EEC		
558	4904140030000	7411	WINNETT WY	1.0	21' SNLL - 5' EEC of Winnett		
559	4904140040000	7415	WINNETT WY				
560	4904140050000	7417	WINNETT WY				
561	4904140060000	4015	SHINING STAR DR				
562	4904140070000	4035	SHINING STAR DR				
563	4904140080000	4065	SHINING STAR DR				
564	4904140090000	7434	MANDY DR				
565	4904140100000	7426	MANDY DR		32' NSLL, 34' SNLL, 7' WWC of Mandy Drive in Standpipe		
566	4904140110000	7418	MANDY DR				
567	4904140120000	7412	MANDY DR				
568	4904140130000	7398	ALCEDO CR				
569	4904140140000	7400	ALCEDO CR				
570	4904200010000	4270	SHINING STAR DR				
571	4904200020000	4240	SHINING STAR DR				
572	4904200030000	4210	SHINING STAR DR				
573	4904200040000	4180	SHINING STAR DR				
574	4904200050000	4150	SHINING STAR DR				
575	4904200060000	4120	SHINING STAR DR				
576	4904200070000	7459	MANDY DR	1.0	Same & Back of Walk	36.2 NSLL	
577	4904200080000	1	DRIAD CT				
578	4904200090000	5	DRIAD CT	1.0	Same & Back of Walk	24 WELL	
579	4904200100000	9	DRIAD CT	1.0	Same & Back of Walk	12.8 WELL	
580	4904200110000	15	DRIAD CT	1.0	Same & Back of Walk	12.8 NSLL	
581	4904200120000	10	DRIAD CT	1.0	Same & Back of Walk (under driveway)	19 SNLL	
582	4904200130000	6	DRIAD CT	1.0	Same & Back of Walk	27.2 WELL	
583	4904200140000	2	DRIAD CT	1.0	Same & Back of Walk	28 WELL	
584	4904200150000	7475	MANDY DR	1.0	Same & Back of Walk	25 SNLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
585	4904200160000	7479	MANDY DR	1.0	Same & Back of Walk	25 SNLL	
586	4904200170000	7483	MANDY DR	1.0	Same & Back of Walk	24 SNLL	
587	4904200180000	4060	ROBINRIDGE WY	1.0			
588	4904200190000	4048	ROBINRIDGE WY	1.0	Same & Back of Walk	30.5 WELL	
589	4904200200000	4036	ROBINRIDGE WY	1.0	Same & Back of Walk	26 WELL	
590	4904200210000	4024	ROBINRIDGE WY	1.0	Same & Back of Walk	28.5 WELL	
591	4904200220000	4012	ROBINRIDGE WY	1.0	Same & Back of Walk	26 WELL	
592	4904200230000	4000	ROBINRIDGE WY	1.0	Same & Back of Walk	27 WELL	
593	4904200240000	3988	ROBINRIDGE WY	1.0	Same & Back of Walk	31 WELL	
594	4904200250000	3976	ROBINRIDGE WY				
595	4904200260000	3964	ROBINRIDGE WY	1.0	Same & Back of Walk	34 WELL	
596	4904200270000	3952	ROBINRIDGE WY	1.0	1) 39' WELL - 6' SSC in box (8/8/06) 2) Same & Back of Walk	34 WELL	
597	4904200280000	3940	ROBINRIDGE WY	1.0	Same & Back of Walk	34 WELL	
598	4904200290000	3928	ROBINRIDGE WY	1.0	Same & Back of Walk	34 WELL	
599	4904200300000	3916	ROBINRIDGE WY	1.0	Same & Back of Walk	34 WELL	
600	4904200310000	3904	ROBINRIDGE WY	1.0	Same & Back of Walk	34 WELL	
601	4904200320000	3892	ROBINRIDGE WY	1.0	Same & Back of Walk	34 WELL	
602	4904200330000	3880	ROBINRIDGE WY	1.0	Same & Back of Walk	34 WELL	
603	4904200340000	3860	ROBINRIDGE WY	1.0	Same & Back of Walk	52 WELL	
604	4904200350000	2	SYNTHIA CT	1.0	Same & Back of Walk	33 NSLL	
605	4904200360000	6	SYNTHIA CT	1.0	Same & Back of Walk	31.5 NSLL	
606	4904200370000	10	SYNTHIA CT	1.0	Same & Back of Walk	32.5 NSLL	
607	4904200380000	14	SYNTHIA CT	1.0	Same & Back of Walk	29.5 NSLL	
608	4904200390000	18	SYNTHIA CT	1.0	Same & Back of Walk	11.5 SNLL	
609	4904200400000	22	SYNTHIA CT	1.0	Same & Back of Walk	11.5 EWLL	
610	4904200410000	19	SYNTHIA CT	1.0	Same & Back of Walk	11.5 WELL	
611	4904200420000	15	SYNTHIA CT	1.0	Same & Back of Walk	13 SNLL	
612	4904200430000	11	SYNTHIA CT	1.0	26.3' SNLL, Back of Walk	26.3 SNLL	
613	4904200440000	7	SYNTHIA CT	1.0	Same & Back of Walk	31.5 NSLL	
614	4904200450000	3920	SHINING STAR DR				
615	4904200460000	3930	SHINING STAR DR				
616	4904200470000	3940	SHINING STAR DR				
617	4904200480000	7454	VILLAJAY WY	1.0	34 1/2' NSLL - 10' WWC of Villa Joy	34.5 NSLL	
618	4904200490000	7458	VILLAJAY WY	1.0	Same & Back of walk	34.3 NSLL	
619	4904200500000	7462	VILLAJAY WY	1.0	Same & Back of walk	34.1 NSLL	
620	4904200510000	7466	VILLAJAY WY	1.0	Same & Back of walk	34 NSLL	
621	4904200520000	7470	VILLAJAY WY	1.0	Same & Back of walk	36 NSLL	
622	4904200530000	7474	VILLAJAY WY	1.0	Same & Back of walk	46 EWLL	
623	4904200540000	3925	ROBINRIDGE WY	1.0	Same & Back of Walk	31.5 WELL	
624	4904200550000	3915	ROBINRIDGE WY	1.0	Same & Back of Walk	31.5 WELL	
625	4904200560000	3905	ROBINRIDGE WY	1.0	Same & Back of Walk 20' EWLL - 12' NNC in Box	31.5 WELL	
626	4904200570000	3895	ROBINRIDGE WY	1.0	Same & Back of Walk	34 WELL	
627	4904200580000	3885	ROBINRIDGE WY	1.0	Same & Back of Walk	40.5 WELL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
628	4904200590000	3960	SHINING STAR DR				
629	4904200600000	3970	SHINING STAR DR				
630	4904200610000	3980	SHINING STAR DR				
631	4904200620000	3990	SHINING STAR DR				
632	4904200630000	4010	SHINING STAR DR				
633	4904200640000	7450	MANDY DR	1.0	Same & Back of Walk	26.5 NSLL	
634	4904200650000	7454	MANDY DR	1.0	Same & Back of Walk	31.5 NSLL	
635	4904200660000	7458	MANDY DR	1.0	32' SNLL & 14' WWC		
636	4904200670000	8	SALT CT	1.0	Same & Back of Walk	30.8 WELL	
637	4904200680000	12	SALT CT	1.0	Same & Back of Walk	18 WELL	
638	4904200690000	16	SALT CT	1.0	Same & Back of Walk	18.5 NSLL	
639	4904200700000	19	SALT CT	1.0	Same & Back of Walk	19 NSLL	
640	4904200710000	15	SALT CT	1.0	Same & Back of Walk	19 WELL	
641	4904200720000	9	SALT CT	1.0	Same & Back of Walk	30.5 WELL	
642	4904200730000	5	SALT CT				
643	4904200740000	7464	MANDY DR	1.0	Same & Back of Walk	47.5 SNLL	
644	4904200750000	7468	MANDY DR	1.0	Same & Back of Walk	33 NSLL	
645	4904200760000	7472	MANDY DR				
646	4904200770000	4045	ROBINRIDGE WY	1.0	Same & Back of Walk	33.5 WELL	
647	4904200780000	4025	ROBINRIDGE WY	1.0	Same & Back of Walk	31 WELL	
648	4904200790000	4015	ROBINRIDGE WY	1.0	Same & Back of Walk	39 WELL	
649	4904200800000	4005	ROBINRIDGE WY	1.0	41.5' WELL - Back of Walk	41.5 WELL	
650	4904200810000	3985	ROBINRIDGE WY	1.0	Same & Back of Walk	39 WELL	
651	4904200820000	7475	VILLAJROY WY	1.0	Same & Back of walk	58 WELL	
652	4904200830000	7471	VILLAJROY WY	1.0	Same & Back of walk	34 NSLL	
653	4904200840000	7467	VILLAJROY WY	1.0	Same & Back of walk	34 NSLL	
654	4904200850000	7463	VILLAJROY WY	1.0	Same & Back of walk	34 NSLL	
655	4904200860000	7459	VILLAJROY WY	1.0	Same & Back of walk	34.3 NSLL	
656	4904200870000	7455	VILLAJROY WY	1.0	Same & Back of walk	34.5 NSLL	
657	4904300010000	7401	CROWNWEST WY	1.0	30' EWC & 35' SNC - Crownwest Way		
658	4904300020000	7407	CROWNWEST WY	1.0	Same & Back of Walk	31.5 NSLL	
659	4904300030000	7413	CROWNWEST WY	1.0	Same & Back of Walk	33 NSLL	
660	4904300040000	7419	CROWNWEST WY	1.0	Same & Back of Walk	33 NSLL	
661	4904300050000	7425	CROWNWEST WY	1.0	Same & Back of Walk	33 NSLL	
662	4904300060000	7431	CROWNWEST WY	1.0	22' SNPL, 7' EEC		
663	4904300070000	7437	CROWNWEST WY	1.0	Same & Back of Walk	32 NSLL	
664	4904300090000	1	THISTLE CT	1.0	Same & Back of Walk	39 NSLL	
665	4904300100000	7	THISTLE CT	1.0	Same & Back of Walk	23.5 SNLL	
666	4904300110000	11	THISTLE CT	0.75	25' NSLL, 24' SNLL, 7' EEC of Thistle Ct		
667	4904300120000	15	THISTLE CT	1.0	23' SNLL, 6' EEC of Thistle Ct. in Box	23 SNLL	
668	4904300130000	19	THISTLE CT	1.0	Same & Back of Walk	11 SNLL	
669	4904300140000	23	THISTLE CT	1.0	Same & Back of Walk	11.2 WELL	
670	4904300150000	20	THISTLE CT	1.0	Same & Back of Walk	11 EWLL	
671	4904300160000	16	THISTLE CT	1.0	Same & Back of Walk	10.5 SNLL	
672	4904300170000	12	THISTLE CT	1.0	Same & Back of Walk	20 SNLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
673	4904300180000	8	THISTLE CT	1.0	Same & Back of Walk	24.8 NSLL	
674	4904300190000	3860	SHINING STAR DR				
675	4904300200000	3840	SHINING STAR DR				
676	4904300210000	3820	SHINING STAR DR		1) 36' WELL, 9' SSC SGINING STAR DR. (5/9/06) 2) 26' EWLL - 9' SSC (5/11/06) 3) 25' EWLL - 9' SSC in box (5/10/06)		
677	4904300220000	3800	SHINING STAR DR				
678	4904300230000	3775	ROBINRIDGE WY	1.0	Same & Back of Walk	34.5 NSLL	
679	4904300240000	3779	ROBINRIDGE WY	1.0	Same & Back of Walk	34 NSLL	
680	4904300250000	3783	ROBINRIDGE WY	1.0	Same & Back of Walk	34 NSLL	
681	4904300260000	3787	ROBINRIDGE WY	1.0	Same & Back of Walk	34 NSLL	
682	4904300270000	3791	ROBINRIDGE WY	1.0	Same & Back of Walk	34 NSLL	
683	4904300280000	3795	ROBINRIDGE WY				
684	4904300290000	3825	ROBINRIDGE WY	1.0	25' EWLL, 2' Behind Sidewalk		
685	4904300300000	3835	ROBINRIDGE WY	1.0	Same & Back of Walk	33 WELL	
686	4904300310000	3845	ROBINRIDGE WY	1.0	15' EWLL, 11' NNC	33 WELL	
687	4904300320000	3855	ROBINRIDGE WY	1.0	Same & Back of Walk	33 WELL	
688	4904300330000	3865	ROBINRIDGE WY	1.0	35' WELL, Back of Walk	35 WELL	
689	4904300340000	3850	COTTONTAIL WY				
690	4904400010000	7274	MUNSON WY	1.0	27' NSLL, Back of Walk		
691	4904400020000	7278	MUNSON WY	1.0	39' NNC of Meadowgate Dr 9' WWC of 7278	39 NNC of Meadowgate Dr 26 EWC 7278	
692	4904400030000	2	DE FER CR	1.0	21' SNLL - 12' EEC of De Fer Circle		
693	4904400040000	6	DE FER CR	1.0	Same & Back of Walk	26 SNLL	
694	4904400050000	10	DE FER CR	1.0	Same & Back of Walk	18 WELL	
695	4904400060000	14	DE FER CR	1.0	Same & Back of Walk	30 EWLL	
696	4904400070000	18	DE FER CR	1.0	Same & Back of Walk	21 EWLL	
697	4904400080000	22	DE FER CR	1.0	25' EWLL - 9' NNC De Fer Circle		
698	4904400090000	26	DE FER CR	1.0	Same & Back of Walk	24 EWLL	
699	4904400100000	30	DE FER CR	1.0	Same & Back of Walk	24 EWLL	
700	4904400110000	34	DE FER CR	1.0	Same & Back of Walk	24 EWLL	
701	4904400120000	38	DE FER CR	1.0	27'EWLL, 10'NNC	22 WELL	
702	4904400130000	42	DE FER CR	1.0	34' WELL - 9 1/2' NNC of De Fer		
703	4904400140000	46	DE FER CR	1.0	Same & Back of Walk	6 NSLL	
704	4904400150000	50	DE FER CR	1.0	12' SNLL - 14' WWC of Street		
705	4904400160000	54	DE FER CR	1.0	Same & Back of Walk	15 SNLL	
706	4904400170000	58	DE FER CR	1.0	Same & Back of Walk	30 SNLL	
707	4904400180000	62	DE FER CR	1.0	Same & Back of Walk	25 SNLL	
708	4904400190000	66	DE FER CR	1.0	Same & Back of Walk	24 SNLL	
709	4904400200000	70	DE FER CR	1.0	Same & 9' WWC of De Fer Circle	24 SNLL	
710	4904400210000	74	DE FER CR	1.0	23' SNLL, 9' WWC of De Fer, Back of Walk	24 SNLL	
711	4904400220000	7321	LUTHER DR	1.0	Same & Back of Walk	38 EWLL	
712	4904400230000	7325	LUTHER DR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
713	4904400240000	77	DE FER CR	1.0	Same & Back of Walk	36.5 EWLL	
714	4904400250000	73	DE FER CR	1.0	Same & Back of Walk	27 SNLL	
715	4904400260000	69	DE FER CR	1.0	Same & Back of Walk	24 SNLL	
716	4904400270000	65	DE FER CR	1.0	30 1/2' NSLL - 9' EEC of De Fer Circle		
717	4904400280000	61	DE FER CR	1.0	Same & Back of Walk	24 SNLL	
718	4904400290000	57	DE FER CR	1.0	Same & Back of Walk	24 SNLL	
719	4904400300000	53	DE FER CR	1.0	41' EWLL - 7 1/2' SSC of De Fer Circle		
720	4904400310000	39	DE FER CR	1.0	Same & Back of Walk	25 EWLL	
721	4904400320000	29	DE FER CR	1.0	29' EWLL - 4' behind Sidewalk in S/P		
722	4904400330000	25	DE FER CR	1.0	Same & Back of Walk	24 EWLL	
723	4904400340000	21	DE FER CR	1.0	26' EWLL - 7 1/2' SSC of De Fer Circle		
724	4904400350000	5	DE FER CR	1.0	42' EWLL - 6' SSC of De Fer Circle		
725	4904400360000	1	DE FER CR	1.0	Same & Back of Walk	22 SNLL	
726	4904400370000	7304	MEADOWGATE DR		33' NSLL - 8' WWC of Meadowgate		
727	4904400380000	2	KYMPER CT	1.0	Same & Back of Walk	34 SNLL	
728	4904400390000	6	KYMPER CT	1.0	Same & Back of Walk	6 EWLL	
729	4904400400000	10	KYMPER CT	1.0	Same & Back of Walk	16 EWLL	
730	4904400410000	9	KYMPER CT	1.0	Same & Back of Walk	9 SNLL	
731	4904400420000	5	KYMPER CT	1.0	Same & Back of Walk	20 SNLL	
732	4904400430000	1	KYMPER CT		9' wwc 45' nnc of Meadowgate in box		
733	4904400440000	7324	MEADOWGATE DR		57' WWC of Meadowgate - 8' NNC of Luther Drive		
734	4904400450000	7320	LUTHER DR	1.0	26' EWLL - 2' SSPL of Luther Drive		
735	4904400460000	7324	LUTHER DR	1.0	36' NSLL, 16' SNLL, 8' WWC in C/S Box	19 EWLL	
736	4904400470000	7328	LUTHER DR	1.0	26' WELL, 9' SSC in standpipe	33 EWLL	
737	4904400480000	7332	LUTHER DR	1.0	39' WELL - 6' SSC of Luther Drive		
738	4904400490000	7336	LUTHER DR	1.0	Same & Back of Walk	26 EWLL	
739	4904400500000	7340	LUTHER DR	1.0	51' WWC of Meadowgate - 7' SSC of Luther Drive		
740	4904400510000	2	SENTIDO CT	1.0	Same & Back of Walk	27 EWLL	
741	4904400520000	6	SENTIDO CT	1.0	Same & Back of Walk	27 EWLL	
742	4904400530000	10	SENTIDO CT	1.0	Same & Back of Walk	28 EWLL	
743	4904400540000	14	SENTIDO CT	1.0	Same & Back of Walk	27 EWLL	
744	4904400550000	18	SENTIDO CT	1.0	Same & Back of Walk	8 EWLL	
745	4904400560000	22	SENTIDO CT	1.0	16' SNLL, 10' WWC	15 SNLL	
746	4904400580000	7316	LUTHER DR	1.0	27' WELL - 6' SSC Luther Drive	11 WELL - 21 SNC Luther Drive	
747	4904500010000	23	SENTIDO CT	1.0	Same & Back of Walk	10 SNLL	
748	4904500020000	19	SENTIDO CT	1.0	Same & Back of Walk	22 EWLL	
749	4904500030000	15	SENTIDO CT	1.0	Same & Back of Walk	21 EWLL	
750	4904500040000	9	SENTIDO CT	1.0	Same & Back of Walk	27 EWLL	
751	4904500050000	1	SENTIDO CT	1.0	Same & Back of Walk	32 EWLL	
752	4904500060000	7352	MEADOWGATE DR				
753	4904500070000	7356	MEADOWGATE DR				
754	4904500080000	7360	MEADOWGATE DR				
755	4904500090000	6	SEPALO CT	1.0	Same & Back of Walk	18 EWLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
756	4904500100000	10	SEPALO CT	1.0	Same & Back of Walk	11 WELL	
757	4904500110000	14	SEPALO CT	1.0	Same & Back of Walk	9 SNLL	
758	4904500120000	15	SEPALO CT	1.0	Same & Back of Walk	11 SNLL	
759	4904500130000	9	SEPALO CT	1.0	Same & Back of Walk	22 EWLL	
760	4904500140000	5	SEPALO CT	1.0	Same & Back of Walk	30 EWLL	
761	4904500150000	7370	MEADOWGATE DR				
762	4904500180000	10	LACOTA CT	1.0	9 1/2' NNC of Cul - De - Sac - 7 1/2' EWLL		
763	4904500190000	14	LACOTA CT	1.0	1) 8' WWVC, 7' SWPL, 25' WSPL (11/24/06) 2) Same & Back of Walk	8.5 SNLL	
764	4904500210000	11	LACOTA CT	1.0	Same & Back of Walk	9 EWLL	
765	4904500220000	7	LACOTA CT	1.0	Same & Back of Walk	20 EWLL	
766	4904500230000	7400	MEADOWGATE DR				
767	4904500240000	7404	MEADOWGATE DR				
768	4904500250000	7410	MEADOWGATE DR				
769	4904500260000	2	BUENO CT	1.0	Same & Back of Walk	43 EWLL	
770	4904500270000	8	BUENO CT	1.0	Same & Back of Walk	12 EWLL	
771	4904500280000	14	BUENO CT	1.0	Same & Back of Walk	8 WELL	
772	4904500290000	18	BUENO CT	1.0	Same & Back of Walk	10 SNLL	
773	4904500300000	15	BUENO CT	1.0	18' WELL 1' SSC		
774	4904500310000	9	BUENO CT	1.0	Same & Back of Walk	21 EWLL	
775	4904500320000	5	BUENO CT	1.0	Same & Back of Walk	20 EWLL	
776	4904500330000	1	BUENO CT	1.0	Same & Back of Walk	27 EWLL	
777	4904500340000	3885	SHINING STAR DR				
778	4904500350000	3875	SHINING STAR DR				
779	4904500360000	3865	SHINING STAR DR	1.0	9' nnc - 21' ewll (11/09/06)	21 snc - 21 ewll (11/09/06)	
780	4904500370000	3855	SHINING STAR DR				
781	4904500380000	3835	SHINING STAR DR				
782	4904600010000	7515	MANDY DR	1.0	Same & Back of Walk	26 SNLL	
783	4904600020000	7519	MANDY DR	1.0	8' EEC - 35' NSLL - 25' SNLL		
784	4904600030000	7523	MANDY DR	1.0	23' SNLL, 8' EEC of Mandy Drive		
785	4904600040000	7527	MANDY DR	1.0	Same & Back of Walk	26 SNLL	
786	4904600050000	7531	MANDY DR	1.0	Same & Back of Walk	26.1 NSLL	
787	4904600060000	7535	MANDY DR	1.0	Same & Back of Walk	25.5 SNLL	
788	4904600070000	7539	MANDY DR	1.0	Same & Back of Walk	26.7 SNLL	
789	4904600080000	7543	MANDY DR	1.0	Same & Back of Walk	24.6 SNLL	
790	4904600090000	7547	PINON WY		36' NSLL - 9' EEC of Pinon Way		
791	4904600100000	7551	PINON WY	1.0	Same & Back of Walk	23 SNLL	
792	4904600110000	7555	PINON WY	1.0	Same & Back of Walk	25 SNLL	
793	4904600120000	7557	PINON WY	1.0	Same & Back of Walk	24 SNLL	
794	4904600130000	7561	PINON WY	1.0	Same & Back of Walk	23.3 SNLL	
795	4904600140000	7565	PINON WY	1.0	25' SNLL, 8' EEC		
796	4904600150000	7567	PINON WY	1.0	23' EWLL, 26' WELL, 10' NNC of Pinon Wy in box	16.3 SNLL	
797	4904600160000	7569	PINON WY	1.0	27' SNLL, 7' EEC of Pinon	17.2 SNLL	
798	4904600170000	7571	PINON WY	1.0	Same & Back of Walk	20.1 EWLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
799	4904600180000	7573	PINON WY	1.0	1) 37' WELL, 25' EWLL, 7' SSC of Pinon in box (1/27/06) 2) 7' SSC, 24' EWLL in s/p (1/26/06) 3) 31' WELL -25' EWLL-6' SSC of Pinon Way		
800	4904600190000	7575	PINON WY	1.0	97' WELL - 8' SSC of Pinon Way, 25' EWLL		
801	4904600200000	7577	PINON WY	1.0	Same & Back of Walk	34.9 EWLL	
802	4904600210000	7598	TEAK CT	1.0	33' SNLL - 8' WWC of Above	34.4 SNLL	
803	4904600220000	7594	TEAK CT	1.0	34' NSLL - 27' SNLL - 6 1/2' WWC/ Teak Ct	32 NSLL	
804	4904600230000	7590	TEAK CT	1.0	Same & Back of Walk	21.2 SNLL	
805	4904600240000	7586	TEAK CT	1.0	Same & Back of Walk	31.3 SNLL	
806	4904600250000	7584	TEAK CT	1.0	Same & Back of Walk	12.9 NSLL	
807	4904600260000	7582	TEAK CT	1.0	32' SNC, 34' NSC in meter box	16.5 EWLL	
808	4904600270000	7580	TEAK CT	1.0	Same & Back of Walk	1.5 EWLL	
809	4904600280000	7578	TEAK CT	1.0	Same & Back of Walk	20.5 NSLL	
810	4904600290000	7574	PINON WY	1.0	Same & Back of Walk	49.4 EWLL	
811	4904600300000	7572	PINON WY	1.0	Same & Back of Walk	22.9 EWLL	
812	4904600310000	7570	PINON WY	1.0	29' EWLL, 8' NNC		
813	4904600320000	7560	PINON WY	1.0	Same & Back of Walk	24.3 SNLL	
814	4904600330000	7556	PINON WY	1.0	Same & Back of Walk	33.2 NSLL	
815	4904600340000	7552	PINON WY	1.0	Same & Back of Walk	25.3 SNLL	
816	4904600350000	7548	PINON WY	1.0	33' SNLL - 7' WWC Pinon	45 NSLL	
817	4904600360000	7544	PINON WY	1.0	52' SSC Mandy Drive - 7' WWC Pinon Way	46.6 NSLL	
818	4904600370000	7514	MANDY DR	1.0	Same & Back of Walk	34.4 NSLL	
819	4904600380000	7518	MANDY DR	1.0	26'SNLL, 35'NSLL, 7'WWC in c/s box	27.1 SNLL	
820	4904600390000	7522	MANDY DR	1.0	24' SNLL, 6-1/2' WWC, 7 Mandy Drive	35 NSLL	
821	4904600400000	7526	MANDY DR	1.0	Same & Back of Walk	30.4 SNLL	
822	4904600410000	7530	MANDY DR	1.0	Same & Back of Walk	39.9 NSLL	
823	4904600420000	7536	MANDY DR	1.0	Same & Back of Walk	24.2 NSLL	
824	4904600430000	7542	MANDY DR	1.0	33' EWLL, 6' NNC of Mandy		
825	4904600440000	7546	MANDY DR	1.0	Same & Back of Walk	34.4 EWLL	
826	4904600470000	7558	MANDY DR				
827	4904600480000	7562	MANDY DR				
828	4904600490000	7566	MANDY DR				
829	4904600500000	7570	MANDY DR				
830	4904600530000	7608	MANDY DR	1.0	22'EWLL-6'NNC in c/s box	1" corp 20 SNC, 21 EWLL(5/9/06) 23EWLL-19SNC	
831	4904600580000	7540	WRENWOOD DR				
832	4904600590000	7550	WRENWOOD DR	1.0	27'SNLL, 7'WWC in meter box.	27'SNLL, 20EWC	
833	4904600600000	7560	WRENWOOD DR				
834	4904600610000	7570	WRENWOOD DR				
835	4904600650000	7561	WRENWOOD DR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
836	4904600660000	7551	WRENWOOD DR				
837	4904600670000	7541	WRENWOOD DR				
838	4904600680000	7531	WRENWOOD DR				
839	4904600690000	7521	WRENWOOD DR				
840	4904600700000	7511	WRENWOOD DR				
841	4904600710000	7501	WRENWOOD DR				
842	4904600720000	7567	MANDY DR				
843	4904600730000	7563	MANDY DR				
844	4904600740000	7559	MANDY DR				
845	4904700010000	7510	MANDY DR	1.0	7' WWC - 25' SNLL		
846	4904700020000	7506	MANDY DR	1.0	Same & Back of Walk	39.1 NSLL	
847	4904700030000	4080	SEQUOIA WY	1.0	145' SSC of Cottontail, 6' EEC of Sequoia		
848	4904700040000	4070	SEQUOIA WY	1.0	Same & Back of Walk	26.5 NSLL	
849	4904700050000	4020	COTTONTAIL WY	1.0	Same & Back of Walk	31 EWLL	
850	4904700060000	4010	COTTONTAIL WY	1.0	Same & Back of Walk	31 WELL	
		4000			1) 10' EWLL - back of walk (8/18/06) 2.1) 10' EWLL - 6' SSC in box (8/8/06) 2.2) 8' EWLL - 6' SSC (8/8/06) 3) Same & Back of Walk		
851	4904700070000		COTTONTAIL WY	1.0		10.1 EWLL	
852	4904700080000	3990	COTTONTAIL WY	1.0	29' EWLL - 6' SSC of Cottontail		
853	4904700090000	3980	COTTONTAIL WY	1.0	Same & Back of Walk	24 EWLL	
854	4904700100000	3970	COTTONTAIL WY	1.0	Same & Back of Walk	26.7 WELL	
855	4904700110000	3960	COTTONTAIL WY	1.0	31' EWLL - 7' SSC		
856	4904700120000	3950	COTTONTAIL WY	1.0	Same & Back of Walk	27.3 EWLL	
857	4904700130000	3940	COTTONTAIL WY	1.0	Same & Back of Walk	30 EWLL	
858	4904700140000	3930	COTTONTAIL WY	1.0	Same & Back of Walk	29.4 EWLL	
859	4904700150000	3920	COTTONTAIL WY	1.0	Same & Back of Walk	30.7 WELL	
860	4904700160000	3910	COTTONTAIL WY	1.0	Same & Back of Walk	29.4 EWLL	
861	4904700170000	3900	COTTONTAIL WY	1.0	Same & Back of Walk	7.2 EWLL	
862	4904700180000	3890	COTTONTAIL WY	1.0	Same & Back of Walk	12 WELL	
863	4904700190000	3880	COTTONTAIL WY	1.0	Same & Back of Walk	167 NSLL	
864	4904700200000	3870	COTTONTAIL WY	1.0	Same & Back of Walk	32 NSLL	
865	4904700210000	3860	COTTONTAIL WY	1.0	17.6' NSLL & Back of Walk	17.6 NSLL	
866	4904700220000	3901	COTTONTAIL WY				
867	4904700230000	3911	COTTONTAIL WY	1.0	Same & Back of Walk	25.6 EWLL	
868	4904700240000	3921	COTTONTAIL WY	1.0	26' EWLL, 7' NNC of Cottontail		
869	4904700250000	3931	COTTONTAIL WY	1.0	Same & Back of Walk	25.1 EWLL	
870	4904700260000	3941	COTTONTAIL WY	1.0	Same & Back of Walk	23.6 EWLL	
871	4904700270000	3951	COTTONTAIL WY	1.0	Same & Back of Walk	27.6 EWLL	
872	4904700280000	3961	COTTONTAIL WY	1.0	Same & Back of Walk	22.9 EWLL	
873	4904700290000	3971	COTTONTAIL WY	1.0	Same & Back of Walk	19 EWLL	
874	4904700300000	3981	COTTONTAIL WY	1.0	Same & Back of Walk	26.2 EWLL	
875	4904700310000	3991	COTTONTAIL WY	1.0	Same & Back of Walk	25.9 EWLL	
876	4904700320000	4001	COTTONTAIL WY	1.0	Same & Back of Walk	9.6 EWLL	
877	4904700330000	4011	COTTONTAIL WY	1.0	Same & Back of Walk	20.4 WELL	

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878	4904700340000	4021	COTTONTAIL WY	1.0	Same & Back of Walk	26.7 EWLL	
879	4904700350000	4031	COTTONTAIL WY	1.0	Same & Back of Walk	26.1 EWLL	
880	4904700360000	4041	COTTONTAIL WY	1.0	23.8' EWLL & Back of Walk	23.8 EWLL	
881	4904700370000	4051	COTTONTAIL WY	1.0	22' WELL - 7' SSC		
882	4904700380000	7494	MANDY DR				
883	4904700390000	7490	MANDY DR	1.0	Same & Back of Walk	31.6 SNLL	
884	4904700400000	7486	MANDY DR	1.0	Same & Back of Walk	39.1 NSLL	
885	4904700410000	7487	MANDY DR	1.0	Same & Back of Walk	27.4 NSLL	
886	4904700420000	7491	MANDY DR	1.0	7 1/2' EEC, 27' SNLL	27.2 SNLL	
887	4904700430000	7495	MANDY DR	1.0	8' EEC, 35' NSLL		
888	4904700440000	7499	MANDY DR	1.0	Same & Back of Walk	26 SNLL	
889	4904700450000	7503	MANDY DR	1.0	Same & Back of Walk	21.5 SNLL	
890	4904700460000	7507	MANDY DR	1.0	35' NSLL - 7' EEC of Street		
891	4904700470000	7511	MANDY DR	1.0	27' SNLL, 7' EEC in S/P	27.7 SNLL	
892	4904700480000	4015	LIMESTONE WY	1.0	Same & Back of Walk	36 EWLL	
893	4904700490000	4005	LIMESTONE WY	1.0	26' EWLL, 3' Behind Sidewalk	26 WELL	
894	4904700500000	3995	LIMESTONE WY	1.0	Same & Back of Walk	34 WELL	
895	4904700510000	3985	LIMESTONE WY	1.0	Same & Back of Walk	32 WELL	
896	4904700520000	3975	LIMESTONE WY	1.0	Same & Back of Walk	35 WELL	
897	4904700530000	3965	LIMESTONE WY	1.0	22' EWLL - 7' NNC		
898	4904700540000	3955	LIMESTONE WY	1.0	Same & Back of Walk	26 WELL	
899	4904700550000	3945	LIMESTONE WY	1.0	Same & Back of Walk	36 WELL	
900	4904700560000	3935	LIMESTONE WY	1.0	37' WELL, 24' EWLL - 8' NNC of Limestone in S/Pipe	37 WELL	
901	4904700570000	3925	LIMESTONE WY	1.0	Same & Back of Walk	38 WELL	
902	4904700580000	3915	LIMESTONE WY	1.0	37' WELL - 8' NNC		
903	4904700590000	3910	LIMESTONE WY	1.0	Same & Back of Walk	32 WELL	
904	4904700600000	3920	LIMESTONE WY	1.0	Same & Back of Walk	28 EWLL	
905	4904700610000	3930	LIMESTONE WY	1.0	Same & Back of Walk	29 EWLL	
906	4904700620000	3940	LIMESTONE WY	1.0	Same & Back of Walk	28 EWLL	
907	4904700630000	3950	LIMESTONE WY	1.0	7'SSC-32'WELL in box	15NSC-32WELL	
908	4904700640000	3960	LIMESTONE WY	1.0	27' EWPL, 6' SSC in S/P		
909	4904700650000	3970	LIMESTONE WY	1.0	Same & Back of Walk	30 EWLL	
910	4904700660000	3980	LIMESTONE WY	1.0	Same & Back of Walk	27 EWLL	
911	4904700670000	3990	LIMESTONE WY	1.0	Same & Back of Walk	30 EWLL	
912	4904700680000	4041	SEQUOIA WY	1.0	Same & Back of Walk	42 NSLL	
913	4904700690000	4031	SEQUOIA WY	1.0	8' WWC, 38' NSLL, 29' SNLL in box	31 snll 14 eec	
914	4904700700000	4021	SEQUOIA WY	1.0	165' SSC of Limestone Wy, 9' WWC of Sequoia in s/p	169 SSC of Limestone Wy, 15 EWC of Sequoia	
915	4904700710000	3971	SEQUOIA WY	1.0	Same & Back of Walk	34 WELL	
916	4904700720000	3961	SEQUOIA WY	1.0	Same & Back of Walk	36 WELL	
917	4904700730000	3951	SEQUOIA WY	1.0	1) 1' SSC, 32' WELL IN @ BOX (7/27/06)	1) 16 NSC, 32 WELL (7/27/06)	
918	4904700740000	3941	SEQUOIA WY	1.0	2) Same & Back of Walk	2) 32 WELL	
919	4904700750000	3931	SEQUOIA WY	1.0	Same & Back of Walk	36 WELL	
					Same & Back of Walk	34 WELL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
920	4904700760000	3930	SEQUOIA WY	1.0	32' WELL	27 EWLL & 15 NSC of 3930	
921	4904700770000	3940	SEQUOIA WY	1.0	Same & Back of Walk	30 EWLL	
922	4904700780000	3950	SEQUOIA WY	1.0	Same & Back of Walk	23 EWLL	
923	4904700790000	3960	SEQUOIA WY	1.0	Same & Back of Walk	23 EWLL	
924	4904700800000	3970	SEQUOIA WY	1.0	Same & Back of Walk	24 EWLL	
925	4904700810000	3980	SEQUOIA WY	1.0	Same & Back of Walk	26 EWLL	
926	4904700820000	3990	SEQUOIA WY	1.0	Same & Back of Walk	24 EWLL	
927	4904700830000	4000	SEQUOIA WY	1.0	Same & Back of Walk	22 EWLL	
928	4904700840000	4010	SEQUOIA WY	1.0	1) 23' NSLL - 26' SNLL - 7' EEC (05/05/06) 2) Same & Back of Walk	30 NSLL	
929	4904700850000	4020	SEQUOIA WY	1.0	Same & Back of Walk	34 NSLL	
930	4904700860000	4030	SEQUOIA WY	1.0	Same & Back of Walk	29 NSLL	
931	4904700870000	4040	SEQUOIA WY	1.0	Same & back of Walk	26 NSLL	
932	4904700880000	4050	SEQUOIA WY	1.0	30' SNLL, Back of Sidewalk	32 NSLL	
933	4904700890000	4060	SEQUOIA WY	1.0	Same & Back of Walk	34 NSLL	
934	4904800010000	3785	STARSTONE WY	1.0	Same & Back of Walk	30 EWLL	
935	4904800020000	3745	STARSTONE WY	1.0	Same & Back of Walk	37 WELL	
936	4904800030000	3721	STARSTONE WY	1.0	31' EWLL, Same & Back of Walk in Box	32 WELL	
937	4904800040000	3697	STARSTONE WY				
938	4904800050000	3673	STARSTONE WY	1.0	Same & Back of Walk	33 WELL	
939	4904800060000	3649	STARSTONE WY	1.0	Same & Back of Walk	33 WELL	
940	4904800070000	3625	STARSTONE WY	1.0	Same & Back of Walk	33 WELL	
941	4904800080000	3601	STARSTONE WY	1.0	29' WELL & Back of Walk ( 7' NNC ) In Carson Box	30.5" WELL	
942	4904800090000	3593	STARSTONE WY	1.0	Same & Back of Walk	32 WELL	
943	4904800100000	3585	STARSTONE WY	1.0	Same & Back of Walk	33 WELL	
944	4904800110000	3555	STARSTONE WY	1.0	Same & Back of Walk	34 WELL	
945	4904800120000	3525	STARSTONE WY				
946	4904800130000	3495	STARSTONE WY	1.0	Same & Back of Walk	36 WELL	
947	4904800140000	3465	STARSTONE WY	1.0	Same & Back of Walk	11 EWLL	
948	4904800150000	3435	STARSTONE WY	1.0	Same & Back of Walk	17 WELL	
949	4904800160000	3400	STARSTONE WY				
950	4904800170000	3430	STARSTONE WY	1.0	Same & Back of Walk	11 SNLL	
951	4904800180000	3460	STARSTONE WY				
952	4904800190000	3490	STARSTONE WY	1.0	Same & Back of Walk	49 WELL	
953	4904800200000	3520	STARSTONE WY	1.0	21' EWLL - 7' SSC of Starstone	21 EWLL	
954	4904800210000	3550	STARSTONE WY	1.0	Same & Back of Walk	30 EWLL	
955	4904800220000	3580	STARSTONE WY	1.0	Same & Back of Walk	29 EWLL	
956	4904800230000	2	PUMICE CT	1.0	Same & Back of Walk	38 EWLL	
957	4904800240000	6	PUMICE CT	1.0	Same & Back of Walk	34 WELL	
958	4904800250000	10	PUMICE CT	1.0	Same & Back of Walk	33 WELL	
959	4904800260000	14	PUMICE CT	1.0	Same & Back of Walk	13 EWLL	
960	4904800270000	18	PUMICE CT	1.0	Same & Back of Walk	12 WELL	
961	4904800280000	22	PUMICE CT	1.0	Same & Back of Walk	19 SNLL	
962	4904800290000	19	PUMICE CT	1.0	Same & Back of Walk	12 SNLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
963	4904800300000	15	PUMICE CT				
964	4904800310000	9	PUMICE CT				
965	4904800320000	5	PUMICE CT				
966	4904800330000	1	PUMICE CT				
967	4904800340000	2	QUARTZ CT	1.0	Front C/L of Lot		
968	4904800350000	6	QUARTZ CT	1.0	Front C/L of Lot		
969	4904800360000	10	QUARTZ CT	1.0	Front C/L of Lot		
970	4904800370000	14	QUARTZ CT	1.0	Front C/L of Lot		
971	4904800380000	18	QUARTZ CT		Front C/L of Lot		
972	4904800390000	19	QUARTZ CT	1.0	Front C/L of Lot		
973	4904800400000	15	QUARTZ CT	1.0	Front C/L of Lot		
974	4904800410000	9	QUARTZ CT	1.0	34' WELL 6' SSC of Quartz Ct		
975	4904800420000	5	QUARTZ CT	1.0	Front C/L of Lot		
976	4904800430000	7446	BOULDER WY	1.0	Front, C/L of Lot		
977	4904800440000	3771	SHINING STAR DR				
978	4904800450000	7449	BOULDER WY		C/L of Lot		
979	4904800460000	7445	BOULDER WY	1.0	C/L Lot		
980	4904800470000	7441	BOULDER WY	1.0	C/L Lot		
981	4904800480000	7437	BOULDER WY	1.0	C/L of Lot		
982	4904800490000	7433	BOULDER WY	1.0	Front, C/L of Lot		
983	4904800500000	7429	BOULDER WY	1.0	Front, C/L of Lot		
984	4904800510000	7425	BOULDER WY	1.0	Front, C/L of Lot		
985	4904800520000	3600	STARSTONE WY	0.75	34' WELL, 7' SSC of Starstone		
986	4904800530000	3624	STARSTONE WY	1.0	7' SSC - 25' EWLL in Box		
987	4904800540000	3648	STARSTONE WY				
988	4904800550000	3672	STARSTONE WY				
989	4904800560000	3696	STARSTONE WY				
990	4904800570000	3720	STARSTONE WY	1.0	EWLL, 8' SSC in C/S Box		
991	4904800580000	3744	STARSTONE WY				
992	4904800590000	3768	STARSTONE WY	1.0	Same & Back of Walk	32 WELL	
993	4904800600000	3792	STARSTONE WY				
994	4904800610000	7430	CROWNWEST WY	1.0	23' SNLL 10' WWC, 14' WWC of 7430 C.W. way		
995	4904800620000	7436	CROWNWEST WY				
996	4904800630000	3795	SHINING STAR DR				
997	4904800640000	3791	SHINING STAR DR				
998	4904800650000	3787	SHINING STAR DR				
999	4904800660000	6	MAFIC CT	1.0	Front, C/L of Lot		
1000	4904800670000	10	MAFIC CT	1.0	Front, C/L of Lot		
1001	4904800680000	15	MAFIC CT	1.0	Front, C/L of Lot		
1002	4904800690000	9	MAFIC CT	1.0	Front, C/L of Lot		
1003	4904800700000	5	MAFIC CT	1.0	Front, C/L of Lot		
1004	4904800710000	3783	SHINING STAR DR				
1005	4904800720000	3779	SHINING STAR DR				
1006	4904800730000	3770	SHINING STAR DR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1007	4904800740000	3774	SHINING STAR DR				
1008	4904800750000	3778	SHINING STAR DR				
1009	4904800760000	3782	SHINING STAR DR				
1010	4904800770000	3786	SHINING STAR DR		31' EWLL - 2' SSC (6/19/06)	20 NSC - 34 EWLL (6/19/06)	
1011	4904800780000	3790	SHINING STAR DR				
1012	4904800790000	3794	SHINING STAR DR				
1013	4904800800000	3774	ROBINRIDGE WY	1.0	Same & Back of Walk	43.5 EWLL	
1014	4905200010000	3778	ROBINRIDGE WY				
1015	4905200020000	3782	ROBINRIDGE WY				
1016	4905200030000	3786	ROBINRIDGE WY				
1017	4905200040000	4	CASIANO CT				
1018	4905200050000	6	CASIANO CT				
1019	4905200060000	8	CASIANO CT				
1020	4905200070000	14	BUSHWOOD CT		31' EWLL & 7' NNC of Bushwood		
1021	4905200080000	16	BUSHWOOD CT		22' EWLL in Valve box, 10' NNC		
1022	4905200090000	18	BUSHWOOD CT				
1023	4905200100000	20	BUSHWOOD CT				
1024	4905200110000	22	BUSHWOOD CT				
1025	4905200120000	24	BUSHWOOD CT				
1026	4905200130000	23	BUSHWOOD CT				
1027	4905200140000	21	BUSHWOOD CT				
1028	4905200150000	19	BUSHWOOD CT				
1029	4905200160000	17	BUSHWOOD CT				
1030	4905200170000	15	BUSHWOOD CT				
1031	4905200180000	3749	SHINING STAR DR				
1032	4905200190000	3745	SHINING STAR DR				
1033	4905200200000	28	PENNYWOOD CT				
1034	4905200210000	30	PENNYWOOD CT				
1035	4905200220000	32	PENNYWOOD CT				
1036	4905200240000	31	PENNYWOOD CT		13' SNLL, 8' WWC in Driveway		
1037	4905200250000	29	PENNYWOOD CT				
1038	4905200260000	27	PENNYWOOD CT	1.0	33' WELL - 4' Behind Sidewalk		
1039	4905200270000	3735	SHINING STAR DR				
1040	4905200280000	3731	SHINING STAR DR				
1041	4905300010000	3727	SHINING STAR DR				
1042	4905300020000	3723	SHINING STAR DR				
1043	4905300030000	36	MOUNTAINWOOD CT				
1044	4905300040000	38	MOUNTAINWOOD CT		20'EWLL, 31'WELL, 7'NNC of Mountainwood Ct in box.		
1045	4905300050000	40	MOUNTAINWOOD CT	1.0	12' WELL, 8' NNC		
1046	4905300060000	42	MOUNTAINWOOD CT				
1047	4905300070000	41	MOUNTAINWOOD CT				
1048	4905300080000	39	MOUNTAINWOOD CT				
1049	4905300090000	37	MOUNTAINWOOD CT				
1050	4905300100000	3711	SHINING STAR DR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1051	4905300110000	3707	SHINING STAR DR		26'EWLL-10'NNC of Brandywood Ct in c/s box	29EWLL-16SNC of Brandywood Ct	
1052	4905300120000	44	BRANDYWOOD CT	1.0			
1053	4905300130000	46	BRANDYWOOD CT				
1054	4905300140000	48	BRANDYWOOD CT				
1055	4905300150000	50	BRANDYWOOD CT				
1056	4905300160000	52	BRANDYWOOD CT	1.0	9' NSC of Brandywood Ct. 13' WELL		
1057	4905300170000	51	BRANDYWOOD CT				
1058	4905300180000	49	BRANDYWOOD CT				
1059	4905300190000	47	BRANDYWOOD CT				
1060	4905300200000	45	BRANDYWOOD CT				
1061	4905300210000	3691	SHINING STAR DR				
1062	4905300220000	3687	SHINING STAR DR				
1063	4905300230000	3683	SHINING STAR DR				
1064	4905300240000	54	DESERT WOOD CT				
1065	4905300250000	56	DESERT WOOD CT				
1066	4905300260000	58	DESERTWOOD CT				
1067	4905300270000	60	DESERTWOOD CT				
1068	4905300280000	62	DESERTWOOD CT				
1069	4905300290000	64	DESERT WOOD CT				
1070	4905300300000	66	DESERTWOOD CT				
1071	4905300310000	63	DESERT WOOD CT				
1072	4905300320000	61	DESERT WOOD CT				
1073	4905300330000	59	DESERT WOOD CT				
1074	4905300340000	57	DESERT WOOD CT				
1075	4905300350000	55	DESERTWOOD CT				
1076	4905300360000	3671	SHINING STAR DR				
1077	4905300370000	3667	SHINING STAR DR				
1078	4905300380000	3663	SHINING STAR DR				
1079	4905300390000	3659	SHINING STAR DR				
1080	4905300400000	68	CARROTWOOD CT				
1081	4905300410000	70	CARROTWOOD CT		16' WELL- 9' NNC of Court in box		
1082	4905300420000	72	CARROTWOOD CT				
1083	4905300430000	74	CARROTWOOD CT				
1084	4905300440000	76	CARROTWOOD CT				
1085	4905300450000	78	CARROTWOOD CT				
1086	4905300460000	80	CARROTWOOD CT				
1087	4905300470000	81	CARROTWOOD CT				
1088	4905300480000	79	CARROTWOOD CT				
1089	4905300490000	77	CARROTWOOD CT				
1090	4905300500000	75	CARROTWOOD CT				
1091	4905300510000	73	CARROTWOOD CT				
1092	4905300520000	71	CARROTWOOD CT				
1093	4905300530000	69	CARROTWOOD CT				
1094	4905300540000	67	CARROTWOOD CT				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1095	4905300550000	3634	SHINING STAR DR				
1096	4905300560000	3638	SHINING STAR DR				
1097	4905300570000	3642	SHINING STAR DR				
1098	4905300580000	3646	SHINING STAR DR				
1099	4905300590000	3650	SHINING STAR DR				
1100	4905300600000	3654	SHINING STAR DR				
1101	4905300610000	3658	SHINING STAR DR				
1102	4905300620000	3662	SHINING STAR DR				
1103	4905300630000	7646	MANDY DR				
1104	4905300640000	7650	MANDY DR				
1105	4905300650000	3676	SHINING STAR DR				
1106	4905300660000	3680	SHINING STAR DR				
1107	4905300670000	3682	SHINING STAR DR				
1108	4905300680000	3688	SHINING STAR DR				
1109	4905300690000	3692	SHINING STAR DR				
1110	4905300700000	3696	SHINING STAR DR				
1111	4905300710000	3700	SHINING STAR DR				
1112	4905300720000	3751	SPARROWOOD WY				
1113	4905300730000	3761	SPARROWOOD WY				
1114	4905400010000	3801	SPARROWOOD WY				
1115	4905400020000	3809	SPARROWOOD WY	1.0	32' NSLL, 6' EEC of Sparrowood in box	32' NSLL, 15' WEC of Sparrowood	
1116	4905400030000	3817	SPARROWOOD WY				
1117	4905400040000	3825	SPARROWOOD WY				
1118	4905400050000	3833	SPARROWOOD WY				
1119	4905400060000	3841	SPARROWOOD WY	1.0	30' NSLL, 7' EEC	15' WEC, 30' NSLL	
1120	4905400070000	3849	SPARROWOOD WY				
1121	4905400080000	3857	SPARROWOOD WY				
1122	4905400090000	3865	SPARROWOOD WY				
1123	4905400100000	3805	LIMESTONE WY				
1124	4905400110000	3815	LIMESTONE WY	1.25	32' NSLL - 6 1/2' WWC		
1125	4905400120000	3825	LIMESTONE WY				
1126	4905400130000	3835	LIMESTONE WY				
1127	4905400140000	3845	LIMESTONE WY	1.0	7' WWC, 26' SNLL, 32' NSLL in standpipe	26' SNLL, 32' NSLL, 15' EWC	
1128	4905400150000	3855	LIMESTONE WY				
1129	4905400160000	3865	LIMESTONE WY	1.0			
1130	4905400170000	3875	LIMESTONE WY				
1131	4905400180000	3885	LIMESTONE WY				
1132	4905400190000	3895	LIMESTONE WY				
1133	4905400200000	3905	LIMESTONE WY				
1134	4905400210000	3900	LIMESTONE WY	1.0	40' WELL, 2' SSC in box	40' WELL, 16' NSC	
1135	4905400220000	3901	SEQUOIA WY				
1136	4905400230000	3907	SEQUOIA WY				
1137	4905400240000	3915	SEQUOIA WY		33' WELL, 6' NNC of Sequoia		
1138	4905400250000	3923	SEQUOIA WY				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1139	4905400260000	3924	SEQUOIA WY	1.0	25' EWLL, 10' SSC in c/s box w/ lid	24 EWLL, 15 NSC	
1140	4905400270000	3916	SEQUOIA WY				
1141	4905400280000	3908	SEQUOIA WY				
1142	4905400290000	3900	SEQUOIA WY	1.0	43' WELL, 35' EEC of limestone Wy, 6' SSC of Sequoia in box	43 WELL, 35 EEC of Limestone, 15 NSC of Sequoia	
1143	4905400300000	7624	MANDY DR				
1144	4905400310000	7620	MANDY DR				
1145	4905400320000	7616	MANDY DR	1.0	21' SNC, 21' EWLL in S/P	21 SNC, 23 EWLL	
1146	4905400330000	7612	MANDY DR	1.0	21' EWLL, 8' NNC in S/P	17 EWLL, 20 SNC	
1147	4905400490000	3973	BRISTLEWOOD WY				
1148	4905400620000	7570	BRANCHWOOD WY				
1149	4905400630000	7560	BRANCHWOOD WY				
1150	4905400640000	7550	BRANCHWOOD WY				
1151	4905400660000	7530	BRANCHWOOD WY				
1152	4905400670000	7520	BRANCHWOOD WY				
1153	4905400680000	7510	BRANCHWOOD WY		28' NSLL, 7' WWC of Branchwood		
1154	4905400690000	7641	MANDY DR				
1155	4905400700000	7645	MANDY DR				
1156	4905400710000	7642	MANDY DR	1.0	30'EWLL, 8'NNC in C/S box	30EWLL, 19SNC	
1157	4905400720000	3850	SPARROWWOOD WY				
1158	4905400730000	1	EBONY CT				
1159	4905400740000	5	EBONY CT				
1160	4905400750000	9	EBONY CT				
1161	4905400760000	10	EBONY CT				
1162	4905400770000	6	EBONY CT				
1163	4905400780000	2	EBONY CT				
1164	4905400790000	3800	SPARROWWOOD WY				
1165	4905400800000	3790	SPARROWWOOD WY				
1166	4905400810000	3780	SPARROWWOOD WY				
1167	4905400820000	3770	SPARROWWOOD WY				
1168	4905500010000	13	RESTORATION CT		30' EWLL, 3' SSPL of alley in S/P.		4-plex -(E ) 1 1/4" copper service
1169	4905500010000	17	RESTORATION CT		30' EWLL, 3' SSPL of alley in S/P.		4-plex -(E ) 1 1/4" copper service
1170	4905500010000	21	RESTORATION CT		30' EWLL, 3' SSPL of alley in S/P.		4-plex -(E ) 1 1/4" copper service
1171	4905500010000	25	RESTORATION CT		30' EWLL, 3' SSPL of alley in S/P.		4-plex -(E ) 1 1/4" copper service
1172	4905500010000	29	RESTORATION CT		30' EWLL, 3' SSPL of alley in S/P.		4-plex -(E ) 1 1/4" copper service
1173	4905500010000	33	RESTORATION CT		30' EWLL, 3' SSPL of alley in S/P.		4-plex -(E ) 1 1/4" copper service
1174	4905500010000	4330	SHINING STAR DR		30' EWLL, 3' SSPL of alley in S/P.		4-plex -(E ) 1 1/4" copper service
1175	4905500010000	4334	SHINING STAR DR		30' EWLL, 3' SSPL of alley in S/P.		4-plex -(E ) 1 1/4" copper service

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1176	4905500010000	4342	SHINING STAR DR		30' EWLL, 3' SSPL of alley in S/P.		
1177	4905500010000	4350	SHINING STAR DR		30' EWLL, 3' SSPL of alley in S/P.		
1178	4905500010000	4358	SHINING STAR DR		30' EWLL, 3' SSPL of alley in S/P.		
1179	4905500010000	4366	SHINING STAR DR		30' EWLL, 3' SSPL of alley in S/P.		
1180	4905500010000	4374	SHINING STAR DR		30' EWLL, 3' SSPL of alley in S/P.		
1181	4905500010000	5	RESTORATION CT		30' EWLL, 3' SSPL of alley in S/P.		4-plex -(E) 1 1/4" copper service
1182	4905500010000	9	RESTORATION CT		30' EWLL, 3' SSPL of alley in S/P.		4-plex -(E) 1 1/4" copper service
1183	4905500030000	102	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1184	4905500030000	106	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1185	4905500030000	110	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1186	4905500030000	118	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1187	4905500030000	12	RESTORATION CT		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1188	4905500030000	122	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1189	4905500030000	126	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1190	4905500030000	134	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1191	4905500030000	138	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1192	4905500030000	142	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1193	4905500030000	146	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1194	4905500030000	150	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1195	4905500030000	154	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1196	4905500030000	16	RESTORATION CT		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1197	4905500030000	160	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1198	4905500030000	20	RESTORATION CT		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1199	4905500030000	24	RESTORATION CT		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1200	4905500030000	28	RESTORATION CT		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1201	4905500030000	32	RESTORATION CT		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1202	4905500030000	36	RESTORATION CT		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1203	4905500030000	4	RESTORATION CT		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1204	4905500030000	8	RESTORATION CT		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1205	4905500030000	82	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1206	4905500030000	86	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1207	4905500030000	92	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1208	4905500030000	96	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1209	4905500030000	98	CREEKS EDGE WY		13'WELL, 1'SSPL of Alley in Concrete box.		4-plex -(E) 1 1/4" copper service
1210	4905500040000	103	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1211	4905500040000	107	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1212	4905500040000	133	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1213	4905500040000	139	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1214	4905500040000	145	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1215	4905500040000	149	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1216	4905500040000	153	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1217	4905500040000	157	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1218	4905500040000	7488	ABIDING PLACE		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1219	4905500040000	7492	ABIDING PLACE		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1220	4905500040000	7500	ABIDING PLACE		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1221	4905500040000	7504	ABIDING PLACE		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1222	4905500040000	7508	ABIDING PLACE		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1223	4905500040000	7512	ABIDING PLACE		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1224	4905500040000	7516	ABIDING PLACE		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1225	4905500040000	7520	ABIDING PLACE		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1226	4905500040000	7524	ABIDING PLACE		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1227	4905500040000	7528	ABIDING PLACE		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1228	4905500040000	7532	ABIDING PLACE		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1229	4905500040000	83	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1230	4905500040000	87	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1231	4905500040000	91	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1232	4905500040000	95	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1233	4905500040000	99	CREEKS EDGE WY		30' ewll - 1' nspl o/alley in sp (3/19/07)		4-plex -(E) 1 1/4" copper service
1234	4905600010000	7488	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1235	4905600010000	7489	PHOENIX PARK DR		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1236	4905600010000	7490	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1237	4905600010000	7492	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1238	4905600010000	7493	PHOENIX PARK DR		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1239	4905600010000	7494	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1240	4905600010000	7497	PHOENIX PARK DR		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1241	4905600010000	7498	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1242	4905600010000	7500	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1243	4905600010000	7504	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1244	4905600010000	7505	PHOENIX PARK DR		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1245	4905600010000	7508	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1246	4905600010000	7509	PHOENIX PARK DR		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1247	4905600010000	7512	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1248	4905600010000	7513	PHOENIX PARK DR		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1249	4905600010000	7516	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1250	4905600010000	7517	PHOENIX PARK DR		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1251	4905600010000	7518	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1252	4905600010000	7520	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1253	4905600010000	7521	PHOENIX PARK DR		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1254	4905600010000	7525	PHOENIX PARK DR		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1255	4905600010000	7528	FRANKLIN BLVD		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1256	4905600010000	7529	PHOENIX PARK DR		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1257	4905600010000	7537	PHOENIX PARK DR		22' NLL 7637 Franklin Boulevard 44' WEC Franklin Boulevard		4-plex -(E) 1 1/4" copper service
1258	4905600020000	17	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
1259	4905600020000	25	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
1260	4905600020000	29	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
1261	4905600020000	35	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
1262	4905600020000	7	CREEKS EDGE WY				4-plex -(E) 1 1/4" copper service
1263	4905600020000	7487	ABIDING PLACE				4-plex -(E) 1 1/4" copper service
1264	4905600020000	7491	ABIDING PLACE				4-plex -(E) 1 1/4" copper service
1265	4905600020000	7495	ABIDING PLACE				4-plex -(E) 1 1/4" copper service
1266	4905600020000	7501	ABIDING PLACE				4-plex -(E) 1 1/4" copper service

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1267	490560020000	7509	ABIDING PLACE				4-plex -(E ) 1 1/4" copper service
1268	490560020000	7517	ABIDING PLACE				4-plex -(E ) 1 1/4" copper service
1269	5300510010000	3310	MEADOWVIEW RD	1.25		87.4 S CL of Meadowview Road Back at Sidewalk	
1270	5300510020000	0	DETROIT BL			<b>Comment: City of Sacramento Well 72</b>	
1271	5300510030000	7608	DETROIT BL	1.0	22' EEC Detroit Blvd - NPL Jola Circle	11 EWLL of Lot #156 Back of Sidewalk	
1272	5300510040000	7612	DETROIT BL	1.0	27' SNLL - 10' WWC of Street		
1273	5300510050000	7616	DETROIT BL	1.0		26.3 NSLL at Lot #3 Back of Sidewalk	
1274	5300510060000	7620	DETROIT BL	1.0		22 SNLL Back of Sidewalk under Drive Way	
1275	5300510070000	7624	DETROIT BL	1.25		96.9 WELL of Lot #139, Back of Sidewalk	
1276	5300510080000	7628	DETROIT BL	1.25		21 SNLL, 10 WWC of Detroit in Driveway	
1277	5300510090000	7632	DETROIT BL	1.25		69.4" SNLL of Lot #47 Back of Sidewalk	
1278	5300510100000	7636	DETROIT BL	1.0	33' SNLL - 11' WWC of Detroit		
1279	5300510110000	7638	BILLINGS WY	1.0	30' NSLL - 9' WWC of Billings Way		
1280	5300510120000	7644	BILLINGS WY	1.0	28' NSLL, back of sidewalk in box		
1281	5300510130000	7650	BILLINGS WY	1.0	30' NSLL, 6' WWC in box		
1282	5300520010000	3350	JOLA CR	1.0	24' EEC of Detroit - 5' SSC of Jola		
1283	5300520020000	3370	JOLA CR	1.0	25 1/2' EWLL - 1 1/2' SSPL of Jola Circle		
1284	5300520030000	3390	JOLA CR	1.0	37' EWLL - 7' SSC Jola Circle		
1285	5300520040000	3400	JOLA CR	1.0	25' WEPL - .5' to 1' Back of sidewalk	CL Jola Circle - 25 WEPL	
1286	5300520050000	3404	JOLA CR	1.0	31' WELL - 29' EWLL - 6 1/2' SSC of Jola 3' Deep		
1287	5300520060000	3408	JOLA CR	1.0	31' EWLL, 5' SSC of Jola Cir in S/P		
1288	5300520070000	3440	JOLA CR	1.0	46' EWLL - 5' NNC of Jola in Standpipe, square nut		
1289	5300520080000	3444	JOLA CR	1.0	Same - 1' Back of Walk	30 EWLL - 15 SNC of Jola Circle	
1290	5300520090000	3448	JOLA CR	1.0	29' WELL - 5' NNC of Jola Circle in Standpipe		
1291	5300520100000	3454	JOLA CR	1.0	31' WELL - 6' NNC of Jola Circle		
1292	5300520110000	3458	JOLA CR	1.0	29' WELL, 4' NNC of Jola Circle		
1293	5300520120000	3462	JOLA CR				
1294	5300530020000	3371	JOLA CR	1.0	26 1/2' EWLL - 6' NNC of Jola Circle		
1295	5300530030000	3391	JOLA CR	1.0	23' EWLL - 7' NNC of Jola Circle Standpipe		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1296	5300530040000	3401	JOLA CR	1.0	CL Jola Circle - 22.5' EWPL	22.5 EWPL - .5 to 1 Back of sidewalk	
1297	5300530050000	3405	JOLA CR	1.0	CL Jola Circle - 35.8' WEPL	35.8 WEPL .5 to 1 Back of sidewalk	
1298	5300530060000	3409	JOLA CR	1.0	12' WELL, 5' NNC in box	28WELL, 17SNC of Jola	
1299	5300530070000	3413	JOLA CR	1.0	22' EWLL - 1' NNPL of Jola		
1300	5300530080000	3417	JOLA CR	1.0	6' EEC, 28 1/2' NSLL		
1301	5300530090000	3421	JOLA CR	1.0	29' NSLL, 25' SNLL, 6' EEC of Jola in box		
1302	5300530100000	3425	JOLA CR	1.0	29' SNLL - 1' Behind walk		
1303	5300530110000	3429	JOLA CR	1.0	30' SNLL - 8' EEC of Jola Circle		
1304	5300530120000	3433	JOLA CR	1.0	CL Jola Circle - 15' SNPL	15 SNPL - .5 to 1 Back of sidewalk	
1305	5300530130000	3437	JOLA CR	1.0	24' EWLL, 6' SSC of Jola Cir in box	18 EWLL	
1306	5300530140000	3441	JOLA CR	1.0	42' EWLL - 1' SNPL of lot		
1307	5300530150000	3445	JOLA CR	1.0	30' WELL - 24' EWLL - 6' SSC of Jola		
1308	5300530160000	3449	JOLA CR	1.0	28' EWLL, 7' SSC of Jola in Standpipe - Square nut		
1309	5300530170000	3453	JOLA CR	1.0	1.5' Behind Side walk, 34' EWLL - 6' SSC of Jola Circle		
1310	5300530180000	3457	JOLA CR	1.25	96' WELL - 6' SSC of Jola Circle		
1311	5300530190000	7629	DETROIT BL	1.25		51.1 NSLL of Lot #138 Back of Sidewalk. 8 EEC Detroit	
1312	5300530200000	7635	DETROIT BL	1.0	38' EEC of Detroit - 7' NNC of Laurie		
1313	5300530210000	7639	LAURIE WY	0.75	1" Square Nut 31 1/2 Well - 8' NNC 35' EWLL		
1314	5300530220000	7643	LAURIE WY	1.0	26' Well - 6' NNC Laurie		
1315	5300530230000	7647	LAURIE WY	1.0	9' NNC Laurie - 34 1/2' EWLL		
1316	5300530240000	7651	LAURIE WY	1.0	CL Laurie Way - 25.8' NSPL	25.8 NSPL - 0.5 to 1 Back of Sidewalk	
1317	5300530250000	7655	LAURIE WY	1.0	34' NSLL - 7' EEC of Laurie		
1318	5300530260000	7659	LAURIE WY	1.0	28'SNLL, 5'EEC in standpipe	25.5 SNPL, CL of Laurie Way	
1319	5300530270000	7663	LAURIE WY	1.0	36' SNLL, 24' SNLL 5' EEC in S/P		
1320	5300530280000	7667	LAURIE WY	1.0	27' SNLL - 6' EEC of Laurie		
1321	5300540010000	7645	BILLINGS WY	1.0	69 1/2' NSLL, & Back of walk	74 NSLL. 15 WEC of Billings	
1322	5300540020000	7631	BILLINGS WY				
1323	5300550010000	7643	DETROIT BL	1.0		19.3 EWLL of Lot #85 Back of Sidewalk	
1324	5300550020000	7654	LAURIE WY	1.0	34' NSLL - 7' WWC of Laurie Way	Same	
1325	5300550030000	7658	LAURIE WY	1.0	CL - Laurie Way - 36' 1" NSPL	36.1 NSPL - 0.5 to 1 Back of Sidewalk	
1326	5300550040000	7662	LAURIE WY	1.0	30' SNPL - 6' WWC of Laurie Standpipe	36.3 NSLL of Lot #83 Back of Sidewalk	
1327	5300550050000	7651	DETROIT BL	1.0		34.2 NSLL of Lot #84 Back of Sidewalk	
1328	5300550060000	7647	DETROIT BL	1.0	#1) 34' NSLL, on lot line		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1329	5300610010000	7656	BILLINGS WY	1.0	32' SNLL - 5' WWC of Billings Way 33' SNLL - 5' WWC of Billings Way' 24' NSLL in S/P		
1330	5300610020000	7662	BILLINGS WY	1.0			
1331	5300610030000	7668	BILLINGS WY	1.0	CL Billings Way - 35.5' NSPL	35.5 NSPL - .5 to 1 Back of sidewalk, 1 - 8 - 1988, C/S 33 NSLL & 6 WWC of Billings Way	
1332	5300610040000	7674	BILLINGS WY	1.0	25' SNLL - 6' WWC of Billings Way		
1333	5300610050000	7682	BILLINGS WY	1.0	28' SNLL - 7' WWC of Billings Way		
1334	5300610060000	7696	BILLINGS WY	1.0	40' NSLL, 6' WWC in S/P (Square nut C/S)		
1335	5300610070000	7700	BILLINGS WY	1.0	CL, Billings Way - 29.6' NSPL	29.6 NSPL - .5 to 1 back of walk	
1336	5300610080000	7704	BILLINGS WY	1.0	#1) 30' SNLL, 5' WWC in box (07/23/05) #2) 30' SNLL, 5' WWC of Billings Way (Old)		
1337	5300610090000	7708	BILLINGS WY	1.0	31' NSLL, 6' WWC		
1338	5300610100000	7716	BILLINGS WY	1.0	27.5' SNLL - 5' WWC of Billings		
1339	5300610110000	7722	BILLINGS WY	1.0	30' SNLL - 32' NSLL - 1' West of back of sidewalk		
1340	5300610120000	7728	BILLINGS WY	1.0	CL Billings Way - 35.6' NSPL	35.5 NSPL - .5 to 1 Back of sidewalk	
1341	5300610130000	7734	BILLINGS WY	1.0	19' NSLL 5' WWC of billings		
1342	5300620010000	7657	BILLINGS WY	1.0	44' SNLL - 5' EEC of Billings Way		
1343	5300620020000	7648	DETROIT BL	1.0	1) 35' SNLL - 8' WWC o/Detroit in box (6/14/06) 2) 35' SNLL - 7' WWC in c/s box (6/6/06) 3) 36' SSLL - 9' WWC of Detroit		
1344	5300620030000	7652	DETROIT BL	1.0	6' WEPL of Lot - 30' SNLL	39 NSLL, 9 EWC of Detroit	
1345	5300620040000	7664	DETROIT BL	1.0	10' WWC of Detroit - 31' SNLL	31 SNLL	
1346	5300620050000	7674	DETROIT BL	1.0	31' SNLL - 11' WWC in Standpipe	35 NSLL of Lot #52 Back of Sidewalk	
1347	5300620060000	7682	DETROIT BL	1.0			
1348	5300620070000	7696	DETROIT BL	1.0	29' SNLL, 10' WWC of Detroit in Box		
1349	5300620080000	7700	DETROIT BL	1.0	39' NSLL - 10' WWC of Detroit, 19 1/2' SNLL	12 EWC - 39 NSLL	
1350	5300620090000	7704	DETROIT BL	1.0	28.5 SNLL of Lot #55 Back of Sidewalk	28.5 SNLL of Lot #55	
1351	5300620100000	7710	DETROIT BL	1.0		35 NSLL of Lot #56	
1352	5300620110000	7716	DETROIT BL	1.0		30 NSLL at Lot #57 Back of Sidewalk	
1353	5300620120000	7722	DETROIT BL	1.0		35 NSLL of Lot #58 Back of Sidewalk or 10 WWC of Detroit	
1354	5300620130000	7728	DETROIT BL	1.0		34.2 NSLL of Lot #59 Back of Sidewalk	
1355	5300620140000	7734	DETROIT BL	1.0	26' NSLL - 34' SNLL - 10' WWC of Detroit		
1356	5300620150000	7735	BILLINGS WY	1.0	22' SNLL - At WLL of Lot		
1357	5300620160000	7729	BILLINGS WY	1.0	26' SNLL - 6' EEC of Billings		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1358	5300620170000	7723	BILLINGS WY	1.0	25 1/2' SNLL - 6' EEC of Billings Way		
1359	5300620180000	7717	BILLINGS WY	1.0	36 1/2' NSPL, 1/2' to 1' back of walk		
1360	5300620190000	7711	BILLINGS WY	1.0	38.5' NSLL - 1.5' Back of sidewalk in S/P 15' SNLL of 7705 Billings' 6' EEC, 40' 4 NSPL	38.4 NSPL - CL Billings Wy	
1361	5300620200000	7705	BILLINGS WY	1.0			
1362	5300620210000	7701	BILLINGS WY	1.0	23' NSLL, 5' EEC, 38' SNLL in S/P		
1363	5300620220000	7697	BILLINGS WY	1.0	37' NSLL - 22' SNLL - on EPL of Billings Way		
1364	5300620230000	7687	BILLINGS WY	1.0	36 1/2' NSLL - 7' WWC of Billings Way		
1365	5300620240000	7681	BILLINGS WY	1.0	25' SNLL - 5' EEC of Billings Way		
1366	5300620250000	7673	BILLINGS WY	1.0	25' SNLL - 5' EEC		
1367	5300620260000	7663	BILLINGS WY	1.0	27' SNLL - 8' EEC		
1368	5300630010000	7655	DETROIT BL	1.0	19' SNLL - 10' EEC of Detroit Avenue		
1369	5300630020000	7668	LAURIE WY	1.0	26' SNPL of Lot- 6 1/2' WWC of Laurie		
1370	5300630030000	7672	LAURIE WY	1.0	CL Laurie Way - 41.1' NSPL	41.1 NSPL - 0.5 to 1 Back of Sidewalk	
1371	5300630040000	7678	LAURIE WY	1.0	22' SNLL - 4' WWPL of Laurie		
1372	5300630050000	7682	LAURIE WY	1.0	35' NSLL - 2' W of Sidewalk		
1373	5300630060000	7686	LAURIE WY	1.0	26' SNLL - 2' WWPL of Laurie		
1374	5300630070000	7690	LAURIE WY	1.0	29' SNLL, 7' WWC, 32' NSLL in S/P		
1375	5300630080000	7694	LAURIE WY	1.0	7' WWC - 32' NSLL Laurie Way		
1376	5300630090000	7700	LAURIE WY	1.0	7' WWC of Laurie - 36' NSLL		
1377	5300630100000	7704	LAURIE WY	1.0	24' SNLL, 6' WWC - 25' EWLL, 6' NNC		
1378	5300630110000	7708	LAURIE WY	1.0	Same & 6' WWC Laurie Way	27 NSLL - 33 SNLL - 15 EWC Laurie	
1379	5300630120000	7712	LAURIE WY				
1380	5300630130000	7718	LAURIE WY	1.0	23' SNLL - 37' NSLL 6' WWC of Laurie		
1381	5300630140000	7722	LAURIE WY	1.0	CL - Laurie Way - 36.2' NSPL	36.2 NSPL - 0.5 to 1 Back of Sidewalk	
1382	5300630150000	7726	LAURIE WY	1.0	CL Laurie Way - 23.8' SNPL	23.8 SNPL - 0.5 - 1 Back of Sidewalk	
1383	5300630160000	7735	DETROIT BL	1.0			
1384	5300630170000	7729	DETROIT BL	1.0	24' SNLL, 9' EEC of Detroit Blvd	30 NSLL of Lot #69 Back of Sidewalk	
1385	5300630180000	7723	DETROIT BL	1.0			
1386	5300630190000	7717	DETROIT BL	1.0			
1387	5300630200000	7711	DETROIT BL	1.0	25' SNLL, 11' EEC Standpipe		
1388	5300630210000	7705	DETROIT BL	1.0	1) 25' SNLL, 10' EEC in box (11/16/05)	25 SNLL, 30 WEC (11/16/05)	
1389	5300630220000	7701	DETROIT BL	1.0	19' SNLL, 10' EEC		
1390	5300630230000	7697	DETROIT BL	1.0	25' SNLL, 10' EEC		
1391	5300630240000	7689	DETROIT BL	1.0	24' SNLL - 10' EEC of Detroit Blvd		
1392	5300630250000	7681	DETROIT BL	1.0	18' SNLL - 12' EWPL		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1393	5300630260000	7673	DETROIT BL	1.0		31 NSLL of Lot #79 back of Sidewalk	
1394	5300630270000	7665	DETROIT BL	1.0		34.7 NSLL Lot #80 Back of Sidewalk	
1395	5300630280000	7659	DETROIT BL	1.0	35' NSLL - 11' EEC of Detroit Blvd		
1396	5300640010000	7671	LAURIE WY	1.0	29' NSLL - 6' EEC of Laurie		
1397	5300640020000	7675	LAURIE WY	1.0	3' EWLL - 7' NSLL		
1398	5300640030000	7679	LAURIE WY	1.0	34' NSLL - 27' SNLL - 6' EEC of Laurie Wy	32 NSLL - 15 WEC of Laurie 26.2 SNPL - 0.5 to 1 Back of Sidewalk	
1399	5300640040000	7683	LAURIE WY	1.0	CL Laurie Way - 26.2' SNPL 1) 26' SNLL, 6' EEC (9/22/05) 2) 23' SNLL, 6' EEC (09/20/05) 3) CL Laurie Way, 34.2' NSPL 25' NSLL - 5' EEC	16 WEC, 26 SNLL	
1400	5300640050000	7687	LAURIE WY	1.0			
1401	5300640060000	7691	LAURIE WY	1.0			
1402	5300640070000	7695	LAURIE WY	1.0	CL Laurie Way - 25.7' SNPL	25.7 SNPL - 0.5 to 1 Back of Sidewalk	
1403	5300640080000	7701	LAURIE WY	1.0	1) 21' NSCC - 6' EEC (11/1/06) 2) 21' SNLL - 2' EEC of Laurie Way		
1404	5300640090000	7707	LAURIE WY	1.0	CL of Street - 39.3' WEPL	39.3 WEPL - 0.5 to 1 Back of Sidewalk	
1405	5300640100000	7711	LAURIE WY	1.0	20' EWLL - 6' NNC in S/P		
1406	5300640110000	7715	LAURIE WY				
1407	5300640120000	7719	LAURIE WY	1.0	FB 1159	15.8 SNPL - 0.5 to 1 Back of Sidewalk	
1408	5300640130000	7723	LAURIE WY	1.0	CL of Street - 41.5' WEPL	41.5 WEPL - 0.5 to 1 Back of Sidewalk	
1409	5300640140000	7727	LAURIE WY	1.0	CL Laurie way - 30.8' SNPL	30.8 SNPL - 0.5 to 1 Back of Sidewalk	
1410	5300710010000	7740	BILLINGS WY	1.0	35' NSLL - 5' WWC of Billings Way		
1411	5300710020000	7746	BILLINGS WY	1.0	CL Billings Way & 35.3' NSPL	35.3 NSPL - .5 to 1 back of sidewalk	
1412	5300710030000	7752	BILLINGS WY	1.0	31 1/2' SNLL - 6' WWC of Billings		
1413	5300710040000	7758	BILLINGS WY	1.0	CL of Billings Way - 37.2' NSPL	37.2 NSPL - .5 to 1 back of sidewalk	
1414	5300720010000	7741	BILLINGS WY	1.0	CL Billings Way - 36.3' NSPL	36.3 NSPL - .5 to 1 back of sidewalk	
1415	5300720020000	7740	DETROIT BL	1.0	36' NSLL, 10' WWC of Detroit, 23' SNLL in S/P		
1416	5300720030000	7746	DETROIT BL	1.0	25' SNLL, 6' Back of Sidewalk in S/P		
1417	5300720040000	7754	DETROIT BL	1.0		25.6 SNLL of Lot #63 Back of Sidewalk	
1418	5300720050000	7758	DETROIT BL	1.0	1) 26' snll - 10' wwc of Detroit (3/16/07) 2) 24' NSLL - 10' WWC of Detroit Blvd		
1419	5300720060000	7759	BILLINGS WY	1.0	43' NSLL - back of sidewalk		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1420	5300720070000	7753	BILLINGS WY	1.0	25.4' SNPL - CL Billings Way	25.4' SNPL - .5 to 1 back of sidewalk	
1421	5300720080000	7747	BILLINGS WY	1.0	24' NSLL - 6' EEC Billings		
1422	5300730010000	7741	DETROIT BL	1.0		34.5 NSLL of Lot #68 Back of Sidewalk	
1423	5300730020000	7734	Laurie WY	1.0	1) 23' SNLL, 5' WWVC (7/15/06) 2) 25' SNLL, 5' WWVC (7/11/06) 3) 24' SNLL, 5' WWVC of Laurie		
1424	5300730030000	7740	Laurie WY	1.0	CL Laurie Way - 22.7' SNPL	22.7' SNPL - 5 to 1 Back of Sidewalk	
1425	5300730040000	7750	Laurie WY	1.0	CL Laurie Way - 35.7' NSPL	35.7' NSPL - 0.5 to 1 Back of Sidewalk	
1426	5300730050000	7758	Laurie WY				
1427	5300730070000	7759	DETROIT BL	1.0	23 1/2' SNLL - 9' EEC of Detroit		
1428	5300730080000	7753	DETROIT BL		25' SNLL, 10' EEC of Detroit Bl		
1429	5300730090000	7747	DETROIT BL	1.0	26' SNLL - 6' Behind Sidewalk		
1430	5300740010000	7733	Laurie WY				
1431	5300740020000	7737	Laurie WY	1.0	3' EWPL, 6'NNC in c/s box	35.8 EWPL, CL of Street	
1432	5300740030000	7741	Laurie WY	1.0	FB 1159	25.5 N of most Southerly corner - 0.5 to 1 back of sidewalk	
1433	5300740040000	7745	Laurie WY	1.0	8' NSLL - 5' EEC of Laurie		
1434	5300740050000	7749	Laurie WY	1.25	5' EWLL & 31' WELL & SSPL of Laurie Way	9 NSPL of Laurie Way	
1435	5300740060000	7753	Laurie WY	1.0	CL of Street - Sec FB 1159 Pg 60	19.7 EWPL - 0.5 to 1 Back of Sidewalk	
1436	5300740070000	7757	Laurie WY	1.0	CL of Street - 24.5' EWPL	24.5 EWPL - 0.5 to 1 Back of Sidewalk	
1437	5300740080000	7761	Laurie WY	1.0	CL of Street - 37.3' WEPL	37.3 WEPL - 0.5 to 1 Back of Sidewalk	
1438	5300910010000	7794	SHRADER CR	1.0	35' NSPL of Lot	On WPL of Shrader Circle	
1439	5300910020000	7798	SHRADER CR	1.0	29' SNLL, 32' NSLL, 11' WWVC of Shrader, in c/s box	34 -1/2 NSPL of Lot - on WPL of Shrader Circle	
1440	5300910030000	7800	SHRADER CR	1.0	26 1/2' SNPL of Lot	34-1/2 NSPL of Lot - on WPL of Shrader Circle	
1441	5300910040000	7804	SHRADER CR	1.0	26.5' SNPL of Lot	34.5 NSPL of Lot, on WPL of Shrader Circle	
1442	5300910060000	7812	SHRADER CR	1.0	26' SNPL of Lot	34 NSPL of Lot - on WPL of Shrader Circle	
1443	5300910070000	7816	SHRADER CR	1.0	26'SNPL of Lot	34NSPL of Lot, on WPL of Shrader Cir.	
1444	5300910080000	7820	SHRADER CR	1.0	26' SNPL of Lot	34 NSPL of Lot - on WPL of Shrader Circle	
1445	5300910090000	7826	SHRADER CR	1.0	26' SNPL of Lot	34 NSPL of Lot - on WPL of Shrader Circle	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1446	5300910100000	7832	SHRADER CR	1.0	26' NSPL of Lot	34 NSPL of Lot - on WPL of Shrader Circle	
1447	5300910110000	7836	SHRADER CR	1.0	1) 39' SNLL - 8' WWC in c/s box o/address (9/19/06) 2) 28' SNLL, 7' EEC	34 NSPL of Lot, on WPL of Shrader Circle	
1448	5300910120000	7840	SHRADER CR	1.0	22' SNLL - 7' WWC in box in Driveway		
1449	5300920010000	3401	GATES WY	1.0	53' E of WPL of Lot	On NPL of Gates Way	
1450	5300920020000	3409	GATES WY	1.0	34' WEPL of lot	26 EWPL of Lot - On NPL of Gates Way	
1451	5300920030000	3413	GATES WY	1.0	26' EWPL of Lot	On NPL of Gates Way	
1452	5300920040000	3417	GATES WY	1.0	27' WEPL of Lot	19 EWPL of Lot - On NPL of Gates Way	
1453	5300920050000	3421	GATES WY	1.0	17' NSPL of Lot	25 NSPL of Lot - On EPL of Gates Way	
1454	5300920060000	3425	GATES WY	1.0	32' SNPL of Lot	On EPL of Lot	
1455	5300920070000	3429	GATES WY	1.0			
1456	5300920080000	3433	GATES WY	1.0	36' NSLL - 8' EEC in S/P, 29' SNLL		
1457	5300920090000	3437	GATES WY	1.0	28' SNLL - 7' EEC of Gates Way		
1458	5300920100000	3441	GATES WY	1.0	34 1/2' NSPL of Lot	26 1/2' SNPL of Lot - On WPL of Gates Way	
1459	5300920110000	3445	GATES WY	1.0	34 1/2' NSPL of Lot	26 1/2' SNPL of Lot - On EPL of Gates Way	
1460	5300920120000	3449	GATES WY	1.0	12' EEC of Gates - 27 1/2' SNLL		
1461	5300920130000	3453	GATES WY	1.0	28' SNLL - 7 1/2' EEC of Gates Way		
1462	5300920140000	3455	GATES WY	1.0	31' SNLL - 5' Behind Sidewalk in Stand Pipe		
1463	5300920150000	7848	DETROIT BL	1.0	24' SNPL of Lot	51 NSPL of Lot - on WPL of Detroit Blvd	
1464	5300920160000	7842	DETROIT BL	1.0	27' SNLL, Back of Walk	35 NSPL, on WPL of Detroit BI	
1465	5300920170000	7836	DETROIT BL	1.0	31' SNLL - 14' WWC of Detroit		
1466	5300920180000	7830	DETROIT BL	1.0	36' NSPL of Lot - 6' WWC of Detroit		
1467	5300920190000	7824	DETROIT BL	1.0	34' NSLL, 29' SNLL, 14' WWC of Detroit in S/P		
1468	5300920200000	7818	DETROIT BL	1.0	36' SNPL of Lot	28 NSPL of Lot - on WPL of Detroit Blvd	
1469	5300920210000	7812	DETROIT BL	1.0	32'SNLL, 13'WWC of Detroit in Standpipe		
1470	5300920220000	7806	DETROIT BL	1.0	39 1/2' SNPL of Lot	31 1/2' NSPL of Lot - on WPL of Detroit Blvd	
1471	5300920230000	7800	DETROIT BL	1.0	28.5' NSLL - Back of Walk		
1472	5300920240000	7794	DETROIT BL	1.0	28' SNLL - 10' WWC of Detroit in c/s box		
1473	5300920250000	7790	DETROIT BL	1.0	31' SNLL, 8' WWC of Detroit in box		
1474	5300930010000	3601	FALLIS CR	1.0	40' WEPL of Lot	30 NSPL of Lot	
1475	5300930020000	3609	FALLIS CR	1.0	25' WELL - 7' NNC of Fallis in Standpipe	On NPL of Fallis Circle	
1476	5300930030000	3613	FALLIS CR	1.0	33' WELL, 9' NNC of Fallis in S/P		
1477	5300930040000	3617	FALLIS CR	1.0	26' EWLL, 7' NNC in c/s box		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1478	5300930060000	3625	FALLIS CR	1.0	35'-1/2' WEPL of Lot	27'-1/2' EWPL of Lot - on NPL of Fallis Circle	
1479	5300930070000	3629	FALLIS CR	1.0	28' EWPL of Lot	On NPL of Fallis Circle	
1480	5300930080000	3633	FALLIS CR	1.0	22'-1/2' WEPL of Lot	14'-1/2' EWPL of Lot - on NPL of Fallis Circle	
1481	5300930090000	3637	FALLIS CR	1.0	15' NSLL - 6' EEC	On EPL of Fallis Circle	
1482	5300930100000	3641	FALLIS CR	1.0	25' NSPL of Lot	33 NNPL of Lot - on EPL of Fallis Circle	
1483	5300930110000	3645	FALLIS CR	1.0	25' NSPL of Lot		
1484	5300930120000	3649	FALLIS CR	1.0	27 1/2 NSLL - 8' EEC Fallis Cir		
1485	5300930130000	3653	FALLIS CR	1.0	27'-1/2' NSPL of Lot	34'-1/2' SNPL of Lot - on EPL of Fallis Circle	
1486	5300930140000	3657	FALLIS CR	1.0	27' NSPL of Lot	35 SNPL of Lot - on EPL of Fallis Circle	
1487	5300930150000	3661	FALLIS CR	1.0	28' NSLL - 3 1/2' Behind Sidewalk		
1488	5300930160000	3665	FALLIS CR	1.0	26' NSLL - 7' EEC of Fallis Court		
1489	5300930170000	3669	FALLIS CR	1.0	26'-1/2' NSPL of Lot	34'-1/2' SNPL of Lot - on WPL of Fallis Circle	
1490	5300930180000	3673	FALLIS CR	1.0	26'-1/2' NSPL of Lot	34'-1/2' SNPL of Lot - on WPL of Fallis Circle	
1491	5300930190000	3677	FALLIS CR	1.0	31' NSLL, WPL of Fallis Circle, 31' SNLL 6' EEC of Fallis in box		
1492	5300930200000	3681	FALLIS CR	1.0	Service Valve 15' NSPL of Lot	23 SNPL of Lot - on WPL of Fallis Circle	
1493	5300930210000	3685	FALLIS CR	1.0	27' WEPL of Lot	On SPL of Fallis Circle	
1494	5300930220000	3689	FALLIS CR	1.0	27' EWPL of Lot	35 WEPL of Lot - on SPL of Fallis Circle	
1495	5300930230000	3693	FALLIS CR	1.0	27' EWPL of Lot	On SPL of Fallis Circle	
1496	5300930240000	7855	DETROIT BL	1.0	39' NSLL - 6 1/2' EEPL of Detroit		
1497	5300930250000	7857	DETROIT BL	1.0	34' SNPL of Lot	26 NSPL of Lot - on EPL of Detroit Blvd	
1498	5300930260000	3621	FALLIS CR	1.0	37' WELL - 4 1/2' NNPL of Fallis Circle		
1499	5300940010000	3400	GATES WY	1.0	50' EWPL of Lot	On SPL of Gates Way	
1500	5300940020000	3408	GATES WY	1.0	37'WELL 27'EWLL 8'SSC of Gates Way in box.	28 EWPL of Lot	
1501	5300940030000	3412	GATES WY	1.0	45' WEPL of Lot	38 EWPL of Lot - On SPL of Lot	
1502	5300940040000	3432	GATES WY	1.0	28 1/2' SNPL of Lot	36 1/2' NSPL of Lot - On WPL of Gates Way	
1503	5300940050000	3436	GATES WY	1.0	26 1/2' SNPL of Lot	34 1/2' NSPL of Lot - On WPL of Gates Way	
1504	5300940060000	3440	GATES WY	1.0	26 1/2' SNPL of Lot	34 1/2' NSPL of Lot - On WPL of Gates Way	
1505	5300940070000	3444	GATES WY	1.0	26 1/2' SNPL of Lot	34 1/2' NSPL of Lot - On WPL of Gates Way	
1506	5300940080000	3448	GATES WY	1.0	26 1/2' SNLL - 9' WWC of Gates Way		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1507	5300940090000	3452	GATES WY	1.0	33 1/2' NSLL - 8' WWC of Gates Way		
1508	5300940100000	3456	GATES WY	1.0	30' SNPL of Lot	45 NSPL of Lot - On WPL of Gates Way	
1509	5300940110000	7837	SHRADER CR	1.0	27' SNLL - 8' EEC of Shrader Circle		
1510	5300940120000	7833	SHRADER CR	1.0	26 1/2' SNPL of Lot, on EPL of Shrader Circle		
1511	5300940130000	7827	SHRADER CR	1.0	28' SNLL - Back of Walk	34 1/2' NSPL of Lot 30 NSLL, 15 EWC	
1512	5300940140000	7821	SHRADER CR	1.0	34-1/2' NSPL of Lot	26-1/2' SNPL of Lot - on EPL of Shrader Circle	
1513	5300940150000	7817	SHRADER CR	1.0	31' SNLL, 31' NSLL, 9' EEC in box.	26-1/2' SNPL of Lot - EPL of Shrader Circle	
1514	5300940160000	7813	SHRADER CR	1.0	27' SNLL - 6' EWC of Shrader Circle	26 1/2' SNPL of Lot - on EPL of Shrader	
1515	5300940170000	7809	SHRADER CR	1.0	36-1/2' NSPL of Lot	28-1/2' SNPL of Lot - on EPL of Shrader Circle	
1516	5300950010000	3600	FALLIS CR	1.0	47' WEPL, 12' SSC in box in driveway	On SPL of Fallis Circle	
1517	5300950020000	3608	FALLIS CR	1.0	25' EWLL, 8' SSC	35 WEPL of Lot, on SPL of Fallis Cir.	
1518	5300950030000	3612	FALLIS CR	1.0	25' EWLL - 7' SSC Fallis Cir		
1519	5300950040000	3616	FALLIS CR	1.0	27' EWPL of Lot	35 WEPL of Lot - on SPL of Fallis Circle	
1520	5300950050000	3620	FALLIS CR	1.0	27-1/2' EWPL of Lot	35-1/2' WEPL of Lot - on SPL of Fallis Circle	
1521	5300950060000	3624	FALLIS CR				
1522	5300950070000	3640	FALLIS CR	1.0	61' SNLL of Lot, 8' WWC of Fallis Cir in box	52 NSPL of Lot	
1523	5300950080000	3644	FALLIS CR	1.0	64' SNPL of Lot	On WPL of Fallis Circle	
1524	5300950090000	3652	FALLIS CR	1.0	19' WELL - 7' NNC of Fallis in SP		
1525	5300950100000	3654	FALLIS CR	1.0	16' NSLL, 8' WWC in box in driveway	23 WEPL of Lot	
1526	5300950110000	3656	FALLIS CR	1.0	21-1/2' S of NPL of Lot	3-1/2' N of SPL of Lot - on WPL of Fallis Circle	
1527	5300950120000	3658	FALLIS CR	1.0	14' WELL - 6' SSC of Fallis Circle		
1528	5300950130000	3664	FALLIS CR	1.0	36' NSLL & 10' WWC of Fallis in box		
					1) 30' NSLL, 38' SNLL, 7' WWC in concrete c/s box (2/21/06) 2) 36' NSLL, 7' WWC (2/13/06) 3) 30' NSLL, 38' SNLL, 7' WWC of Fallis Cir (2/7/06)		
1529	5300950140000	3668	FALLIS CR	1.0		31 NSPL of Lot - on WPL of Fallis Circle	
1530	5300950150000	3672	FALLIS CR				
1531	5300950160000	3692	FALLIS CR	1.0	39' WEPL of Lot	31 EWPL of Lot - on NPL of Fallis Circle	
1532	5300950170000	7849	DETROIT BL	1.0	51' NSPL of Lot	24 SNPL of Lot - EPL of Detroit Blvd	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1533	5300950180000	7843	DETROIT BL	1.0	34 1/2' NSPL of Lot	26 1/2' SNPL of Lot - on EPL of Detroit Blvd	
1534	5300950190000	7837	DETROIT BL	1.0	34 1/2' NSPL of Lot	26 1/2' SNPL of Lot - on EPL of Detroit Blvd	
1535	5300950200000	7831	DETROIT BL	1.0	34 1/2' NSPL of Lot	26 1/2' SNPL of Lot - on EPL of Detroit Blvd	
1536	5300950210000	7825	DETROIT BL	1.0	26 1/2' SNLL - 11 1/2' EEC of Detroit Blvd		
1537	5300950220000	7819	DETROIT BL	1.0	26 1/2' SNPL - 12' EEC		
1538	5300950230000	7813	DETROIT BL	1.0	26' SNLL - Back of Walk	26 SNLL - 13 EWC	
1539	5301010010000	7764	BILLINGS WY	1.0	34' SNPL of lot	31 N of SPL of lot - WPL of Billings Way	
1540	5301010020000	7772	SHRADER CR	1.0	45' NSLL, 18' WWC Billings		
1541	5301010040000	7778	SHRADER CR	1.0	1) 34' NSLL - 10' WWC (8/21/06) 2) 26' SNPL of Lot	34 NSPL of Lot - on WPL of Shrader Circle	
1542	5301010050000	7782	SHRADER CR	1.0	1) 22' SNLL, 10' WWC in box (7/28/05) 2) 21' SNLL, 10' WWC in S/P (7/26/05) 3) 21' SNLL, 10' WWC in S/P (7/25/05)	35 1/2' NSPL of Lot on WPL of Shrader Circle	
1543	5301010060000	7786	SHRADER CR	1.0	27 1/2' SNPL of Lot	85 1/2' NSPL of Lot - on WPL of Shrader Circle	
1544	5301010070000	7790	SHRADER CR	1.0	36' NSLL, 13' WWC of Shrader No Standpipe		
1545	5301020010000	7766	SHRADER CR	1.0	24' EEC Billings Way - 74' WELL - 3' SNPL	24 EEC Billings Way - 74' WELL - 7' SNPL	
1546	5301020020000	7764	SHRADER CR	1.0	59' WELL - 11' EWLL - 3' SNPL	59 WELL - 11 EWLL - 5.5 SNPL	
1547	5301020030000	7760	SHRADER CR	1.0	30.5' WWC of Detroit Blvd - 65.5' EWLL & 2' SNPL	30.5 WWC of Detroit Blvd, & 65.5 EWLL - 5.5 SNPL	
1548	5301030010000	0	DETROIT BL			<b>Comment: City of Sacramento Sump 49</b>	
1549	5301030020000	3501	REEL CR				
1550	5301030030000	3509	REEL CR	1.0	30' WELL - 41' EWLL - 6' SNPL	30 WELL - 41 EWLL - 3 SNPL	
1551	5301030050000	3513	REEL CR	1.0	44' WW Cb of Laurie Way	Same as Corp 8 SN lot line	
1552	5301040010000	3601	REEL CR	1.0	51' EWPL of lot	On NPL of Reel Circle	
1553	5301040020000	3609	REEL CR	1.0	34' EWLL - 7' NNC of Reel Ct		
1554	5301040030000	3613	REEL CR	1.0	26' EWPL of lot	27 EWLL, 2 1/2 behind Sidewalk in Standpipe	
1555	5301040040000	3617	REEL CR	1.0	26-1/2' WEPL of lot	18 - 1/2 EWPL of lot - on NPL of Reel Circle	
1556	5301040050000	3621	REEL CR	1.0	16' NSPL of lot	24 SNPL of lot - on EPL of Reel Circle	
1557	5301040060000	3625	REEL CR	1.0	34' NSPL on EPL of Reel Cir		
1558	5301040070000	3629	REEL CR	1.0	28' SNLL - 7' WWC of Reel		
1559	5301040080000	3633	REEL CR	1.0	24' NSPL of lot	36 SNPL of lot - on EPL of Reel Circle	
1560	5301040090000	3637	REEL CR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1561	5301040120000	3649	REEL CR	1.0	27' EWPL of lot	On SPL of Reel Circle	
1562	5301040140000	3657	REEL CR	1.0	26' EWPL of lot	34 WEPL of lot - on SPL of Reel Circle	
1563	5301040160000	3665	REEL CR				
1564	5301040170000	3669	REEL CR	1.0	26' WEPL on SPL of Reel Circle		
1565	5301040390000	3673	REEL CR	1.0	45-1/2' WEPL of lot	On SPL of Reel Circle	
1566	5301040400000	3653	REEL CR	1.0	34-1/2' EWPL of lot	26-1/2 WEPL of lot - on SPL of Reel Circle	
1567	5301040410000	3645	REEL CR	1.0	18-1/2' EWPL of lot	26-1/2 WEPL of lot - on SPL of Reel Circle	
1568	5301040420000	3641	REEL CR	1.0	15' SNPL of lot	On EPL of Reel Circle	
1569	5301040430000	3661	REEL CR	1.0	34' EWPL of lot	26 WEPL of lot - on SPL of Reel Circle	
1570	5301050010000	7773	SHRADER CR	1.0	77 1/2' S of NPL of Lot	On EPL of Shrader Circle	
1571	5301050020000	7765	SHRADER CR	1.0	67' NSPL of Lot	On EPL of Shrader Circle	
1572	5301050030000	7763	SHRADER CR	1.0	3' NSPL, 5' WELL of above in C/S box		
1573	5301050040000	7761	SHRADER CR	1.0	44' NSLL, 84' SSC of Shrader, 10' WWC of Detroit Bl in c/s box		
1574	5301050050000	7778	DETROIT BL	1.0	54' SNPL of Lot	On WPL of Detroit Blvd	
1575	5301050060000	7782	DETROIT BL	1.0	29' NSLL - 10' WWC of Detroit Blvd		
1576	5301050070000	7786	DETROIT BL		54' SNLL - 9' WWC of Detroit Blvd		
1577	5301050080000	7781	SHRADER CR	1.0	23' NSPL of Lot	15 SNPL of Lot - on EPL of Shrader Circle	
1578	5301050090000	7777	SHRADER CR	1.0	1) 19' SNLL - 30' NSLL - 5' EEC (5/31/06) 2) 28' NSPL of Lot	20 SNPL of Lot - on EPL of Shrader Circle	
1579	5301050100000	7785	SHRADER CR	1.0	52 1/2' NSPL of Lot	56 SNPL of Lot - on EPL of Shrader Way	
1580	5301060010000	3500	REEL CR	1.0	78' SNPL of Lot	43 NSPL of Lot - on WPL of Detroit Blvd	
1581	5301060020000	3508	REEL CR	1.25	2 1/2' EWLL - 2' NSLL		
1582	5301060030000	3512	REEL CR	1.0	26' WELL, 6' SSC in Standpipe		
1583	5301060040000	3516	REEL CR	1.0	34' EWPL of lot	26 WELL of lot - on SPL of Reel Circle Back of Sidewalk	
1584	5301060050000	3600	REEL CR	1.0		26 WEPL of lot - on SPL of Reel Circle	
1585	5301060060000	3604	REEL CR	1.0	39' WELL - 26' EWLL - 4' SSC in S/P		
1586	5301060070000	3608	REEL CR				
1587	5301060080000	3628	REEL CR	1.0	44' SNLL - 7' EEC of Reel Cir		
1588	5301060090000	3632	REEL CR				
1589	5301060100000	3656	REEL CR	1.0	29' WELL, 7' NNC of 3656 Reel Cir in meter box		
1590	5301060110000	3660	REEL CR	1.0	34' WEPL of lot	26 EWPL of lot - on NPL of Reel Circle	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1591	5301060120000	3664	REEL CR	1.0	26' WEPL of lot	34 EWPL of lot - NPL of Reel Circle	
1592	5301060130000	3668	REEL CR	1.0	34' WEPL of lot	26 EWPL of lot - on NPL of Reel Circle	
1593	5301060140000	3672	REEL CR	1.0	32-1/2' WEPL of lot	40 1/2 EWPL of lot - on NPL of Reel Circle	
1594	5301060150000	3676	REEL CR	1.0	32' W of EPL of lot	On NPL of Reel Circle	
1595	5301410010000	7861	DETROIT BL				
1596	5301410020000	7865	ANN ARBOR WY	1.0	35' SNLL, Back of Sidewalk	35 SNLL	
1597	5301410030000	7867	ANN ARBOR WY	1.0	26' WELL, Back of Sidewalk	26 WELL	
1598	5301410040000	7869	ANN ARBOR WY	1.0	27' WELL - 8' NNC of Ann Arbor		
1599	5301410050000	7871	ANN ARBOR WY	1.0	29' WELL, 5' NNC of Ann Arbor		
1600	5301410060000	7873	ANN ARBOR WY	1.0	32' WELL - back of Sidewalk	32 WELL	
1601	5301410070000	7875	ANN ARBOR WY	1.0	33' EWLL - 8' NNC of Ann Arbor		
1602	5301410080000	7877	ANN ARBOR WY	1.0	29' WELL, 8' NNC of Ann Arbor, BOW in box.	30 WELL	
1603	5301410090000	7879	ANN ARBOR WY	1.0	27' WELL - back of Sidewalk	27 WELL	
1604	5301410100000	7881	ANN ARBOR WY	1.0	29' WELL - 7' NNC of Ann Arbor		
1605	5301410110000	7883	ANN ARBOR WY	1.0	31' EWLL - 7' NNC of Ann Arbor Way in box		
1606	5301410120000	7885	ANN ARBOR WY	1.0	31' EWLL, 7' NNC of Ann Arbor Way in s/p		
1607	5301410130000	7887	ANN ARBOR WY	1.0	19 1/2' NSLL - 7' EEC of Ann Arbor	15 NSLL - 17 WEC of Ann Arbor	
1608	5301410150000	7891	ANN ARBOR WY	1.0	36' SNLL - 8' EEC of Ann Arbor		
1609	5301410160000	7893	ANN ARBOR WY	1.0	1) 32' NSLL - 6' EEC o'address (9/18/06) 2) 33' NSLL - 5' EEC in box (9/15/06) 3) 33 1/2' NSLL - 6' EEC of Ann Arbor		
1610	5301410170000	7895	ANN ARBOR WY	1.0	1) 39' EWLL, 6' NNC (9/15/05) 2) 39' EWLL, 6' NNC in S/P (5/16/05) 3) 36.5' SNLL, 7.5' EEC of Ann Arbor, 41' NSLL in SIP		
1611	5301410180000	7897	ANN ARBOR WY	1.0	34' SNLL - 7' EEC of street in Stand Pipe	21 SNLL, 13 EWC of Ann Arbor	
1612	5301410190000	7901	ANN ARBOR WY	1.0	49' NSLL - back of Sidewalk	49 NSLL	
1613	5301410200000	7907	ANN ARBOR WY	1.0	40' NSLL, 3' behind walk in SIP		
1614	5301410210000	7915	ANN ARBOR WY	1.0	31' NSLL - back of Sidewalk	31 NSLL	
1615	5301410220000	7923	ANN ARBOR WY	1.0	20' SNLL - 6' EEC of 7923 Ann Arbor in Stand Pipe		
1616	5301410240000	7889	ANN ARBOR WY	1.0	27' NSLL, 6' EEC in box		
1617	5301420010000	7924	ANN ARBOR WY	1.0	21' SNLL - back of Sidewalk	21 SNLL	
1618	5301420020000	7914	ANN ARBOR WY	1.0	38' NSLL, 25' SNLL - 4 1/2' Behind Sidewalk, 9' WWC of Ann Arbor		
1619	5301420030000	7908	ANN ARBOR WY	1.0	22' SNLL - 5' WWC in box	32 NSLL	
1620	5301420040000	7904	ANN ARBOR WY	1.0	31' NSPL, 8' WWC in c/s box		
1621	5301420050000	7900	ANN ARBOR WY	1.0	1) 23' snll - 6' wwc in sp (1/16/07) 2) 30' NSLL, 7' WWC-in driveway		
1622	5301420060000	7998	ANN ARBOR WY	1.0	33' NSLL - 7' WWC of Ann Arbor in Box	30 NSLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1623	5301420070000	7896	ANN ARBOR WY	1.0	22 1/2' SNLL - 8' WWC of Ann Arbor		
1624	5301420080000	7894	ANN ARBOR WY	1.0	17' SNLL, 6' WWC in box		
1625	5301420090000	7892	ANN ARBOR WY	1.0	42' SNLL, 76' WWC, 47' NSLL		
1626	5301420100000	7890	ANN ARBOR WY		47' EWLL - 8' SSC		
1627	5301420110000	7880	ANN ARBOR WY	1.0	22' EWLL - 8' SSC of 7880 Ann Arbor in c/s box		
1628	5301420120000	7878	ANN ARBOR WY	1.0	31' WELL - back of Sidewalk	31 WELL	
1629	5301420130000	7876	ANN ARBOR WY	1.0	24 1/2' EWLL, 41' WELL - back of Sidewalk, 7 1/2' SSC @ Ann Arbor under Driveway	41 WELL	
1630	5301420140000	7897	ALBION WY				
1631	5301420150000	7899	ALBION WY	1.0	38' NSLL, 2' EEC in S/P	38 NSLL	
1632	5301420160000	7903	ALBION WY	1.0	51' SNLL back of walk	51 SNLL	
1633	5301420170000	7905	ALBION WY	1.0	13' EWLL back of walk	13 EWLL	
1634	5301420180000	7907	ALBION WY	1.0	21' SNLL - 7' EEC of Albion in box		
1635	5301420190000	7909	ALBION WY	1.0	12' EWLL, 2' SSC in box		
1636	5301420200000	7911	ALBION WY	1.0	56' NSLL, 8' EEC in box	56 NSLL	
1637	5301420210000	7917	ALBION WY	1.0	31' NSLL, Back of Walk	31 NSLL	
1638	5301420220000	7919	ALBION WY	1.0	26' NSLL, back of Sidewalk	26 NSLL	
1639	5301420230000	7921	ALBION WY	1.0	26' NSLL, Back of Walk	26 NSLL, 15 WEC	
1640	5301420240000	7923	ALBION WY	1.0	25' NSLL, 7' EEC		
1641	5301420250000	7925	ALBION WY	1.0	1) 26' NSLL - 8' EEC in box of address (6/5/06)		
1642	5301420260000	7927	ALBION WY	1.0	2) 27' NSLL, back of Sidewalk, 36' SNLL	27 NSLL	
1643	5301430010000	7896	ALBION WY	1.0	32' NSLL, 34' SNLL, 9' EEC of Albion in c/s box	22 NSLL	
1644	5301430020000	7898	ALBION WY	1.0	59' EWLL, back of sidewalk	59 EWLL	
1645	5301430030000	7900	ALBION WY	1.0	32' NSLL, back of sidewalk	32 NSLL	
1646	5301430040000	7902	ALBION WY	1.0	37' NSLL, 26' SNLL, 6 1/2' WWC or back of walk		
1647	5301430050000	7908	ALBION WY	1.0	31' NSLL, 8' WWC of Albion in Standpipe	37 NSLL	
1648	5301430060000	7912	ALBION WY	1.0	35' NSLL, back of walk	31 NSLL	
1649	5301430070000	7914	ALBION WY	1.0	30' NSLL, 35' SNLL, 5' WWC	35 NSLL	
1650	5301430080000	7916	ALBION WY	1.0	30' NSLL, back of sidewalk	30 NSLL	
1651	5301430090000	7918	ALBION WY	1.0	30' NSLL back of walk, 34' SNLL - 8' WWC in S/P	30 NSLL	
1652	5301430100000	7920	ALBION WY	1.0	31' SNLL, Back of Walk	31 SNLL	
1653	5301430110000	7922	ALBION WY	1.0	1) 23' NSLL, 8' WWC in s/p (08/23/05)		
1654	5301430120000	7924	ALBION WY	1.0	2) 24' NSLL, 8' WWC of 7920 Albion Way (08/17/05)		
					3) 25' NSLL, Back of Walk	25 NSLL	
					31' NSLL, 30' SNLL, 9' WWC of Albion Wy in c/s box	30 NSLL, 15 EWC	
					33' NSLL, back of Sidewalk	33 NSLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1655	5301430130000	7926	ALBION WY	1.0	27' SNLL - 9' WWC	31 NSLL	
1656	5301430140000	7928	ALBION WY	1.0	28' NSLL - back of Sidewalk	28 NSLL	
1657	5301430150000	7945	DETROIT BL	1.0	25' SNLL - Back of Sidewalk	25 SNLL	
1658	5301430160000	7941	DETROIT BL	1.0	25' SNLL, 9' EEC of Detroit Bl in standpipe		
1659	5301430170000	7937	DETROIT BL	1.0	25' SNLL - 8' EEC of Detroit in box		
1660	5301430180000	7933	DETROIT BL	1.0	32' NSLL - Back of Sidewalk	32 NSLL	
1661	5301430190000	7929	DETROIT BL	1.0	34' NSLL - Back of Sidewalk	34 NSLL	
1662	5301430200000	7925	DETROIT BL	1.0	39' NSLL - Back of Sidewalk	39 NSLL	
1663	5301430210000	7921	DETROIT BL	1.0	39' NSLL - Back of Sidewalk	39 NSLL	
1664	5301430220000	7917	DETROIT BL	1.0	36' NSLL - 9' EEC of Detroit Blvd		
1665	5301430230000	7911	DETROIT BL	1.0	38' NSLL - Back of Sidewalk. 9' EEC	38 NSLL	
1666	5301430240000	7901	DETROIT BL	1.0	28' SNLL - 38' NSLL - 10' EEC of Detroit in S/P		
1667	5301430250000	7897	DETROIT BL	1.0	31' SNLL - 10' EEC of Detroit		
1668	5301430260000	7893	DETROIT BL				
1669	5301430270000	7889	DETROIT BL				
1670	5301430280000	7885	DETROIT BL				
1671	5301430290000	7881	DETROIT BL	1.0	31' NSLL - Back of Sidewalk	31 NSLL	
1672	5301430300000	7877	DETROIT BL	1.0	33' NSLL - Back of Sidewalk	33 NSLL	
1673	5301430310000	7873	DETROIT BL	1.0	28' SNLL - 8' EEC of Detroit in S/P		
1674	5301430320000	7869	DETROIT BL	1.0	35' NSLL - 6' EEC of Detroit		
1675	5301510010000	7860	BURLINGTON WY	1.0	45' WWC of Detroit Blvd - 6' NNC of Burlington Standpipe		
1676	5301510020000	7864	BURLINGTON WY	1.0	33' WELL - Back of Sidewalk	33 WELL	
1677	5301510030000	7868	BURLINGTON WY	1.0	35' WELL - Back of Sidewalk	35 WELL	
1678	5301510040000	7872	BURLINGTON WY	1.0	26' EWLL 35' WELL 6 1/2' NNC in Standpipe		
1679	5301510050000	7876	BURLINGTON WY	1.0	26' EWLL - 34' WELL - 5 1/2' NNC of Burlington		
1680	5301510060000	7880	BURLINGTON WY	1.0	34' WELL - Back of Sidewalk	34 WELL	
1681	5301510070000	7884	BURLINGTON WY	1.0	27' EWLL, 6' Behind Sidewalk in Standpipe		
1682	5301510080000	7888	BURLINGTON WY	1.0	32' WELL - 6' NNC of Burlington		
1683	5301510090000	7892	BURLINGTON WY	1.0	1) 15' EWLL, 5' NNC in box (10/29/05)		
1684	5301510100000	7896	BURLINGTON WY	1.0	2) 15' EWLL, 3' NNC of Burlington		
1685	5301510110000	7900	BURLINGTON WY	1.0	16' NSLL - 1' WELL		
1686	5301510120000	7904	BURLINGTON WY	1.0	20' SNLL - 5' WWC of Burlington		
1687	5301510130000	7908	BURLINGTON WY	1.0	26' SNLL - 1' WWPL of Burlington Way		
1688	5301510140000	7912	BURLINGTON WY	1.0	37' NSLL - 6' WWC of Burlington		
1689	5301510150000	7916	BURLINGTON WY	1.0	20' SNLL - 7' WWC of Burlington 35' NSLL, 1 1/2' behind Sidewalk		
1690	5301510160000	7920	BURLINGTON WY	1.0	35' NSLL - 6' WWC of Burlington		
1691	5301510170000	7924	BURLINGTON WY	1.0	35' NSLL, 25' SNLL - 6' WWC in S/P	35 NSLL, 24 SNLL	
1692	5301510180000	7928	BURLINGTON WY	1.0	6' NNC, 28' WELL in box		
					29' SNLL - 7' WWC of Burlington in S/P		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1693	5301510190000	7932	BURLINGTON WY	1.0	40' NSLL - 7' WWC of Burlington		
1694	5301510200000	7936	BURLINGTON WY	1.0	31' NSLL - 6' WWC of Burlington Way		
1695	5301510210000	7940	BURLINGTON WY	1.0	24' SNLL - Back of Sidewalk	24 SNLL	
1696	5301520010000	7891	BURLINGTON WY	1.0	33' WELL, 6' SSC of Burlington in S/P	34 WELL	
		7887			1) 31' EWPL, 6' SNC (10/21/05) 2) 34' WELL, 27' EWLL, 6' SSC of Burlington (10/21/05)		
1697	5301520020000		BURLINGTON WY	1.0	3) 30' EWLL, 7' SSC		
1698	5301520030000	7881	BURLINGTON WY	1.0	Same - 5' SSC Back of Walk	34 WELL - 27 EWLL	
1699	5301520040000	7877	BURLINGTON WY	1.0	28' 6" EWLL - 6' SSC of Burlington		
1700	5301520050000	7873	BURLINGTON WY	1.0	35' WELL - Back of Sidewalk	35 WELL	
1701	5301520060000	7869	BURLINGTON WY	1.0	28' EWLL - 6' SSC of Burlington		
1702	5301520070000	7863	BURLINGTON WY	1.0	27' 6" 7' SSC of Burlington Way	35 WELL	
1703	5301520080000	7859	BURLINGTON WY	1.0	36' EWLL - 6' SSC		
1704	5301520090000	7860	CEDAR SPRINGS WY	1.0	34' EWLL - 6' NNC of Cedar Springs Way in S/P		
1705	5301520100000	7864	CEDAR SPRINGS WY	1.0	33' WELL, 6' NNC in S/P	31 EWLL	
1706	5301520110000	7868	CEDAR SPRINGS WY	1.0	25' EWLL - 6' NNC of Cedar Springs Way		
1707	5301520120000	7872	CEDAR SPRINGS WY	1.0	31' EWLL - 7' NNC of Cedar Springs		
1708	5301520130000	7876	CEDAR SPRINGS WY	1.0	31' EWLL, 5' NNC in S/P		
1709	5301520140000	7880	CEDAR SPRINGS WY	1.0	40' WELL - 7' NNC		
1710	5301520150000	7884	CEDAR SPRINGS WY	1.0	33' WELL - 7' NNC of Cedar Springs Way		
1711	5301520160000	7888	CEDAR SPRINGS WY	1.0	14' WELL, 5' NNC in C/S Box		
1712	5301530010000	7893	CEDAR SPRINGS WY	1.0	32' WELL - Back of Sidewalk	32 WELL	
1713	5301530020000	7889	CEDAR SPRINGS WY	1.0	26' EWLL - 6' SSC of Cedar Springs		
		7885			32' WELL - 30' EWLL - 6' SSC of Cedar Springs		
1714	5301530030000		CEDAR SPRINGS WY	1.0			
1715	5301530040000	7881	CEDAR SPRINGS WY	1.0	41' WELL - Back of Sidewalk	41 WELL	
1716	5301530050000	7877	CEDAR SPRINGS WY	1.0	40' WELL - Back of Sidewalk	40 WELL	
1717	5301530060000	7873	CEDAR SPRINGS WY	1.0	38' WELL - Back of Sidewalk	38 WELL	
1718	5301530070000	7869	CEDAR SPRINGS WY	1.0	33' WELL - 5' NNC of Cedar Springs	31 WELL - 15 SNC of Cedar Springs	
1719	5301530080000	7865	CEDAR SPRINGS WY	1.0	30' WELL, 30' EWPL, 5' SSC	36 WELL	
1720	5301530090000	7861	CEDAR SPRINGS WY	1.0	23' EWLL - 6' SSC of Cedar Springs		
1721	5301530100000	7860	DEERHAVEN WY	1.0	31' EWLL - 7' NNC of Deerhaven in box	31 EWLL	
1722	5301530110000	7864	DEERHAVEN WY	1.0	31' EWLL - 29' WELL - 6' NNC of Deerhaven		
1723	5301530120000	7868	DEERHAVEN WY	1.0	27' WELL - 7' NNC of Deerhaven		
1724	5301530130000	7872	DEERHAVEN WY	1.0	30' WELL, 6' NNC, 2' behind walk in S/P		
1725	5301530140000	7876	DEERHAVEN WY	1.0	29' WELL, 33' EWLL, 6' NNC	15 SNC, 29 WELL	
		7880			1) 32' EWLL - 7' NNC in box of address (8/22/06) 2) 27' EWLL - 6' NNC of Deerhaven in Standpipe		
1726	5301530150000		DEERHAVEN WY	1.0			
1727	5301530160000	7884	DEERHAVEN WY	1.0	28' EWLL, 7' NNC	29 EWLL, 16 SNC	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1728	5301530170000	7888	DEERHAVEN WY	1.0	31' EWLL - 6' NNC of Deerhaven 34' WELL in box		
1729	5301530180000	7892	DEERHAVEN WY	1.0	38' WELL - Back of Sidewalk	38 WELL	
1730	5301530190000	7896	DEERHAVEN WY	1.0	55' WELL - Back of Sidewalk	55 WELL	
1731	5301540010000	7899	DEERHAVEN WY	1.0	41' WELL - 7' SSC of Deerhaven		
1732	5301540020000	7893	DEERHAVEN WY	1.0	24' EWLL - 7' SSC of Deerhaven		
1733	5301540030000	7889	DEERHAVEN WY	1.0	40 WELL - 1' SSPL of Lot		
1734	5301540040000	7885	DEERHAVEN WY	1.0	26' EWLL - 2' SNPL of Lot		
1735	5301540050000	7881	DEERHAVEN WY	1.0	42' WELL - 3' Behind Sidewalk		
1736	5301540060000	7877	DEERHAVEN WY	1.0	34 1/2' WELL - 6 1/2' SSC of Deerhaven	36 EWLL - 6 SNC	
1737	5301540070000	7873	DEERHAVEN WY	1.0	26' EWLL - 6' SSC of Deerhaven in Standpipe		
1738	5301540080000	7869	DEERHAVEN WY	1.0	18 1/2' EWLL - 2' Back of Sidewalk		
1739	5301540090000	7865	DEERHAVEN WY	1.0	22' EWLL - 2' SSPL of Deerhaven		
1740	5301540100000	7861	DEERHAVEN WY	1.0	59' WWC of Detroit Blvd - 6' SSC of Deerhaven Way		
1741	1190070020000	0	MACK RD				Comment: City of Sacramento Sump 128
1742	11902000120000	7607	MEADOWSTONE DR	1.0	16' SNLL - Back of Walk		
1743	11902000130000	7613	MEADOWSTONE DR	1.0	10' SNLL - 7' EEC of Meadowstone		
1744	11902000140000	7619	MEADOWSTONE DR	1.0	177' SSC of Brookfield - 7' EEC of Meadowstone		
1745	11902000150000	7625	MEADOWSTONE DR				
1746	11902000160000	7631	MEADOWSTONE DR	1.0	16' SNLL - Back of Walk		
1747	11902000170000	7637	MEADOWSTONE DR	1.0	16 1/2' SNLL - Back of Walk		
1748	11902000180000	7643	MEADOWSTONE DR	1.0	14' SNLL - Back of Walk		
1749	11902000190000	7649	MEADOWSTONE DR	1.0	21' SNLL - 9' EEC of Meadowstone		
1750	11902000200000	7655	MEADOWSTONE DR	1.0	23' SNLL - 8' EEC of Meadowstone		
1751	11902000210000	7661	MEADOWSTONE DR	1.0	23' SNLL - Back of Walk		
1752	11902000220000	7667	MEADOWSTONE DR	1.0	16 1/2' SNLL - Back of Walk		
1753	11902000230000	7673	MEADOWSTONE DR	1.0	34 1/2' SNLL - Back of Walk		
1754	11902000240000	7679	MEADOWSTONE DR	1.0	27' SNLL - Back of Walk		
1755	11902000250000	4101	SUNMEADOW DR	1.0	26' WELL - Back of Walk		
1756	11902000260000	4107	SUNMEADOW DR	1.0	17' EWLL - Back of Walk		
1757	11902000270000	4113	SUNMEADOW DR	1.0	17' EWLL - Back of Walk		
1758	11902000280000	1	SUNMEADOW CT	1.0	11 1/2' SNLL - Back of walk		
1759	11902000290000	5	SUNMEADOW CT	1.0	25' NSLL - Back of Walk		
1760	11902000300000	9	SUNMEADOW CT	1.0	15' NSLL - Back of Walk		
1761	11902000310000	15	SUNMEADOW CT	1.0	15' NSLL - Back of Walk		
1762	11902000320000	14	SUNMEADOW CT	1.0	8' EWLL - Back of Walk		
1763	11902000330000	10	SUNMEADOW CT	1.0	8' SNLL - Back of Walk		
1764	11902000340000	6	SUNMEADOW CT	1.0	14 1/2' SNLL - Back of Walk		
1765	11902000350000	2	SUNMEADOW CT	1.0	22' SNLL - Back of Walk		
1766	11902000360000	4137	SUNMEADOW DR	1.0	18' EWLL - Back of Walk		
1767	11902000370000	4143	SUNMEADOW DR	1.0	23' EWLL - Back of Walk		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1768	11902000380000	1	FEN CT	1.0	20' EWLL - Back of Walk		
1769	11902000390000	5	FEN CT	1.0	24' EWLL - 3' Behind Sidewalk		
1770	11902000400000	9	FEN CT	1.0	23 1/2' WELL - Back of Walk		
1771	11902000410000	15	FEN CT	1.0	26' WELL - Back of Walk		
1772	11902000420000	19	FEN CT	1.0	30' WELL - Back of Walk		
1773	11902000430000	23	FEN CT	1.0	12 1/2' WELL - Back of Walk		
1774	11902000440000	27	FEN CT	1.0	14' NSLL - Back of Walk		
1775	11902000450000	31	FEN CT	1.0	20' NSLL - Back of Walk		
1776	11902000460000	26	FEN CT	1.0	16 1/2' NSLL - Back of Walk		
1777	11902000470000	22	FEN CT	1.0	11.5' EWLL - Back of Walk		
1778	11902000480000	18	FEN CT	1.0	24' EWLL - Back of Walk		
1779	11902000490000	14	FEN CT	1.0	22 1/2' EWLL - Back of Walk		
1780	11902000500000	10	FEN CT	1.0	20 1/2' EWLL - Back of Walk		
1781	11902000510000	6	FEN CT	1.0	22' EWLL - Back of Walk		
1782	11902000520000	2	FEN CT	1.0	6.5' NNC of Fen - 40' WWC of Valley View		
1783	11902000530000	1	HEDGEROW CT	1.0	16' WELL - Back of Walk		
1784	11902000540000	5	HEDGEROW CT	1.0	30' WELL - Back of Walk		
1785	11902000550000	9	HEDGEROW CT	1.0	34' WELL - Back of Walk		
1786	11902000560000	15	HEDGEROW CT	1.0	25' EWLL - 8 1/2' SSC of Hedgerow Court		
1787	11902000570000	19	HEDGEROW CT	1.0	33' WELL - Back of Walk		
1788	11902000580000	23	HEDGEROW CT	1.0	22' WELL, 6' SSC		
1789	11902000590000	27	HEDGEROW CT	1.0	26' WELL - Back of Walk		
1790	11902000600000	31	HEDGEROW CT	1.0	16' NSLL - Back of Walk		
1791	11902000610000	30	HEDGEROW CT	1.0	19' NSLL - Back of Walk		
1792	11902000620000	26	HEDGEROW CT	1.0	18 1/2' EWLL - Back of Walk		
1793	11902000630000	22	HEDGEROW CT	1.0	20' EWLL - Back of walk		
1794	11902000640000	18	HEDGEROW CT	1.0	27' EWLL - Back of Walk		
1795	11902000650000	14	HEDGEROW CT	1.0	22 1/2' EWLL - Back of Walk		
1796	11902000660000	10	HEDGEROW CT	1.0	24 1/2' EWLL - Back of Walk		
1797	11902000670000	6	HEDGEROW CT	1.0	23 1/2' EWLL - Back of Walk		
1798	11902000680000	2	HEDGEROW CT	1.0	24' EWLL - Back of Walk		
1799	11902000690000	239	CEDAR ROCK CR	1.0	18' EWLL - Back of Walk		
1800	11902000700000	240	CEDAR ROCK CR				
1801	11902000710000	1	MEADOWSTONE CT	1.0	32 1/2' EWLL - Back of Walk		
1802	11902000720000	5	MEADOWSTONE CT	1.0	15 1/2' EWLL - Back of Walk		
1803	11902000730000	9	MEADOWSTONE CT	1.0	7' SSC - 5' EWLL Standpipe in con.driveway		
1804	11902000740000	15	MEADOWSTONE CT	1.0	15 1/2' SNLL - Back of Walk		
1805	11902000750000	10	MEADOWSTONE CT	1.0	1) 1' WWC - 7' SNLL in meterbox (2/1/07) 2) 9' SNLL, 6'-7' WWC o/address (1/15/07) 3) 20 1/2' NSLL - Back of Walk	38 EWC - 32 SNC (2/1/07)	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1806	11902000760000	6	MEADOWSTONE CT	1.0	1) 7' NNC, 5' EWLL in meter box (02/01/07) 2) 7' EWLL - 15' WELL - 7' NNC of Meadowstone Court	32 SNC, 39 EWC	
1807	11902000770000	2	MEADOWSTONE CT				
1808	11902000780000	100	CEDAR ROCK CR	1.0	22' EWLL - Back of Walk		
1809	11902000790000	101	CEDAR ROCK CR	1.0	30' EWLL - Back of Walk		
1810	11902000800000	7601	MEADOWSTONE DR	1.0	32 1/2' NSLL - Back of Walk		
1811	11902000810000	234	CEDAR ROCK CR	1.0	19' WELL, 6' NNC in S/P	19.6 WELL	
1812	11902000820000	228	CEDAR ROCK CR	1.0	Same & Back of Walk	19.5 WELL	
1813	11902000830000	222	CEDAR ROCK CR	1.0	44' EWLL, 2 1/2' Back of Sidewalk	20 WELL	
1814	11902000840000	180	CEDAR ROCK CR	1.0	Same & Back of Walk	40.5 SNLL	
1815	11902000850000	174	CEDAR ROCK CR	1.0	Same & Back of Walk	15 NSLL	
1816	11902000860000	168	CEDAR ROCK CR	1.0	Same & Back of Walk	14.5 NSLL	
1817	11902000870000	162	CEDAR ROCK CR	1.0	Same & 7' EEC	14.9 NSLL	
1818	11902000880000	156	CEDAR ROCK CR	1.0	Same & Back of Walk	14.4 NSLL	
1819	11902000890000	150	CEDAR ROCK CR	1.0	Same & Back of Walk	15.7 NSLL	
1820	11902000900000	144	CEDAR ROCK CR	1.0	Same & Back of Walk	14.6 NSLL	
1821	11902000910000	118	CEDAR ROCK CR	1.0	Same & Back of Walk	14.4 WELL	
1822	11902000920000	112	CEDAR ROCK CR	1.0	Same & Back of Walk	32.3 WELL	
1823	11902000930000	106	CEDAR ROCK CR	1.0	Same & Back of Walk	16.5 WELL	
1824	11902000940000	107	CEDAR ROCK CR	1.0	16' WELL, 6' NNC of Cedar Rock in S/P	15.5 WELL	
1825	11902000950000	113	CEDAR ROCK CR	1.0	1) 15' EWLL, 7' NNC in SP (9/10/05)	14.6 WELL	
1826	11902000960000	119	CEDAR ROCK CR	1.0	2) Same & Back of Walk 15' WELL, 46' EWLL, 7' NNC in box	16.5 WELL	
1827	11902000970000	131	CEDAR ROCK CR	1.0	9' NSLL - 30' SNLL - 6' WWC of Cedar Rock Circle in C/S box,	30.3 SNLL	
1828	11902000980000	137	CEDAR ROCK CR	1.0	Same & Back of Walk	14.7 NSLL	
1829	11902000990000	143	CEDAR ROCK CR				
1830	11902001000000	149	CEDAR ROCK CR	1.0	1) 15' NSLL, 6' WWC (07/26/07)	14.6 NSLL	
1831	11902001010000	155	CEDAR ROCK CR	1.0	2) 15' NSLL, 6' WWC in s/p (4/12/06) 3) Same & Back of Walk	15.4 NSLL	
1832	11902001020000	161	CEDAR ROCK CR	1.0	Same & Back of Walk	14.8 NSLL	
1833	11902001030000	167	CEDAR ROCK CR	1.0	15' NSLL - 6' WWC in c/s box in driveway	14.8 NSLL	
1834	11902001040000	173	CEDAR ROCK CR	1.0	Same & Back of Walk	15.1 NSLL	
1835	11902001050000	179	CEDAR ROCK CR	1.0	14' NSLL of 179 Cedar Rock, 5' EEC of Cedar Rock Circle	14 NSLL	
1836	11902001060000	185	CEDAR ROCK CR	1.0	Same as & Back of Walk	32.5 SNLL	
1837	11902001070000	191	CEDAR ROCK CR	1.0	26' SNLL, 2' WWC of Cedar Rock Circle		
1838	11902001080000	197	CEDAR ROCK CR	1.0	Same & Back of Walk	11.6 WELL	
1839	11902001090000	203	CEDAR ROCK CR	1.0	30' SNLL, 21' NSLI, 7' EEC in S/P	11.5 WELL	
1840	11902001100000	209	CEDAR ROCK CR	1.0	15' WELL 6' SSC	15 WELL	
1841	11902001110000	215	CEDAR ROCK CR	1.0	Same & Back of Walk	7.6 WELL, 7 WELL - 7 SSC of Cedar Rock	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1842	11902001120000	221	CEDAR ROCK CR	1.0	30' EWLL, 7' SSC, 14.9' WELL		
1843	11902001130000	227	CEDAR ROCK CR	1.0	Same & Back of Walk	15.1 WELL	
1844	11902001140000	233	CEDAR ROCK CR	1.0	Same & Back of Walk	17.6 WELL	
1845	11902200600000	0	BROOKFIELD DR			Comment: City of Sacramento Sump 115	
1846	11902410010000	7955	DEER CREEK DR	1.0	Same & Back of Walk	12 SNLL	
1847	11902410020000	7951	DEER CREEK DR	1.0	Same & Back of Walk	18 SNLL	
1848	11902410030000	7947	DEER CREEK DR	1.0	Same & Back of Walk	10 SNLL	
1849	11902410040000	7943	DEER CREEK DR	1.0	Same & Back of Walk	16 WELL	
1850	11902410050000	7939	DEER CREEK DR	1.0	Same & Back of Walk	30 EWLL	
1851	11902410060000	7935	DEER CREEK DR	1.0	25' EWLL - 7' NNC of Deer Creek		
1852	11902410070000	7931	DEER CREEK DR	1.0	Same & Back of Walk	24 EWLL	
1853	11902410080000	7927	DEER CREEK DR	1.0	Same & Back of Walk	24 EWLL	
1854	11902410090000	7923	DEER CREEK DR	1.0	1) 31' ewll - 5' nnc in box (8/29/07) 2) 25' EWLL 8' NNC of back of walk s/p	same	
1855	11902410100000	7919	DEER CREEK DR	1.0	Same & Back of Walk	24 EWLL	
1856	11902410110000	7915	DEER CREEK DR	1.0	Same & Back of Walk	24 EWLL	
1857	11902410120000	7911	DEER CREEK DR	1.0	Same & Back of Walk	26 WELL	
1858	11902410130000	7881	WHITE TAIL WY	1.0	Same & Back of Walk	34 SNLL	
1859	11902410140000	7875	WHITE TAIL WY	1.0	42' SSC, 6' EEC		
1860	11902410150000	7859	WHITE TAIL WY	1.0	Same & Back of Walk	25.1 EWLL	
1861	11902410160000	7855	WHITE TAIL WY	1.0	Same & Back of Walk	24.2 EWLL	
1862	11902410170000	7851	WHITE TAIL WY	1.0	Same & Back of Walk	22.3 EWLL	
1863	11902410180000	7847	WHITE TAIL WY	1.0	Same & Back of Walk	31 EWLL	
1864	11902410190000	7843	WHITE TAIL WY	1.0	Same & Back of Walk	31.5 EWLL	
1865	11902410200000	7839	WHITE TAIL WY	1.0	Same & Back of Walk	16 WELL	
1866	11902410210000	7835	WHITE TAIL WY	1.0	Same & Back of Walk	12 SNLL	
1867	11902410220000	7831	WHITE TAIL WY	1.0	Same & Back of Walk	18 SNLL	
1868	11902410230000	7827	WHITE TAIL WY	1.0	Same & Back of Walk	24 SNLL	
1869	11902410240000	7823	WHITE TAIL WY				
1870	11902410250000	7819	WHITE TAIL WY	1.0	Same & Back of Walk	24 SNLL	
1871	11902410260000	7815	WHITE TAIL WY	1.0	Same & Back of Walk	21 NSLL	
1872	11902410270000	7811	WHITE TAIL WY	1.0	Same & Back of Walk	26 NSLL	
1873	11902410280000	7807	WHITE TAIL WY	1.0	Same & Back of Walk	30 NSLL	
1874	11902410290000	7802	WHITE TAIL WY	1.0	Same & Back of Walk	18 NSLL	
1875	11902410300000	7806	WHITE TAIL WY	1.0	Same & Back of Walk	28 NSLL	
1876	11902410310000	7810	WHITE TAIL WY	1.0	Same & Back of Walk	30 SNLL	
1877	11902410320000	2	DEER CT	1.0	36' SNLL, 9' EEC	20 SNLL	
1878	11902410330000	6	DEER CT	1.0	Same & Back of Walk	20 SNLL	
1879	11902410340000	10	DEER CT	1.0	Same & Back of Walk	22 NSLL	
1880	11902410350000	14	DEER CT	1.0	Same & Back of Walk	19 NSLL	
1881	11902410360000	19	DEER CT	1.0	Same & Back of Walk	26 NSLL	
1882	11902410370000	15	DEER CT	1.0	Same & Back of Walk	23 SNLL	
1883	11902410380000	9	DEER CT	1.0	Same & Back of Walk	24 NSLL	
1884	11902410390000	5	DEER CT	1.0	10' WWC, 28' NSLL in box	22 SNLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1885	11902410400000	1	DEER CT	1.0	26' EWLL - 7' SSC of Deer Court		
1886	11902410410000	4325	FALLOW DR	1.0	Same & Back of Walk	29 EWLL	
1887	11902410420000	7817	DEER CREEK DR	1.0	Same & Back of Walk	28 SNLL	
1888	11902410430000	7813	DEER CREEK DR	1.0	Same & Back of Walk	24 SNLL	
1889	11902410440000	7809	DEER CREEK DR	1.0	Same & Back of Walk	32 SNLL	
1890	11902410450000	7805	DEER CREEK DR		24' SNLL Behind Walk		
1891	11902410460000	7801	DEER CREEK DR	1.0	Same & Back of Walk	39 NSLL	
1892	11902420010000	7840	WHITE TAIL WY	1.0	Same & Back of Walk	31 EWLL	
1893	11902420020000	7844	WHITE TAIL WY	1.0	Same & Back of Walk	26 EWLL	
1894	11902420030000	7848	WHITE TAIL WY	1.0	Same & Back of Walk	21 EWLL	
1895	11902420040000	7852	WHITE TAIL WY	1.0	10' NNC, 38' WELL		
1896	11902420050000	7856	WHITE TAIL WY	1.0	Same & Back of Walk	24 EWLL	
1897	11902420060000	7860	WHITE TAIL WY	1.0	31' EWLL, 37' WELL, 9' NNC of White Tail WY in S/P		
1898	11902420070000	7864	WHITE TAIL WY	1.0	Same & Back of Walk	22 WELL	
1899	11902420080000	7868	WHITE TAIL WY	1.0	Same & Back of Walk	21 WELL	
1900	11902420090000	7872	WHITE TAIL WY	1.0	Same & Back of Walk	16 WELL	
1901	11902420100000	7876	WHITE TAIL WY	1.0	Same & Back of Walk	10 SNLL	
1902	11902420110000	7880	WHITE TAIL WY	1.0	Same & Back of Walk 5' WWC	24 SNLL	
1903	11902420120000	7884	WHITE TAIL WY	1.0	Same & Back of Walk	30 SNLL	
1904	11902420130000	7888	WHITE TAIL WY	1.0	Same & Back of Walk	26 SNLL	
1905	11902420140000	7892	WHITE TAIL WY				
1906	11902420150000	7895	DEER CREEK DR	1.0	Same & Back of Walk	22 EWLL	
1907	11902420160000	7891	DEER CREEK DR	1.0	41' EWLL, 4' Back of Sidewalk in S/P		
1908	11902420170000	7863	DEER CREEK DR	1.0	21' SNLL, 6' EEC in Standpipe 28' NSLL in box		
1909	11902420180000	7859	DEER CREEK DR	1.0	Same & Back of Walk	28 SNLL	
1910	11902420190000	7855	DEER CREEK DR	1.0	Same & Back of Walk	26 SNLL - 17 WEC	
1911	11902420200000	7851	DEER CREEK DR	1.0	24' SNLL, Back of sidewalk	24 SNLL	
1912	11902420210000	7847	DEER CREEK DR	1.0	Same & Back of Walk	24 SNLL	
1913	11902420220000	7843	DEER CREEK DR	1.0	Same & Back of Walk	28 SNLL	
1914	11902420230000	7839	DEER CREEK DR	1.0	Same & Back of Walk	24 SNLL	
1915	11902420240000	7835	DEER CREEK DR	1.0	Same & Back of Walk	32 NSLL	
1916	11902420250000	4300	FALLOW DR	1.0	Same & Back of Walk	28 WELL	
1917	11902420260000	4310	FALLOW DR	1.0	24' EWLL & Back of Walk	24 EWLL	
1918	11902420270000	4320	FALLOW DR	1.0	Same & Back of Walk	24 EWLL	
1919	11902420280000	4330	FALLOW DR	1.0	Same & Back of Walk	24 EWLL	
1920	11902420290000	4340	FALLOW DR	1.0	Same & Back of Walk	29 EWLL	
1921	11902420300000	4350	FALLOW DR	1.0	Same & Back of Walk	21 EWLL	
1922	11902420310000	4360	FALLOW DR	1.0	Same & Back of Walk	12 EWLL	
1923	11902420320000	4370	FALLOW DR	1.0	Same & Back of Walk	20 EWLL	
1924	11902420330000	4380	FALLOW DR	1.0	Same & Back of Walk	21 EWLL	
1925	11902420340000	4390	FALLOW DR	1.0	Same & Back of Walk	38 EWLL	
1926	11902430010000	7940	DEER CREEK DR	1.0	Same & Back of Walk	28 EWLL	
1927	11902430020000	7936	DEER CREEK DR	1.0	Same & Back of Walk	24 EWLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1928	11902430030000	7932	DEER CREEK DR	1.0	Same & Back of Walk	24 EWLL	
1929	11902430040000	7928	DEER CREEK DR	1.0		16 NSC, 25 EWPL	
1930	11902430050000	7924	DEER CREEK DR	1.0	Same & Back of Walk	24 EWLL	
1931	11902430060000	7920	DEER CREEK DR	1.0	1) 34' WELL 7' SSC (1/17/07) 2) Same & Back of Walk	1) 15 NSC-35 WELL (1/17/07) 2) 24 EWLL	
1932	11902430070000	7916	DEER CREEK DR	1.0	Same & Back of Walk	24 EWLL	
1933	11902430080000	7912	DEER CREEK DR	1.0	Same & Back of Walk	24 EWLL	
1934	11902430090000	7908	DEER CREEK DR	1.0	10' SSC of Deer Creek 33' WELL	24 EWLL	
1935	11902430100000	7904	DEER CREEK DR	1.0	Same & Back of Walk	24 EWLL	
1936	11902430110000	7900	DEER CREEK DR	1.0	Same & Back of Walk	24 EWLL	
1937	11902430120000	7896	DEER CREEK DR	1.0	Same & Back of Walk	26 EWLL	
1938	11902430130000	7892	DEER CREEK DR	1.0	Same & Back of Walk	15 WELL	
1939	11902430140000	7888	DEER CREEK DR	1.0	Same & Back of Walk	10 EWLL	
1940	11902430150000	7884	DEER CREEK DR	1.0	Same & Back of Walk	52 NSLL	
1941	11902430160000	4280	DEER HILL DR				
1942	11902500100000	7800	DEER CREEK DR	1.0	Same & Back of Walk	34 NSLL	
1943	11902500200000	7804	DEER CREEK DR	1.0	Same & Back of Walk	24 SNLL	
1944	11902500300000	7808	DEER CREEK DR	1.0	Same & Back of Walk	21 SNLL	
1945	11902500400000	2	DOE CT	1.0	Same & Back of Walk	21 SNLL	
1946	11902500500000	6	DOE CT	1.0	Same & Back of Walk	30 NSLL	
1947	11902500600000	10	DOE CT	1.0	Same & Back of Walk	17 NSLL	
1948	11902500700000	9	DOE CT	1.0	Same & Back of Walk	24 NSLL	
1949	11902500800000	5	DOE CT	1.0	Same & Back of Walk	26 NSLL	
1950	11902500900000	1	DOE CT	1.0	Same & Back of Walk	18 SNLL	
1951	11902501000000	2	SPIKE CT	1.0	Same & Back of Walk	24 SNLL	
1952	11902501100000	6	SPIKE CT	1.0	Same & Back of Walk	26 NSLL	
1953	11902501200000	10	SPIKE CT	1.0	Same & Back of Walk	24 NSLL	
1954	11902501300000	9	SPIKE CT				
1955	11902501400000	5	SPIKE CT	1.0	Same & Back of Walk	34 NSLL	
1956	11902501500000	1	SPIKE CT	1.0	Same & Back of Walk	26 SNLL	
1957	11902501600000	4165	RED DEER WY				
1958	11902501700000	4155	RED DEER WY				
1959	11902501800000	7809	DEERGLLEN WY	1.0	Same & Back of Walk	21 SNLL	
1960	11902501900000	7801	DEERGLLEN WY	1.0	26' NSLL - 10' EEC of Driveway in Sewer box		
1961	11902502000000	7800	DEERGLLEN WY	1.0	Same & Back of Walk	21 NSLL	
1962	11902502100000	7804	DEERGLLEN WY	1.0	Same & Back of Walk	30 NSLL	
1963	11902502200000	7808	DEERGLLEN WY	1.0	Same & Back of Walk	24 SNLL	
1964	11902502300000	7812	DEERGLLEN WY	1.0	Same & Back of Walk	22 SNLL	
1965	11902502400000	7816	DEERGLLEN WY				
1966	11902502500000	7820	DEERGLLEN WY	1.0	Same & Back of Walk	26 SNLL	
1967	11902502600000	7824	DEERGLLEN WY	1.0	Same & Back of Walk	23 SNLL	
1968	11902502700000	7828	DEERGLLEN WY	1.0	Same & Back of Walk	23 SNLL	
1969	11902502800000	7832	DEERGLLEN WY	1.0	Same & Back of Walk	23 SNLL	
1970	11902502900000	7836	DEERGLLEN WY	1.0	Same & Back of Walk	23 SNLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
1971	11902500300000	7839	DEER MEADOW DR	1.0	Same & Back of Walk	32 EWLL	
1972	11902500310000	7835	DEER MEADOW DR	1.0	Same & Back of Walk	23 SNLL	
1973	11902500320000	7831	DEER MEADOW DR	1.0	30' NSLL - Back of Walk	30 NSLL - 16 WEC	
1974	11902500330000	7827	DEER MEADOW DR	1.0	Same & Back of Walk	23 SNLL	
1975	11902500340000	7823	DEER MEADOW DR	1.0	Same & Back of Walk	23 SNLL	
1976	11902500350000	7819	DEER MEADOW DR	1.0	Same & Back of Walk	24 SNLL	
1977	11902500360000	7815	DEER MEADOW DR	1.0	Same & Back of Walk	23 SNLL	
1978	11902500370000	7811	DEER MEADOW DR	1.0	Same & Back of Walk	26 SNLL	
1979	11902500380000	7807	DEER MEADOW DR	1.0	Same & Back of Walk	30 NSLL	
1980	11902500390000	7801	DEER MEADOW DR	1.0	Same & Back of Walk	85 NSLL	
1981	11902500400000	4095	DEER RUN WY				
1982	11902500410000	7810	DEER MEADOW DR	1.0	Same & Back of Walk	29 NSLL	
1983	11902500420000	7816	DEER MEADOW DR	1.0	Same & Back of Walk	24 SNLL	
1984	11902500430000	7822	DEER MEADOW DR	1.0	Same & Back of Walk	29 SNLL	
1985	11902500440000	4090	DEER TRAIL WY				
1986	11902500450000	4095	BLACK TAIL DR				
1987	11902500460000	4100	BLACK TAIL DR	1.0	Same & Back of Walk	24 EWLL	
1988	11902500470000	4110	BLACK TAIL DR	1.0	Same & Back of Walk	24 EWLL	
1989	11902500480000	4120	BLACK TAIL DR	1.0	Same & Back of Walk	24 EWLL	
1990	11902500490000	7840	DEER GLEN WY	1.0	Same & Back of Walk	35 NSLL	
1991	11902500500000	7841	DEER GLEN WY	1.0	Same & Back of Walk	24 SNLL	
1992	11902500510000	7837	DEER GLEN WY	1.0	Same & Back of Walk	24 SNLL	
1993	11902500520000	7833	DEER GLEN WY	1.0	Same & Back of Walk	24 SNLL	
1994	11902500530000	7829	DEER GLEN WY	1.0	Same & Back of Walk	24 SNLL	
1995	11902500540000	7825	DEER GLEN WY	1.0	Same & Back of Walk	24 SNLL	
1996	11902500550000	7821	DEER GLEN WY	1.0	Same & Back of Walk	26 NSLL	
1997	11902500560000	4170	RED DEER WY	1.0	Same & Back of Walk	24 EWLL	
1998	11902500570000	4180	RED DEER WY				
1999	11902500580000	4190	RED DEER WY	1.0	Same & Back of Walk	24 EWLL	
2000	11902500590000	4200	RED DEER WY	1.0	Same & Back of Walk	24 EWLL	
2001	11902500600000	4210	RED DEER WY	1.0	Same & Back of Walk	24 EWLL	
2002	11902500610000	4220	RED DEER WY	1.0	Same & Back of Walk	24 EWLL	
2003	11902500620000	4230	RED DEER WY				
2004	11902500630000	4240	RED DEER WY	1.0	Same & Back of Walk	23 EWLL	
2005	11902500640000	4250	RED DEER WY	1.0	Same & Back of Walk	24 EWLL	
2006	11902500650000	4260	RED DEER WY	1.0	Same & Back of Walk	24 EWLL	
2007	11902500660000	4270	RED DEER WY	1.0	Same & Back of Walk	24 EWLL	
2008	11902500670000	4280	RED DEER WY				
2009	11902600020000	83	HERMES CR	1.0	Same & Back of walk	20 EWLL	
2010	11902600030000	79	HERMES CR	1.0	Same & Back of Walk	22 EWLL	
2011	11902600040000	75	HERMES CR	1.0	Same & back of Walk	20 EWLL	
2012	11902600050000	71	HERMES CR	1.0	19'EWLL-8'NNC	19EWLL-15SNC	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
		67			1) 18' EWLL, 9' NNC in box (8/28/05) 2) 19' EWLL, 9' NNC in plastic box (8/27/05) 3) 39' WELL, 19' EWLL, 9' NNC of Hermes (08/09/05)		
2013	11902600060000		HERMES CR				
2014	11902600070000	63	HERMES CR	1.0	Same & Back of Walk	18 EWLL	
2015	11902600080000	59	HERMES CR	1.0	Same & Back of Walk	25.5 EWLL	
2016	11902600090000	55	HERMES CR	1.0	Same & Back of Walk	24.5 EWLL	
2017	11902600100000	51	HERMES CR	1.0	Same & Back of Walk	29 EWLL	
2018	11902600110000	47	MARATHON CT	1.0	Same & Back of Walk	27 EWLL	
2019	11902600120000	43	MARATHON CT	1.0	Same & Back of Walk	27 EWLL	
2020	11902600130000	39	MARATHON CT	1.0	Same & Back of Walk, 8' NNC	28 EWLL	
2021	11902600140000	35	MARATHON CT	1.0	Same & Back of Walk	23.5 EWLL	
2022	11902600150000	31	MARATHON CT	1.0	Same & Back of Walk	44 WELL	
2023	11902600160000	27	MARATHON CT	1.0	Same & Back of Walk	20 SNLL	
2024	11902600170000	23	MARATHON CT	1.0	Same & Back of Walk	38 WELL	
2025	11902600180000	19	MARATHON CT	1.0	Same & Back of Walk	51 EWLL	
2026	11902600190000	9	HERMES CR	1.0	Same & Back of Walk	31.5 NSLL	
2027	11902600200000	5	HERMES CR	1.0	Same & Back of Walk	26 SNLL	
2028	11902600210000	1	HERMES CR	1.0	Same & Back of Walk	24 SNLL	
2029	11902600220000	4045	ARCHEAN WY	1.0	22' WELL - 7' NNC of Archean		
2030	11902600230000	4050	ARCHEAN WY	1.0	Same & Back of Walk	46 WELL	
2031	11902600240000	4060	ARCHEAN WY	1.0	39' WELL, Back of Walk	17 WWC of Hermes, 20 SNC of Archean	
2032	11902600250000	4070	ARCHEAN WY	1.0	18' EWLL - 1' SSC in meter box (8/11/06)	18 EWLL - 28 NSC (8/11/06)	
2033	11902600260000	2	ORACLE CT	1.0		48 NSLL	
2034	11902600270000	8	ORACLE CT	1.0	Same & Back of Walk	42.5 NSLL	
2035	11902600280000	14	ORACLE CT	1.0	Same & Back of Walk	48 EWLL	
2036	11902600290000	18	ORACLE CT	1.0	Same & Back of Walk	10 SNLL	
2037	11902600300000	19	ORACLE CT	1.0	Same & Back of Walk	16 SNLL	
2038	11902600310000	15	ORACLE CT	1.0	Same & Back of Walk	25 SNLL	
2039	11902600320000	11	ORACLE CT	1.0	Same & Back of Walk	20 SNLL	
2040	11902600330000	7	ORACLE CT	1.0	Same & Back of Walk	26 SNLL	
2041	11902600340000	5	ORACLE CT	1.0	Same & Back of Walk	18 SNLL	
2042	11902600350000	1	ORACLE CT	1.0	Same & Back of Walk	24 NSLL	
2043	11902600360000	2	ICARUS CT	1.0	Same & Back of Walk	36 NSLL	
2044	11902600370000	6	ICARUS CT	1.0	37 1/2' SNLL, 8 1/2' WWC		
2045	11902600380000	12	ICARUS CT	1.0	Same & Back of Walk	31 SNLL	
2046	11902600390000	18	ICARUS CT	1.0	28' SNLL - 9' WWC of Icarus Court		
2047	11902600400000	22	ICARUS CT	1.0	Same & Back of Walk	22 NSLL	
2048	11902600410000	26	ICARUS CT	1.0	30' SNLL, 6' WWC of Icarus Court		
2049	11902600420000	30	ICARUS CT	1.0	Same & Back of Walk	45 WELL	
2050	11902600430000	31	ICARUS CT	1.0	Same & Back of Walk	48 EWLL	
2051	11902600440000	27	ICARUS CT	1.0	Same & Back of Walk	7 SNLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2052	11902600460000	23	ICARUS CT	1.0	Same & Back of Walk	32 NSLL	
2053	11902600470000	19	ICARUS CT	1.0	Same & Back of Walk	24.5 SNLL	
2054	11902600480000	15	ICARUS CT	1.0	Same & Back of Walk	25 SNLL	
2055	11902600490000	9	ICARUS CT	1.0	Same & Back of Walk	23 SNLL	
2056	11902600510000	4160	ARCHEAN WY	1.0	Same & Back of Walk	25 WELL	
2057	11902600530000	4155	ARCHEAN WY	1.0	9' NNC - 24' EWPL - 35' WELL of Archean Way	18 SNC - 22 EWLL	
2058	11902600540000	4145	ARCHEAN WY	1.0	Same & Back of Walk	22 EWLL	
2059	11902600550000	4135	ARCHEAN WY	1.0	Same & Back of Walk	36 EWLL	
2060	11902600560000	4125	ARCHEAN WY	1.0	Same & Back of Walk	25 EWLL	
2061	11902600570000	4105	ARCHEAN WY	1.0	Same & Back of Walk	22.5 EWLL	
2062	11902600580000	4095	ARCHEAN WY	1.0	Same & Back of Walk	26 EWLL	
2063	11902600590000	4085	ARCHEAN WY	1.0	Same & Back of Walk	32 WELL	
2064	11902600600000	2	HERMES CR	1.0	Same & Back of Walk	21 SNLL	
2065	11902600610000	6	HERMES CR	1.0	38 1/2' NSLL Behind Walk in Box	38 1/2' NSLL	
2066	11902600620000	10	HERMES CR	1.0	Same & Back of Walk	42.5 NSLL	
2067	11902600630000	60	HERMES CR	1.0	Same & Back of Walk	32.5 WELL	
2068	11902600640000	64	HERMES CR	1.0	Same & Back of Walk	28 WELL	
2069	11902600650000	68	HERMES CR	1.0	Same & Back of Walk	34 WELL	
2070	11902600660000	72	HERMES CR	1.0	Same & Back of Walk	32 WELL	
2071	11902600670000	76	HERMES CR	1.0	Same & Back of Walk	31.5 WELL	
2072	11902600680000	80	HERMES CR	1.0	32 1/2' WELL - 4' behind sidewalk S/P	32.5 WELL	
2073	11902600690000	84	HERMES CR	1.0	Same & Back of walk	34 WELL	
2074	11902600700000	4170	ARCHEAN WY	1.0		93 EEC Leacus - 19 NSC	
2075	11902600710000	5	ICARUS CT	1.0	27 1/2' NSLL, back of walk	Archean	
2076	11902700020000	87	HERMES CR	1.0	Same & Back of Walk	19 EWLL	
2077	11902700030000	91	HERMES CR	1.0	21' EWLL, 35' WELL, 7' NNC	21 EWLL	
2078	11902700040000	95	HERMES CR	1.0	Same & Back of Walk	21 EWLL	
2079	11902700050000	99	HERMES CR	1.0	Same & Back of Walk	20 EWLL	
2080	11902700060000	103	HERMES CR	1.0	13' SNLL 4' behind Sidewalk		
2081	11902700070000	107	HERMES CR	1.0	6' EEC of Hermes Cir 13' SNLL		
2082	11902700080000	111	HERMES CR	1.0	Same & Back of Walk	22 SNLL	
2083	11902700090000	115	HERMES CR	1.0	Same & Back of Walk	26 SNLL	
2084	11902700100000	119	HERMES CR	1.0	Same & Back of Walk	21 SNLL	
2085	11902700110000	1	DECATHLON CR	1.0	Same & Back of Walk	11.5 SNLL	
2086	11902700120000	5	DECATHLON CR	1.0	Same & Back of Walk	24 SNLL	
2087	11902700130000	9	DECATHLON CR	1.0	Same & Back of Walk	28.4 SNLL	
2088	11902700140000	15	DECATHLON CR	1.0	Same & Back of Walk	31 NSLL	
2089	11902700150000	19	DECATHLON CR	1.0	18' WELL - Back of Walk	24 SNC - 7 WELL	
2090	11902700160000	23	DECATHLON CR	1.0	Same & Back of Walk	34 WELL	
2091	11902700170000	27	DECATHLON CR	1.0	Same & Back of Walk	30.5 WELL	
2092	11902700180000	31	DECATHLON CR	1.0	30' WELL - 9' NNC of Decathlon		
2093	11902700190000	35	DECATHLON CR	1.0	31.5' WELL & BOW	31.5 WELL	
2094	11902700200000	39	DECATHLON CR	1.0	Same & Back of Walk	32 WELL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2095	11902700210000	43	DECATHLON CR	1.0	27' EWLL 7' NNC of 43 Decathalon cir. in box	30 WELL	
2096	11902700220000	47	DECATHLON CR	1.0	Same & Back of Walk	29.6 WELL	
2097	11902700230000	51	DECATHLON CR	1.0	Same & Back of Walk	30.3 WELL	
2098	11902700240000	55	DECATHLON CR	1.0	24' EWLL, 6' NNC in box or s/p		
2099	11902700250000	59	DECATHLON CR	1.0	31' WELL, 7' NNC in box	30.5 WELL	
2100	11902700260000	63	DECATHLON CR	1.0	36' WELL, Back of Walk	36 WELL	
2101	11902700270000	67	DECATHLON CR	1.0	25' EWLL - Back of Sidewalk		
2102	11902700280000	71	DECATHLON CR		19' NSLL - 2' behind walk in Standpipe		
2103	11902700290000	75	DECATHLON CR	1.0	Same & Back of Walk	27 NSLL	
2104	11902700300000	79	DECATHLON CR	1.0	Same & Back of Walk	28 NSLL	
2105	11902700310000	66	DECATHLON CR	1.0	Same & Back of Walk	12 EWLL	
2106	11902700320000	62	DECATHLON CR	1.0	Same & Back of Walk	21 EWLL	
2107	11902700330000	58	DECATHLON CR	1.0	Same & Back of Walk	11.7 EWLL	
2108	11902700340000	54	DECATHLON CR	1.0	32' WELL - 9' SSC of Decathalon		
2109	11902700350000	50	DECATHLON CR	1.0	Same & Back of Walk	16 EWLL	
2110	11902700360000	46	DECATHLON CR	1.0	26' EWLL - 8' SSC - 34' WELL in Standpipe		
2111	11902700370000	42	DECATHLON CR	1.0	Same & Back of Walk	17.5 EWLL	
2112	11902700380000	38	DECATHLON CR	1.0	Same & Back of Walk	15.4 EWLL	
2113	11902700390000	34	DECATHLON CR	1.0	13' EWLL 10' SSC of Decathalon in box	44 WELL	
2114	11902700400000	30	DECATHLON CR	1.0	Same & Back of Walk	23 EWLL	
2115	11902700410000	26	DECATHLON CR	1.0	Same & Back of Walk	27 WELL	
2116	11902700420000	4255	ARCHEAN WY	1.0	Same & Back of Walk	24 WELL	
2117	11902700430000	4265	ARCHEAN WY	1.0	Same & Back of Walk	26 EWLL	
2118	11902700440000	4275	ARCHEAN WY	1.0	Same & Back of Walk	31 EWLL	
2119	11902700450000	4285	ARCHEAN WY	1.0	Same & Back of Walk	26.7 EWLL	
2120	11902700460000	4295	ARCHEAN WY	1.0	Same & Back of Walk	29 EWLL	
2121	11902700470000	122	DECATHLON CR	1.0	Same & Back of Walk	28 EWLL	
2122	11902700480000	118	DECATHLON CR	1.0	Same & Back of Walk	22 EWLL	
2123	11902700490000	114	DECATHLON CR	1.0	Same & Back of Walk	26 EWLL	
2124	11902700500000	110	DECATHLON CR	1.0	Same & Back of Walk	29 EWLL	
2125	11902700510000	106	DECATHLON CR	1.0	Same & Back of Walk	36 EWLL	
2126	11902700520000	100	DECATHLON CR	1.0	Same & Back of Walk	35.5 EWLL	
2127	11902700530000	83	DECATHLON CR	1.0	Same & Back of Walk	25 NSLL	
2128	11902700540000	87	DECATHLON CR	1.0	Same & Back of Walk	26 NSLL	
2129	11902700550000	91	DECATHLON CR	1.0	Same & Back of Walk	20 NSLL	
2130	11902700560000	95	DECATHLON CR	1.0	Same & Back of Walk	21.3 EWLL	
2131	11902700570000	99	DECATHLON CR	1.0	25' EWLL - 3 1/2' Behind Walk		
2132	11902700580000	103	DECATHLON CR	1.0	Same & Back of Walk	21 EWLL	
2133	11902700590000	107	DECATHLON CR	1.0	Same & Back of Walk	25.3 EWLL	
2134	11902700600000	111	DECATHLON CR		23' EWLL & 9' SSC		
2135	11902700610000	115	DECATHLON CR	1.0	32' WELL - 10' SSC of Decathalon		
2136	11902700620000	119	DECATHLON CR	1.0	Same & Back of Walk	25 EWLL	
2137	11902700630000	123	DECATHLON CR	1.0	Same & Back of Walk	32.5 WELL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2138	11902700640000	4280	ARCHEAN WY	1.0	Same & Back of Walk	20 EWLL	
2139	11902700650000	4270	ARCHEAN WY	1.0	25' EWLL - 8' SSC of Archeon Way		
2140	11902700660000	4260	ARCHEAN WY	1.0	Same & Back of Walk	38.7 EWLL	
2141	11902700670000	4250	ARCHEAN WY	1.0	Same & Back of Walk	36 WELL	
2142	11902700680000	4240	ARCHEAN WY	1.0	38 1/2' WELL & Back of Walk	38 1/2 WELL	
2143	11902700690000	4230	ARCHEAN WY	1.0	20' WELL, 7'SSC in c/s box		
2144	11902700700000	4220	ARCHEAN WY	1.0	Same & Back of Walk	35.6 WELL	
2145	11902700710000	4210	ARCHEAN WY	1.0	Same & Back of Walk	36 WELL	
2146	11902700720000	4200	ARCHEAN WY	1.0	24' EWLL, 8' SSC of Archeon		
2147	11902700730000	4190	ARCHEAN WY	1.0	Same & Back of Walk	36 WELL	
2148	11902700740000	4180	ARCHEAN WY	1.0	23 1/2' EWLL - 8' SSC	22 EWLL	
2149	11902700750000	4165	ARCHEAN WY	1.0	23' EWLL - 8' NNC		
2150	11902700760000	4175	ARCHEAN WY	1.0	Same & Back of Walk	27 EWLL	
2151	11902700770000	4185	ARCHEAN WY				
2152	11902700780000	96	HERMES CR	1.0	Same & back of Walk	17.7 EWLL	
2153	11902700790000	92	HERMES CR	1.0	Same & Back of Walk	32.5 WELL	
2154	11902700800000	88	HERMES CR	1.0	35'WELL-22'EWLL-8 1/2' SSC of Hermes	35 WELL	
2155	11902800100000	4270	DEER HILL DR	1.0	Same & Back of Walk	25 EWLL	
2156	11902800200000	4260	DEER HILL DR				
2157	11902800300000	7893	FARNELL WY	1.0	24' SNLL, Back of Sidewalk		
2158	11902800400000	7897	FARNELL WY	1.0	Same & Back of Walk	32 SNLL	
2159	11902800500000	7901	FARNELL WY	1.0	55' NSLL - 9' EEC of Farnell	30 SNLL	
2160	11902800600000	7904	FARNELL WY	1.0	Same & Back of Walk	27 SNLL	
2161	11902800700000	7900	FARNELL WY	1.0	Same & Back of Walk	27 SNLL	
2162	11902800800000	7896	FARNELL WY	1.0	Same & Back of Walk	28 SNLL	
2163	11902800900000	7892	FARNELL WY	1.0	Same & Back of Walk	24 SNLL	
2164	11902801000000	7886	FARNELL WY				
2165	11902801100000	7880	FARNELL WY	1.0	Same & Back of Walk	32 NSLL	
2166	11902801300000	7881	DEERLEAF DR	1.0	30' NSLL - 5' EEC of Deer Leaf Drive, Standpipe		
2167	11902801400000	7885	DEERLEAF DR	1.0	Same & Back of Walk	24 SNLL	
2168	11902801500000	7893	DEERLEAF DR	1.0	Same & Back of Walk	24 SNLL	
2169	11902801600000	7897	DEERLEAF DR	1.0	Same & Back of Walk	25 SNLL	
2170	11902801700000	7905	DEERLEAF DR	1.0	Same & Back of Walk	25 SNLL	
2171	11902801800000	7909	DEERLEAF DR	1.0	Same & Back of Walk	28 SNLL	
2172	11902801900000	7915	DEERLEAF DR	1.0	Same & Back of Walk	19 NSLL	
2173	11902802000000	7919	DEERLEAF DR	1.0	Same & Back of Walk	15 EWLL	
2174	11902802100000	7923	DEERLEAF DR	1.0	Same & Back of Walk	29 EWLL	
2175	11902802200000	7927	DEERLEAF DR	1.0	Same & Back of Walk	27 EWLL	
2176	11902802300000	7931	DEERLEAF DR				
2177	11902802400000	7935	DEERLEAF DR	1.0	Same & Back of Walk	24 EWLL	
2178	11902802500000	7939	DEERLEAF DR	1.0	Same & Back of Walk	25 EWLL	
2179	11902802600000	7943	DEERLEAF DR				
2180	11902802700000	7947	DEERLEAF DR	1.0	Same & Back of Walk	27 EWLL	
2181	11902800280000	7951	DEERLEAF DR	1.0	Same & Back of Walk		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2182	11902800290000	7955	DEER LAKE DR	1.0	Same & Back of Walk	27 SNLL	
2183	11902800300000	7951	DEER LAKE DR	1.0	Same & Back of Walk	32 NSLL	
2184	11902800310000	7937	DEER LAKE DR	1.0	Same & Back of Walk	12 EWLL	
2185	11902800320000	7939	DEER LAKE DR				
2186	11902800330000	7941	DEER LAKE DR	1.0	6'EEC of Deer Lake, 26'NSLL, 23'SNLL in s/p		
2187	11902800340000	7943	DEER LAKE DR	1.0		30 SNLL	
2188	11902800350000	7946	DEERLEAF DR	1.0	Same & Back of Walk	27 EWLL	
2189	11902800360000	7916	WHITE STAG WY	1.0	Same & Back of walk	27 SNLL	
2190	11902800370000	7912	WHITE STAG WY	1.0	Same & Back of walk	27 SNLL	
2191	11902800380000	7908	WHITE STAG WY	1.0	Same & Back of walk	24 SNLL	
2192	11902800390000	7904	WHITE STAG WY	1.0	Same & Back of walk	28 SNLL	
2193	11902800400000	7900	WHITE STAG WY	1.0	Same & Back of walk	27 SNLL	
					1) 24' SNLL, 30' NSLL, 7' WWC in box (4/14/06)		
					2) 24' SNLL, 30' NSLL, 7' WWC in box (4/11/06)		
2194	11902800410000		WHITE STAG WY	1.0	3) Same & Back of walk	27 SNLL	
2195	11902800420000	7892	WHITE STAG WY	1.0	Same & Back of walk	26 SNLL	
2196	11902800430000	7884	WHITE STAG WY	1.0	21' SNLL, 5' WWC of White stag		
2197	11902800440000	7880	WHITE STAG WY	1.0	Same & Back of Walk	30 NSLL	
2198	11902800450000	7868	DEERGLEN WY	1.0	Same & Back of Walk	24 SNLL	
2199	11902800460000	7864	DEERGLEN WY	1.0	Same & Back of Walk	25 SNLL	
2200	11902800470000	7860	DEERGLEN WY	1.0	Same & Back of Walk	30 NSLL	
2201	11902800480000	7848	DEERGLEN WY	1.0	24 SNPL - 7' WWC of Deerglen Way (In Standpipe)		
2202	11902800490000	7844	DEERGLEN WY	1.0	Same & Back of Walk	24 SNLL	
2203	11902800500000	7845	DEERGLEN WY	1.0	Same & Back of Walk	26 SNLL	
2204	11902800510000	7849	DEERGLEN WY	1.0	Same & Back of Walk	27 SNLL	
2205	11902800520000	7853	DEERGLEN WY				
2206	11902800530000	7857	DEERGLEN WY	1.0	Same & Back of Walk	27 SNLL	
2207	11902800540000	7861	DEERGLEN WY	1.0	Same & Back of Walk	27 SNLL	
2208	11902800550000	7865	DEERGLEN WY	1.0	Same & Back of Walk	27 SNLL	
2209	11902800560000	7869	DEERGLEN WY	1.0	Same & Back of Walk	27 SNLL	
2210	11902800570000	7881	WHITE STAG WY		35' SN White Stag, 5' EEC in box		
2211	11902800580000	7885	WHITE STAG WY				
2212	11902800590000	7893	WHITE STAG WY	1.0	Same & Back of walk	24 SNLL	
2213	11902800600000	7897	WHITE STAG WY	1.0	Same & Back of walk	24 SNLL	
2214	11902800610000	7901	WHITE STAG WY	1.0	Same & Back of walk	25 SNLL	
2215	11902800620000	7909	WHITE STAG WY	1.0	Same & Back of walk	30 SNLL	
2216	11902800630000	7915	WHITE STAG WY	1.0	Same & Back of walk	30 SNLL	
2217	11902800640000	7904	DEERLEAF DR	1.0	Same & Back of Walk	30 SNLL	
2218	11902800650000	7900	DEERLEAF DR	1.0	Same & Back of Walk	27 SNLL	
2219	11902800660000	7896	DEERLEAF DR	1.0	Same & Back of Walk	27 SNLL	
2220	11902800670000	7892	DEERLEAF DR	1.0	33' NSLL - 2' WWPL of Deer Leaf		

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2221	11902800680000	7886	DEERLEAF DR	1.0	Same & Back of Walk	27 SNLL	
2222	11902800690000	7880	DEERLEAF DR	1.0	1) 28' NSLL - 7' WWC in SP (9/18/06) 2) Same & Back of Walk	30 NSLL	
2223	11902800700000	7830	DEER CREEK DR	1.0	28' NSLL, 9' WWC in S/P	27 NSPL, 20 EWC of Deer Creek	
2224	11902800710000	7834	DEER CREEK DR		31' SNLL - 7' WWC of Deer Creek	28 SNLL - 20 EWC of Deer Creek	
2225	11902800720000	7838	DEER CREEK DR		Same - 7' WWC of Deer Creek	28 NSLL - 20 EWC of Deer Creek	
2226	11902910020000	9	DEERTREE CT	1.0	Same & Back of Walk	18 EWLL	
2227	11902910030000	5	DEERTREE CT	1.0	Same & Back of Walk	36 EWLL	
2228	11902910040000	1	DEERTREE CT	1.0	Same & Back of Walk	32 EWLL	
2229	11902910050000	2	POINTER CT	1.0	Same & Back of Walk	23 EWLL	
2230	11902910060000	6	POINTER CT	1.0	20' EWLL, 10' NNC		
2231	11902910070000	10	POINTER CT	1.0	Same & Back of Walk	18 EWLL	
2232	11902910080000	14	POINTER CT	1.0	Same & Back of Walk	15 SNLL	
2233	11902910090000	15	POINTER CT	1.0	Same & Back of Walk	15 SNLL	
2234	11902910100000	9	POINTER CT	1.0	13' EWLL - 7' SSC in C/S Box	13 EWLL	
2235	11902910110000	5	POINTER CT	1.0	29' WELL, 7' SSC		
2236	11902910120000	1	POINTER CT	1.0	Same & Back of Walk	24 EWLL	
2237	11902910130000	3989	DEER CROSS WY				
2238	11902910140000	3985	DEER CROSS WY				
2239	11902910150000	3981	DEER CROSS WY		19' EWLL - 8' NNC of Deer Cross		
2240	11902910160000	3975	DEER CROSS WY		7' WEC of Deer Cross - 13' NSLL		
2241	11902910170000	3972	DEER CROSS WY				
2242	11902910180000	3976	DEER CROSS WY		25' EWLL - 8' SSC		
2243	11902910190000	3980	DEER CROSS WY				
2244	11902910200000	3984	DEER CROSS WY				
2245	11902910210000	3988	DEER CROSS WY				
2246	11902910220000	15	DEERTREE CT	1.0	Same & Back of Walk	36 WELL	
2247	11902920030000	7920	DEER WATER DR	1.0	Same & Back of Walk	27 SNLL	
2248	11902920040000	7924	DEER WATER DR	1.0	Same & Back of Walk	24 SNLL	
2249	11902920050000	2	DEERTREE CT	1.0	Same & Back of Walk	36 EWLL	
2250	11902920070000	6	DEERTREE CT	1.0	Same & Back of Walk	90 WELL	
2251	11902920100000	7912	DEER WATER DR	1.0	Same & Back of Walk	26 NSLL	
2252	11902920110000	7916	DEER WATER DR	1.0	23' SNLL - 7' WWC in Box		
2253	11902930010000	7911	DEER WATER DR	1.0	Same & Back of Walk	36 NSLL	
2254	11902930020000	7917	DEER WATER DR	1.0	Same & Back of Walk	39 SNLL	
2255	11902930030000	7923	DEER WATER DR	1.0	Same & Back of Walk. 7' EEC in Standpipe	24 SNLL	
2256	11902930040000	7929	DEER WATER DR	1.0	Same & Back of Walk	27 SNLL	
2257	11902930050000	7935	DEER WATER DR	1.0	Same & Back of Walk	27 SNLL	
2258	11902930060000	7941	DEER WATER DR	1.0	Same & Back of Walk	26 SNLL	
2259	11902930070000	7947	DEER WATER DR	1.0	Same & Back of Walk	24 SNLL	
2260	11902930080000	7949	DEER WATER DR	1.0	7' EEC of Deerwater - 35' NSLL		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2261	11902930090000	7951	DEER WATER DR	1.0	30' SNLL - 8' EEC of Deer Water		
2262	11902930100000	7955	DEER WATER DR				
2263	11902930110000	3993	DEER CROSS WY				
2264	11902930120000	3997	DEER CROSS WY				
2265	11902930130000	4001	DEER CROSS WY				
2266	11902930140000	7948	REINDEER WY	1.0	Same & Back of Walk	24 SNLL	
2267	11902930150000	7944	REINDEER WY	1.0	21' SNLL - 5' Behind Sidewalk		
2268	11902930160000	7940	REINDEER WY	1.0	Same & Back of Walk	24 SNLL	
2269	11902930170000	7936	REINDEER WY	1.0	33' NSLL - 9' WWC of Reindeer		
2270	11902930180000	7932	REINDEER WY	1.0	Same & Back of Walk	24 SNLL	
2271	11902930190000	7928	REINDEER WY	1.0	Same & Back of Walk	24 SNLL	
2272	11902930200000	7924	REINDEER WY	1.0	Same & Back of Walk	25 SNLL	
2273	11902930210000	7920	REINDEER WY	1.0	Same & Back of Walk	30 NSLL	
2274	11902940010000	7919	DEER LAKE DR	1.0	Same & Back of Walk	25 EWLL	
2275	11902940020000	7917	DEER LAKE DR	1.0	Same & Back of Walk	24 EWLL	
2276	11902940030000	7915	DEER LAKE DR	1.0	Same & Back of Walk	24 EWLL	
2277	11902940040000	7913	DEER LAKE DR	1.0	34' SNLL - 8' WWC of Deer Lake	22 EWLL	
2278	11902940050000	7911	DEER LAKE DR	1.0	Same & Back of Walk	30 EWLL	
2279	11902940060000	7909	DEER LAKE DR	1.0	Same & Back of Walk	36 EWLL	
2280	11902940070000	7907	DEER LAKE DR	1.0	1) 43' SNLL, 7' EEC (9/10/05) 2) 6' NNC of Deer Lake - 37' WELL	17 SNC of Deer Lake - 37' WELL	
2281	11902950010000	7935	DEER LAKE DR	1.0	9' NNC 21' WELL	29 EWLL	
2282	11902950020000	7933	DEER LAKE DR	1.0	Same & Back of Walk	24 EWLL	
2283	11902950030000	7931	DEER LAKE DR	1.0			
2284	11902950040000	7929	DEER LAKE DR	1.0	28'WELL, 6'NNC in S/P	27EWLL	
2285	11902950050000	7927	DEER LAKE DR	1.0	Same & Back of Walk	27 EWLL	
2286	11902950060000	7925	DEER LAKE DR	1.0	Same & Back of Walk	30 WELL	
2287	11902960010000	7916	DEER LAKE DR	1.0	Same & Back of Walk	30 WELL	
2288	11902960020000	7918	DEER LAKE DR	1.0	Same & Back of Walk	27 EWLL	
2289	11902960030000	7920	DEER LAKE DR	1.0	Same & Back of Walk	27 EWLL	
2290	11902960040000	7922	DEER LAKE DR	1.0	26' EWLL - 6' SSC in box		
2291	11902960060000	4127	DEER CROSS WY	1.0	Same & Back of Walk	27 SNLL	
2292	11902960070000	4123	DEER CROSS WY	1.0	Same & Back of Walk	27 SNLL	
2293	11902960080000	4119	DEER CROSS WY	1.0	27' NSLL - 6' WWC of Deer Cross		
2294	11902960090000	4115	DEER CROSS WY				
2295	11902960100000	4087	DEER CROSS WY	1.0	#1) 21' EWLL, 34' WELL, 9' NNC in @ box (08/06/05)		
2296	11902960110000	4071	DEER CROSS WY	1.0	#2) 27' EWLL, Back of Walk (Old)	27 EWLL	
2297	11902960120000	4057	DEER CROSS WY	1.0	Same & Back of Walk	27 EWLL	
2298	11902960130000	4043	DEER CROSS WY	1.0	21' EWLL, Behind Walk	27 EWLL	
2299	11902960140000	4031	DEER CROSS WY	1.0	Same & Back of Walk	26 EWLL	
2300	11902960150000	7943	REINDEER WY	1.0	Same & Back of Walk	32 WELL	
2301	11902960160000	7939	REINDEER WY	1.0	Same & Back of Walk	30 SNLL	
2302	11902960170000	7935	REINDEER WY	1.0	Same & Back of Walk	30 SNLL	
						34 NSLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2303	11902960180000	6	DEER GROVE CT	1.0	Same & Back of Walk	25 EWLL	
2304	11902960190000	10	DEER GROVE CT	1.0	Same & Back of Walk	12 WELL	
2305	11902960200000	9	DEER GROVE CT	1.0	Same & Back of Walk	15 SNLL	
2306	11902960210000	5	DEER GROVE CT				
2307	11902960220000	7925	REINDEER WY	1.0	Same & Back of Walk	27 SNLL	
2308	11902970010000	3992	DEER CROSS WY	1.0	Same & Back of Walk	33 WELL	
2309	11902970020000	3996	DEER CROSS WY	1.0	Same & Back of Walk	27 EWLL	
2310	11902970030000	4000	DEER CROSS WY	1.0	Same & Back of Walk	28 EWLL	
2311	11902970040000	4016	DEER CROSS WY	1.0	Same & Back of Walk	27 EWLL	
2312	11902970050000	4030	DEER CROSS WY	1.0	Same & Back of Walk	27 EWLL	
2313	11902970060000	4042	DEER CROSS WY	1.0	Same & Back of Walk	27 EWLL	
2314	11902970070000	4056	DEER CROSS WY	1.0	Same & Back of Walk	26 EWLL	
2315	11902970080000	4072	DEER CROSS WY	1.0	Same & Back of Walk	25 EWLL	
2316	11902970090000	4086	DEER CROSS WY	1.0	Same & Back of Walk	28 EWLL	
2317	11902970100000	4100	DEER CROSS WY	1.0	Same & Back of Walk	27 EWLL	
2318	11902970110000	4104	DEER CROSS WY	1.0	Same & Back of Walk	27 EWLL	
2319	11902970120000	4108	DEER CROSS WY	1.0	Same & Back of Walk	22 EWLL	
2320	11902970130000	4112	DEER CROSS WY	1.0	Same & Back of Walk	14 SNLL	
2321	11902970140000	4116	DEER CROSS WY	1.0	Same & Back of Walk in Standpipe	24 SNLL	
2322	11902970150000	4120	DEER CROSS WY	1.0	Same & Back of Walk	24 SNLL	
2323	11902970160000	4124	DEER CROSS WY	1.0	Same & Back of Walk	25 SNLL	
2324	11902970170000	4128	DEER CROSS WY	1.0	Same & Back of Walk	27 SNLL	
2325	11902970180000	4132	DEER CROSS WY	1.0	Same & Back of Walk	33 NSLL	
2326	11902970190000	7940	DEER LAKE DR				
2327	11902970200000	7942	DEER LAKE DR	1.0	Same & Back of Walk	28 SNLL	
2328	11902970210000	7946	DEER LAKE DR	1.0	Same & Back of Walk	25 SNLL	
2329	11902970220000	7950	DEER LAKE DR	1.0	Same & Back of Walk	27 SNLL	
2330	11902970230000	7952	DEER LAKE DR	1.0	32' NSLL - 10' WWC of Deer Lake Drive		
2331	11902970240000	7956	DEER LAKE DR	1.0	Same & Back of Walk	24 SNLL	
2332	11903000010000	7979	CACERES WY	1.0	42' SNLL, 9' EEC, 51' NNC of Lineras Wy in box	40.9 SNLL	
2333	11903000020000	7975	CACERES WY	1.0	Same & Back of Walk	28.2 SNLL	
2334	11903000030000	7971	CACERES WY	1.0	Same & Back of Walk	29.6 SNLL	
2335	11903000040000	7967	CACERES WY	1.0	28' SNLL, 8' EEC in Standpipe in Driveway		
2336	11903000050000	7963	CACERES WY	1.0	Same & Back of Walk	28.9 SNLL	
2337	11903000060000	7957	CACERES WY	1.0	Same & Back of Walk	48.2 NSLL	
2338	11903000070000	4435	MONTRIL WY	1.0	Same & Back of Walk	33.6 EWLL	
2339	11903000080000	4425	MONTRIL WY	1.0	Same & Back of Walk	24 EWLL	
2340	11903000090000	4415	MONTRIL WY	1.0	8' SNLL - 7' WWC of Montril		
2341	11903000100000	7954	CACERES WY	1.0	Same & Back of Walk	10.3 NSLL	
2342	11903000110000	7958	CACERES WY	1.0	Same & Back of Walk	20.1 SNLL	
2343	11903000120000	7962	CACERES WY	1.0	Same & Back of Walk	37 NSLL	
2344	11903000130000	7966	CACERES WY	1.0	Same & Back of Walk	29.9 SNLL	
2345	11903000140000	7970	CACERES WY	1.0	22.4' SNLL & Back of Walk	22.4 SNLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2346	11903000150000	7974	CACERES WY	1.0	Same & Back of Walk	38.3 NSLL	
2347	11903000160000	7978	CACERES WY	1.0	Same & Back of Walk	36.3 NSLL	
2348	11903000170000	7967	LA CORUNA DR				
2349	11903000180000	7963	LA CORUNA DR				
2350	11903000190000	7959	LA CORUNA DR	1.0	Same & Back of Walk	33.4 NSLL	
2351	11903000200000	7955	LA CORUNA DR	1.0	30' SNLL - 8' EEC	30 NSLL	
2352	11903000210000	7951	LA CORUNA DR	1.0	Same & Back of Walk	34.8 SNLL	
2353	11903000220000	7947	LA CORUNA DR	1.0	32' SNLL, 8' EEC in s/p.	32.3 SNLL	
2354	11903000230000	7943	LA CORUNA DR	1.0	Same & Back of Walk	29.5 SNLL	
2355	11903000240000	7939	LA CORUNA DR	1.0	Same & Back of Walk	39.8 SNLL	
2356	11903000250000	7935	LA CORUNA DR	1.0	Same & Back of Walk	50.6' WELL	
2357	11903000260000	4360	ARMADALE WY	1.0	50.6' WELL, Back of Walk	23.1 EWWW	
2358	11903000270000	4370	ARMADALE WY	1.0	23.1' EWWW, Back of Walk	26.5 EWWW	
2359	11903000280000	4380	ARMADALE WY	1.0	26.5' EWWW, Back of Walk	36.5 WELL	
2360	11903000290000	4390	ARMADALE WY	1.0	36.5' WELL, Back of Walk	31.7 WELL	
2361	11903000300000	4400	ARMADALE WY	1.0	31.7' WELL, Back of Walk	32.3 WELL	
2362	11903000310000	4410	ARMADALE WY	1.0	32.3' WELL, Back of Walk	25.2 EWWW	
2363	11903000320000	4415	ARMADALE WY	1.0	25.2' EWWW, Back of Walk	26.5 EWWW	
2364	11903000330000	4395	ARMADALE WY	1.0	26.5' EWWW, Back of Walk	28.3 WELL	
2365	11903000340000	4385	ARMADALE WY	1.0	28.3' WELL, Back of Walk	29.3 WELL	
2366	11903000350000	4375	ARMADALE WY	1.0	29.3' WELL, Back of Walk	30.7 EWWW	
2367	11903000360000	4365	ARMADALE WY	1.0	30.7' EWWW, Back of Walk		
2368	11903000370000	4355	ARMADALE WY	1.0	1) 30' EWWW, 6' NNC in box (09/22/05) 2) 30.9' EWWW, Back of Walk	30.9 EWWW	
2369	11903000380000	4345	ARMADALE WY	1.0	25.4' EWWW, Back of Walk	25.4 EWWW	
2370	11903000390000	4335	ARMADALE WY	1.0	25.6' EWWW, Back of Walk	25.6 EWWW	
2371	11903000400000	4325	ARMADALE WY	1.0	59' EWWW, Back of Walk	59 EWWW	
2372	11903000410000	4315	ARMADALE WY	1.0	28.2' EWWW, Back of Walk	28.2 EWWW	
2373	11903000420000	4301	ARMADALE WY	1.0	42.2' WELL, Back of Walk	42.2 WELL	
2374	11903000430000	4280	BLACKFORD WY	1.0	Same & Back of Walk	43.2 WELL	
2375	11903000440000	4290	BLACKFORD WY	1.0	Same & Back of Walk	30.8 EWWW	
2376	11903000450000	4300	BLACKFORD WY	1.0	Same & Back of Walk	28.5 EWWW	
2377	11903000460000	4310	BLACKFORD WY	1.0	Same & Back of Walk	33.4 WELL	
2378	11903000470000	4324	BLACKFORD WY	1.0	29' EWWW, 8 1/2' SSC of Blackford Way	29.8 EWWW	
2379	11903000480000	4334	BLACKFORD WY	1.0	Same & Back of Walk	29.2 EWWW	
2380	11903000490000	4346	BLACKFORD WY	1.0	Same & Back of Walk	29.3 EWWW	
2381	11903000500000	4356	BLACKFORD WY	1.0	Same & Back of Walk	30 EWWW	
2382	11903000510000	4368	BLACKFORD WY	1.0	Same & Back of Walk	27.4 EWWW	
2383	11903000520000	4378	BLACKFORD WY	1.0	Same & Back of Walk	26.1 EWWW	
2384	11903000530000	4390	BLACKFORD WY	1.0	5' EWWW - 4' Behind Sidwalk (In Standpipe)		
2385	11903000540000	9	GRANGE CT	1.0	Same & Back of Walk	17.3 WELL	
2386	11903000550000	5	GRANGE CT	1.0	Same & Back of Walk	15.9 SNLL	
2387	11903000560000	1	GRANGE CT				
2388	11903000570000	2	LANDER CT	1.0	Same & Back of Walk	36 SNLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2389	11903000580000	6	LANDER CT				
2390	11903000590000	10	LANDER CT	1.0	Same & Back of Walk	10.7 NSLL	
2391	11903000600000	5	LANDER CT	1.0	Same & Back of Walk	47.6 NSLL	
2392	11903000610000	1	LANDER CT	1.0	Same & Back of walk	33.4 SNLL	
2393	11903000620000	4327	BLACKFORD WY	1.0	Same & Back of Walk	29.5 EWLL	
2394	11903000630000	4317	BLACKFORD WY	1.0	Same & Back of Walk	29.7 EWLL	
2395	11903000640000	4311	BLACKFORD WY	1.0	Same & Back of Walk	19.4 EWLL	
2396	11903000650000	4301	BLACKFORD WY	1.0	Same & Back of Walk	24.3 EWLL	
2397	11903000660000	4291	BLACKFORD WY	1.0	Same & Back of Walk	25 EWLL	
2398	11903000670000	4281	BLACKFORD WY	1.0	Same & Back of Walk	43.1 EWLL	
2399	11903000680000	7908	FARNELL WY	1.0	Same & Back of Walk	17.7 NSLL, 8 WWC in Stand Pipe	
2400	11903000690000	7912	FARNELL WY				
2401	11903000700000	7916	FARNELL WY	1.0	Same & Back of Walk	27.9 SNLL	
2402	11903000710000	7920	FARNELL WY	1.0	Same & Back of Walk	35.1 NSLL	
2403	11903000720000	7924	FARNELL WY	1.0	Same & Back of Walk	33.1 SNLL	
2404	11903000730000	4270	ARMADALE WY	1.0	6.5' WELL, Back of Walk	6.5 WELL	
2405	11903000740000	4280	ARMADALE WY	1.0	35.6' WELL, Back of Walk	35.6 WELL	
2406	11903000750000	4290	ARMADALE WY	1.0	8' SSC, 29' EWLL	21 NSC, 29 EWLL	
2407	11903000760000	4300	ARMADALE WY	1.0	27.5' EWLL, Back of Walk	27.5 EWLL	
2408	11903000770000	4310	ARMADALE WY	1.0	31.8' WELL, Back of Walk	31.8 WELL	
2409	11903000780000	7930	LA CORUNA DR				
2410	11903000790000	7934	LA CORUNA DR	1.0	Same & Back of Walk	33.4 NSLL	
2411	11903000800000	7938	LA CORUNA DR	1.0	Same & Back of Walk	34.4 NSLL	
2412	11903000810000	7942	LA CORUNA DR	1.0	Same & Back of Walk	37 NSLL	
2413	11903000820000	7946	LA CORUNA DR	1.0	Same & Back of Walk	37 NSLL	
2414	11903000830000	7950	LA CORUNA DR	1.0	24' NSLL, 10' WWC	36.7 NSLL	
2415	11903000840000	4365	MILLPORT WY	1.0	37 1/2' EWLL, Back of walk	38.2 EWLL	
2416	11903000850000	4370	MILLPORT WY	1.0	Same & Back of Walk	34.7 EWLL	
2417	11903000860000	4385	ARDWELL WY	1.0	35.7' EWLL, Back of Walk	35.7 EWLL	
2418	11903000870000	4400	BLACKFORD WY	1.0	Same & Back of Walk	20.1 WELL	
2419	11903110010000	4555	ARMADALE WY	1.0	1) 13' EWLL - 8' NNC (5/16/06) 2) 12' EWLL, 3 1/2' behind Sidewalk, in S/P		
2420	11903110020000	4545	ARMADALE WY	1.0	27 1/2' WELL, 3' behind walk		
2421	11903110030000	4535	ARMADALE WY	1.0	26.5' EWLL, Back of Walk	26.5 EWLL	
2422	11903110040000	4525	ARMADALE WY	1.0	28.4' EWLL, Back of Walk	28.4 EWLL	
2423	11903110050000	4515	ARMADALE WY	1.0	27' EWLL or 39' WELL, 7' NNC of Armadale in box	27 EWLL	
2424	11903110070000	4495	ARMADALE WY	1.0	28' EWLL, Back of Walk	28 EWLL	
2425	11903110080000	7973	DEER CREEK DR	1.0	Same & Back of Walk	31.1 SNLL	
2426	11903110090000	7971	DEER CREEK DR	1.0	Same & Back of Walk	25.1 SNLL	
2427	11903110100000	7969	DEER CREEK DR				
2428	11903110110000	7967	DEER CREEK DR				
2429	11903110120000	7965	DEER CREEK DR	1.0			

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2430	11903110130000	7963	DEER CREEK DR	1.0	Same & Back of Walk	36.1 NSLL	
2431	11903110140000	7961	DEER CREEK DR	1.0	Same & Back of Walk	35.9 NSLL	
2432	11903110150000	7959	DEER CREEK DR	1.0	Same & Back of Walk	36 NSLL	
2433	11903110160000	7957	DEER CREEK DR				
2434	11903110170000	4505	ARMADALE WY				
2435	11903110180000	4501	ARMADALE WY	1.0	23.6' EWLL, Back of Walk	23.6 EWLL	
2436	11903120020000	4550	ARMADALE WY	1.0	15.4' EWLL, Back of Walk	15.4 EWLL	
2437	11903120030000	4540	ARMADALE WY	1.0	36.3' WELL, Back of Walk	36.3 WELL	
2438	11903120040000	4530	ARMADALE WY	1.0	35.6' WELL, Back of Walk	35.6 WELL	
2439	11903120050000	4520	ARMADALE WY	1.0	35.8' WELL, Back of Walk	35.8 WELL	
2440	11903120060000	4510	ARMADALE WY	1.0	37' WELL, Back of Walk	37 WELL	
2441	11903120070000	4500	ARMADALE WY	1.0	34.1' WELL, Back of Walk	34.1 WELL	
2442	11903120080000	4490	ARMADALE WY				
2443	11903120090000	4480	ARMADALE WY	1.0	27.6' EWLL, Back of Walk	27.6 EWLL	
2444	11903120100000	4470	ARMADALE WY	1.0	37.1' WELL, Back of Walk	37.1 WELL	
2445	11903120110000	4460	ARMADALE WY	1.0	26.4' EWLL, Back of Walk	26.4 EWLL	
2446	11903120120000	4450	ARMADALE WY	1.0	40.9' WELL, Back of Walk	40.9 WELL	
2447	11903120130000	4455	MONTRIL WY	1.0	Same & Back of Walk	41.3 WELL	
2448	11903120140000	4465	MONTRIL WY	1.0	Same & Back of Walk	24.4 EWLL	
2449	11903120150000	4475	MONTRIL WY	1.0	Same & Back of Walk	34.1 EWLL	
2450	11903120160000	4485	MONTRIL WY	1.0	Same & Back of Walk	28.6 WELL	
2451	11903120170000	4495	MONTRIL WY	1.0	26' EWLL - 7 1/2' NNC of Montril		
2452	11903120180000	4505	MONTRIL WY	1.0	Same & Back of Walk	28.2 EWLL	
2453	11903120190000	4515	MONTRIL WY				
2454	11903120200000	4525	MONTRIL WY	1.0	Same & Back of Walk	26.2 WELL	
2455	11903120210000	4535	MONTRIL WY	1.0	Same & Back of Walk	28.4 EWLL	
2456	11903120220000	4545	MONTRIL WY	1.0	Same & Back of Walk	28.1 WELL	
2457	11903120230000	4555	MONTRIL WY	1.0	26' EWLL, 9' NNC		
2458	11903120240000	4565	MONTRIL WY	1.0	Same & Back of Walk	24.9 WELL	
2459	11903120250000	4575	MONTRIL WY	1.0	Same & Back of Walk	18 EWLL	
2460	11903120260000	4570	MONTRIL WY	1.0	Same & Back of Walk	18.2 EWLL	
2461	11903120270000	4560	MONTRIL WY	1.0	Same & Back of Walk	18.2 EWLL	
2462	11903120280000	4550	MONTRIL WY	1.0	35' WELL - 27' EWLL - 9' SSC of Montril		
2463	11903120290000	4540	MONTRIL WY	1.0	Same & Back of Walk	25.1 EWLL	
2464	11903120300000	4530	MONTRIL WY	1.0	Same & Back of Walk	26.2 EWLL	
2465	11903120310000	4520	MONTRIL WY	1.0	8' SSC, 29 1/2' WELL		
2466	11903120320000	7937	ORENZA WY	1.0	Same & Back of Walk	39.5 NSLL	
2467	11903120330000	7941	ORENZA WY				
2468	11903120340000	7945	ORENZA WY	1.0	Same & Back of Walk	26 SNLL	
2469	11903120350000	7949	ORENZA WY	1.0	Same & Back of Walk	29 SNLL	
2470	11903120360000	4535	MANACOR DR	1.0	Same & Back of Walk	24.4 EWLL	
2471	11903120370000	4545	MANACOR DR	1.0	Same & Back of Walk	34.2 EWLL	
2472	11903120380000	4555	MANACOR DR	1.0	Same & Back of Walk	19.5 EWLL	
2473	11903120390000	4565	MANACOR DR	1.0	Same & Back of Walk	21.4 EWLL	
2474	11903120400000	4575	MANACOR DR	1.0	Same & Back of Walk	23.5 EWLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2475	11903120410000	4585	MANACOR DR	1.0	28' EWLL - 7' NNC	25 EWLL	
2476	11903120420000	4570	ARMADALE WY	1.0	54' WWC Franklin Bl, 6' SSC Armadale Way	54 WWC Franklin Bl - 21 NSC Armadale Way	
2477	11903120430000	4560	ARMADALE WY	1.0	13.6' EWLL, Back of Walk	13.6 EWLL	
2478	11903130010000	4580	MANACOR DR	1.0	Same & Back of Walk	28.3 EWLL	
2479	11903130020000	4570	MANACOR DR	1.0	Same & Back of Walk	27.8 EWLL	
2480	11903130030000	4560	MANACOR DR	1.0	29' WELL - 7 1/2' SSC of Manacor		
2481	11903130040000	4550	MANACOR DR	1.0	Same & Back of Walk	27.8 EWLL	
2482	11903130050000	4540	MANACOR DR	1.0	Same & Back of Walk	36.5 EWLL	
2483	11903130060000	7957	ORENZA WY	1.0	Same & Back of Walk	46.2 NSLL	
2484	11903140010000	7958	DEER CREEK DR	1.0	Same & Back of Walk	40.8 SNLL	
2485	11903140020000	7960	DEER CREEK DR	1.0	Same & Back of Walk	26.3 SNLL	
2486	11903140030000	7962	DEER CREEK DR	1.0	Same & Back of Walk	34.9 NSLL	
2487	11903140040000	4435	BLACKFORD WY	1.0	Same & Back of Walk	39.3 EWLL	
2488	11903140050000	4425	BLACKFORD WY				
2489	11903140060000	4415	BLACKFORD WY	1.0	Same & Back of Walk	38.2 EWLL	
2490	11903140070000	6	GRANGE CT	1.0	Same & Back of Walk	12.5 SNLL	
2491	11903140080000	10	GRANGE CT	1.0	Same & Back of Walk	16.2 EWLL	
2492	11903150010000	4425	ARMADALE WY	1.0	27.7' WELL, Back of Walk	27.7 EWLL	
2493	11903150020000	4410	BLACKFORD WY	1.0	Same & Back of Walk	27.5 EWLL	
2494	11903150030000	4420	BLACKFORD WY	1.0	Same & Back of Walk	28.6 EWLL	
2495	11903150040000	7970	DEER CREEK DR	1.0	Same & Back of Walk	36.1 NSLL	
2496	11903150050000	7972	DEER CREEK DR	1.0	Same & Back of Walk	31.2 NSLL	
2497	11903150060000	7974	DEER CREEK DR	1.0	Same & Back of Walk	38.6 SNLL	
2498	11903150070000	4445	ARMADALE WY	1.0	25.2' EWLL, Back of Walk	25.2 EWLL	
2499	11903150080000	4435	ARMADALE WY	1.0	31' WELL, Back of Walk	31 WELL	
2500	11903160010000	1	KINGHORN CT	1.0	Same & Back of Walk	33.2 SNLL	
2501	11903160020000	5	KINGHORN CT				
2502	11903160030000	9	KINGHORN CT	1.0	Same & Back of Walk	13 NSLL	
2503	11903160040000	15	KINGHORN CT	1.0	Same & Back of Walk	15.8 WELL	
2504	11903160050000	10	KINGHORN CT	1.0	Same & Back of Walk	9.3 WELL	
2505	11903160060000	6	KINGHORN CT	1.0	161' NNC of Linras Way - Behind sidewalk		
2506	11903160070000	4495	LINERAS WY	1.0	Same & Back of Walk	25.1 WELL	
2507	11903160080000	4505	LINERAS WY	1.0	Same & Back of Walk	32.1 WELL	
2508	11903160090000	4515	LINERAS WY	1.0	Same & Back of Walk	51 EWLL	
2509	11903160100000	7952	ORENZA WY	1.0	Same & Back of Walk	24.5 SNLL	
2510	11903160110000	7948	ORENZA WY	1.0	Same & Back of Walk	24.6 SNLL	
2511	11903160120000	7944	ORENZA WY	1.0	Same & Back of Walk	36.8 EWLL	
2512	11903160130000	4490	MONTRIL WY	1.0			
2513	11903160140000	4480	MONTRIL WY	1.0	Same & Back of Walk	32.5 WELL	
2514	11903160150000	4470	MONTRIL WY	1.0	Same & Back of Walk	27.5 EWLL	
2515	11903160160000	4460	MONTRIL WY	1.0	Same & Back of Walk	34.5 EWLL	
2516	11903160170000	4450	MONTRIL WY	1.0	Same & Back of Walk	11.2 EWLL	
2517	11903160180000	4440	MONTRIL WY	1.0	8' SSC, 11' EWLL in box	16 NSC, 11 EWLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2518	11903170010000	4430	ARMADALE WY	1.0	31.9' EWLL, Back of Walk	31.9 EWLL	
2519	11903170020000	4445	MONTRIL WY	1.0		22 EWLL, 16 SNC	
2520	11903210010000	4390	ARDWELL WY	1.0	34.6' EWLL, Back of Walk	34.6 EWLL	
2521	11903220010000	7979	LA CORUNA DR				
2522	11903220020000	7975	LA CORUNA DR	1.0	Same & Back of Walk	29.8 SNLL	
2523	11903220030000	7971	LA CORUNA DR	1.0	Same & Back of Walk	33.7 SNLL	
2524	11903220040000	7982	CACERES WY	1.0	Same & Back of Walk	30.2 SNLL	
2525	11903220050000	7986	CACERES WY	1.0	Same & Back of Walk	27.6 SNLL	
2526	11903220060000	7990	CACERES WY	1.0	Same & Back of Walk	32 SNLL	
2527	11903220070000	7994	CACERES WY	1.0	Same & Back of Walk	23.7 SNLL	
2528	11903220080000	7998	CACERES WY	1.0	Same & Back of Walk	19.2 SNLL	
2529	11903220090000	7987	LA CORUNA DR	1.0	Same & Back of Walk	32.2 SNLL	
2530	11903220100000	7983	LA CORUNA DR	1.0	Same & Back of Walk	23.3 SNLL	
2531	11903230010000	4450	LINERAS WY	1.0	Same & Back of Walk	19.8 WELL	
2532	11903230020000	4460	LINERAS WY				
2533	11903230030000	4470	LINERAS WY	1.0	Same & Back of Walk	37.3 WELL	
2534	11903230040000	4480	LINERAS WY	1.0	Same & Back of Walk	22.6 EWLL	
2535	11903230050000	4490	LINERAS WY	1.0	37.2' WELL & Back of Walk	37.2 WELL	
2536	11903230060000	4500	LINERAS WY	1.0	28' EWLL, 9' SSC of Lineras Wy in box		
2537	11903230070000	4510	LINERAS WY	1.0	Same & Back of Walk	29.5 EWLL	
2538	11903230080000	4520	LINERAS WY	1.0	Same & Back of Walk	48 EWLL	
2539	11903230090000	4545	SAN SEBASTIAN WY	1.0	Same & Back of Walk	56.9 EWLL	
2540	11903230100000	4535	SAN SEBASTIAN WY	1.0	Same & Back of Walk	35.9 EWLL	
2541	11903230110000	4525	SAN SEBASTIAN WY	1.0	Same & Back of Walk	33.3 EWLL	
2542	11903230120000	4515	SAN SEBASTIAN WY	1.0	Same & Back of Walk	29.7 EWLL	
2543	11903230130000	4505	SAN SEBASTIAN WY	1.0	Same & Back of Walk	22.3 EWLL	
2544	11903230140000	4495	SAN SEBASTIAN WY	1.0	Same & Back of Walk	29.6 EWLL	
2545	11903230150000	4485	SAN SEBASTIAN WY	1.0	Same & Back of Walk	11 EWLL	
2546	11903230160000	4475	SAN SEBASTIAN WY	1.0	Same & Back of Walk	21.3 EWLL	
2547	11903230170000	4465	SAN SEBASTIAN WY	1.0	Same & Back of Walk	37.7 WELL	
2548	11903240010000	7961	ORENZA WY	1.0	Same & Back of Walk	23.4 SNLL	
2549	11903240020000	7965	ORENZA WY	1.0	Same & Back of Walk	23 SNLL	
2550	11903240030000	4555	SAN SEBASTIAN WY	1.0	Same & Back of Walk	31.9 EWLL	
2551	11903240040000	4565	SAN SEBASTIAN WY	1.0	1) 8' NNC, 28' EWLL IN S/P (7/11/06) 2) 8' NNC, 28' EWLL IN S/P (7/2/06) 3) 30' WELL - 8' NNC in SP (8/18/06) 4) 8' NNC - 28' WEPL in box (7/17/06) 5) 29' WELL, 8' NNC in Box	27.2 EWLL	
2552	11903240050000	4575	SAN SEBASTIAN WY	1.0	Same & Back of Walk	26.4 EWLL	
2553	11903240060000	4585	SAN SEBASTIAN WY	1.0	Same & Back of Walk	25.6 EWLL	
2554	11903240070000	4595	SAN SEBASTIAN WY	1.0	22.3' EWLL, Back of Walk	22.3 EWLL	
2555	11903240080000	4590	SAN SEBASTIAN WY	1.0	Same & Back of Walk	33.8 EWLL	
2556	11903240090000	4580	SAN SEBASTIAN WY	1.0	Same & Back of Walk	26.9 EWLL	
2557	11903240100000	4570	SAN SEBASTIAN WY	1.0	same & Back of Walk	31.6 EWLL	
2558	11903240110000	4560	SAN SEBASTIAN WY	1.0	Same & Back of Walk	40.5 WELL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2559	11903240120000	1	ALCALA CT	1.0	34.2' WELL, Back of Walk	34.2 WELL	
2560	11903240130000	5	ALCALA CT	1.0	30.3' EWL, Back of Walk	30.3 EWL	
2561	11903240140000	9	ALCALA CT	1.0	31.5' EWL, Back of Walk	31.5 EWL	
2562	11903240150000	15	ALCALA CT	1.0	16' EWL, Back of Walk	16 EWL	
2563	11903240160000	14	ALCALA CT	1.0	16.2' EWL, Back of Walk	16.2 EWL	
2564	11903240170000	10	ALCALA CT	1.0	28.2' EWL, Back of Walk	28.2 EWL	
2565	11903240180000	6	ALCALA CT	1.0	227.8' EWL, Back of Walk	27.8 EWL	
2566	11903240190000	2	ALCALA CT	1.0	36' WELL, Back of Walk	36 WELL	
2567	11903240200000	4605	VALLEY HI DR	1.0	Same & Back of Walk	47.8 WELL	
2568	11903240210000	4615	VALLEY HI DR	1.0	Same & Back of Walk	28.5 EWL	
2569	11903240220000	4625	VALLEY HI DR	1.0	Same & Back of Walk	29.6 EWL	
2570	11903240230000	4645	VALLEY HI DR	1.0	Same & Back of Walk	40.1 EWL	
2571	11903250010000	4550	SAN SEBASTIAN WY	1.0	Same & Back of Walk	36.9 EWL	
2572	11903250020000	7982	ORENZA WY	1.0	Same & Back of Walk	20.7 NSLL	
2573	11903250030000	7986	ORENZA WY	1.0	47' NSLL, 9' WWC in box	47 NSLL, 15 EWC	
2574	11903250040000	7990	ORENZA WY	1.0	39' NSLL, Back of Walk	38 NSLL	
2575	11903250050000	4555	VALLEY HI DR	1.0	Same & Back of Walk	30.6 EWL	
2576	11903250060000	4545	VALLEY HI DR	1.0	Same & Back of Walk	15.9 EWL	
2577	11903250070000	4535	VALLEY HI DR	1.0	Same & Back of Walk	25.6 EWL	
2578	11903250080000	4525	VALLEY HI DR	1.0	37' WELL - 9' NNC of Valley Hi Dr	22 EWL	
2579	11903250090000	4515	VALLEY HI DR	1.0	Same & Back of Walk	25 EWL	
2580	11903250100000	4505	VALLEY HI DR	1.0	Same & Back of Walk	25.4 EWL	
2581	11903250110000	4495	VALLEY HI DR	1.0	29' EWL Back of Walk		
2582	11903250120000	4485	VALLEY HI DR	1.0	Same & Back of Walk	33.2 EWL	
2583	11903250130000	4475	VALLEY HI DR	1.0	Same & Back of Walk	26.2 EWL	
2584	11903250140000	4465	VALLEY HI DR	1.0	Same & Back of Walk	17.6 EWL	
2585	11903250150000	4455	VALLEY HI DR	1.0	Same & Back of Walk	23.6 EWL	
2586	11903250160000	4445	VALLEY HI DR	1.0	Same & Back of Walk	49.5 WELL	
2587	11903250170000	4420	SAN SEBASTIAN WY	1.0	Same & Back of Walk	34.4 WELL	
2588	11903250180000	4430	SAN SEBASTIAN WY	1.0	Same & Back of Walk	29.7 EWL	
2589	11903250190000	4440	SAN SEBASTIAN WY	1.0	Same & Back of Walk	33.5 WELL	
2590	11903250200000	4450	SAN SEBASTIAN WY	1.0	Same & Back of Walk	28 EWL	
2591	11903250210000	4460	SAN SEBASTIAN WY	1.0	Same & Back of Walk	31.6 EWL	
2592	11903250220000	4470	SAN SEBASTIAN WY	1.0	Same & Back of Walk	31.6 EWL	
2593	11903250230000	4480	SAN SEBASTIAN WY	1.0	Same & Back of Walk	27.4 EWL	
2594	11903250240000	4490	SAN SEBASTIAN WY	1.0	Same & Back of Walk	29.3 EWL	
2595	11903250250000	4500	SAN SEBASTIAN WY	1.0	Same & Back of Walk	28 WELL	
2596	11903250260000	4510	SAN SEBASTIAN WY	1.0	Same & Back of Walk	31.2 EWL	
2597	11903250270000	4520	SAN SEBASTIAN WY	1.0	Same & Back of Walk	22.3 EWL	
2598	11903250280000	4530	SAN SEBASTIAN WY	1.0	Same & Back of Walk	30.1 EWL	
2599	11903250290000	4540	SAN SEBASTIAN WY	1.0	Same & Back of Walk	28.4 EWL	
2600	11903260010000	8020	TORRENTE WY	1.0	Same & Back of Walk	45.4 NSLL	
2601	11903270010000	4530	VALLEY HI DR	1.0	Same & Back of Walk	33.6 EWL	
2602	11903270020000	4520	VALLEY HI DR	1.0	Same & Back of Walk	36.6 WELL	
2603	11903270030000	4510	VALLEY HI DR	1.0	Same & Back of Walk	35.2 EWL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2604	11903270040000	4500	VALLEY HI DR	1.0	Same & Back of Walk	31.6 WELL	
2605	11903270050000	4490	VALLEY HI DR	1.0	Same & Back of Walk	24.3 EWLL	
2606	11903270060000	4480	VALLEY HI DR	1.0	Same & Back of Walk	30.1 EWLL	
2607	11903270070000	4470	VALLEY HI DR	1.0	Same & Back of Walk	23.1 EWLL	
2608	11903270080000	4460	VALLEY HI DR	1.0	Same & Back of Walk	42 WELL	
2609	11903280010000	4510	VALVERDE WY	1.0	Same & Back of Walk	24.8 NSLL	
2610	11903280020000	4550	VALLEY HI DR	1.0	Same & Back of Walk	56.7 WELL	
2611	11903280030000	4590	VALLEY HI DR	1.0	Same & Back of Walk	22.2 EWLL	
2612	11903280040000	4600	VALLEY HI DR	1.0	Same & Back of Walk	37.8 EWLL	
2613	11903290010000	4650	VALLEY HI DR	1.0	Same & Back of Walk	44.8 EWLL	
2614	11903290020000	8001	LA SOLANA WY				
2615	11903300010000	3715	ANDROS WY	1.0	Same & Back of Walk	18 WELL	
2616	11903300020000	3725	ANDROS WY	1.0	Same & Back of Walk	21 EWLL	
2617	11903300030000	3735	ANDROS WY	1.0		27 EWLL	
2618	11903300040000	3745	ANDROS WY	1.0	Same & Back of Walk	28 EWLL	
2619	11903300050000	3755	ANDROS WY	1.0	Same & Back of Walk	27 EWLL	
2620	11903300060000	3765	ANDROS WY	1.0	Same & Back of Walk	25 EWLL	
2621	11903300070000	3777	ANDROS WY				
2622	11903300080000	3783	ANDROS WY		1) 25' NSLL, 6' WWVC in c/s box (06/22/07)		
2623	11903300090000	3789	ANDROS WY	1.0	Same & Back of Walk	18 NSLL	
2624	11903300100000	3795	ANDROS WY	1.0	Same & Back of Walk	48 SNLL	
2625	11903300110000	7624	NIXOS WY	1.0	Same & Back of Walk	27 WELL	
2626	11903300120000	7620	NIXOS WY	1.0	Same & Back of Walk	32 EWLL	
2627	11903300130000	7625	NIXOS WY	1.0	Same & Back of Walk	44 EWLL	
2628	11903300140000	7629	NIXOS WY	1.0	Same & Back of Walk	50 SNLL	
2629	11903300150000	7633	NIXOS WY	1.0	45' NSLL & 3' Behind Sidewalk in valve box		
2630	11903300160000	7637	NIXOS WY	1.0	Same & Back of Walk	36 SNLL	
2631	11903300170000	9	PATMOS CT	1.0	Same & Back of Walk	37 EWLL	
2632	11903300180000	15	PATMOS CT	2.0	13' EEC - 224' SSC of Nixos Way	230 SSC of Nixos - 47 WEC of Mack Road	
2633	11903300190000	14	PATMOS CT	1.0	Same & Back of Walk	12 EWLL	
2634	11903300200000	10	PATMOS CT	1.0	Same & Back of Walk	33 EWLL	
2635	11903300210000	6	PATMOS CT	1.0	Same & Back of Walk	31 WELL	
2636	11903300220000	2	PATMOS CT	1.0	Same & Back of Walk	33 WELL	
2637	11903300240000	7650	NIXOS WY	1.0	Same & Back of Walk	27 SNLL	
2638	11903300250000	7646	NIXOS WY	1.0	Same & Back of Walk	30 SNLL	
2639	11903300260000	7642	NIXOS WY	1.0	Same & Back of Walk	27 SNLL	
2640	11903300270000	7638	NIXOS WY	1.0	Same & Back of Walk	28 SNLL	
2641	11903300280000	7634	NIXOS WY	1.0	Same & Back of Walk	22 SNLL	
2642	11903300290000	7630	NIXOS WY	1.0	Same & Back of Walk	28 NSLL	
2643	11903300300000	7627	SKIROS WY		Same & Back of Walk	46 NSLL	
2644	11903300310000	7633	SKIROS WY	1.0	Same & Back of Walk	42 SNLL	
2645	11903300320000	7637	SKIROS WY	1.0	Same & Back of Walk	33 SNLL	
2646	11903300330000	7641	SKIROS WY	1.0	Same & Back of Walk	27 SNLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2647	11903300340000	7645	SKIROS WY	1.0	Same & Back of Walk	26 SNLL	
2648	11903300350000	7649	SKIROS WY	1.0	Same & Back of Walk	27 SNLL	
2649	11903300360000	7653	SKIROS WY	1.0	Same & Back of Walk	27 SNLL	
2650	11903300370000	7657	SKIROS WY	1.0	Same & Back of Walk	32 SNLL	
2651	11903300380000	7656	SKIROS WY	1.0	Same & Back of Walk	33 SNLL	
2652	11903300390000	7652	SKIROS WY	1.0	Same & Back of Walk	25 NSLL	
2653	11903300400000	6			1) 24' EWLL, 10' SSC in box (1/17/06) 2) 24' EWLL, 9' SSC in s/p (1/14/06) 3) Same & Back of Walk		
2654	11903300410000	10	LESBOS CT	1.0	Same & Back of Walk	24 EWLL	
2655	11903300420000	14	LESBOS CT	1.0	Same & Back of Walk	27 EWLL	
2656	11903300430000	18	LESBOS CT	1.0	Same & Back of Walk	27 EWLL	
2657	11903300440000	19	LESBOS CT	1.0	Same & Back of Walk	3 NSLL	
2658	11903300450000	15	LESBOS CT	1.0	Same & Back of Walk	6 SNLL	
2659	11903300460000	9	LESBOS CT	1.0	Same & Back of Walk	27 EWLL	
2660	11903300470000	5	LESBOS CT	1.0	29' WELL - 8' NNC	43 EWLL	
2661	11903300480000	7646	SKIROS WY	1.0	Same & Back of Walk	30 SNLL	
2662	11903300490000	7642	SKIROS WY	1.0	Same & Back of Walk	30 SNLL	
2663	11903300500000	7638	SKIROS WY	1.0	Same & Back of Walk	25 SNLL	
2664	11903300510000	6	LEROS CT	1.0	32' WELL, 10' SSC in Box	28 NSLL	
2665	11903300520000	10	LEROS CT	1.0	Same & Back of Walk	27 EWLL	
2666	11903300530000	14	LEROS CT	1.0	Same & Back of Walk	37 EWLL	
2667	11903300540000	18	LEROS CT	1.0	Same & Back of Walk	21 EWLL	
2668	11903300550000	19	LEROS CT	1.0	Same & Back of Walk	EPL	
2669	11903300560000	15	LEROS CT	1.0	35 1/2' WELL - 15' SSC of Cul De Sac	EPL	
2670	11903300570000	9	LEROS CT	1.0	Same & Back of Walk	42 EWLL	
2671	11903300580000	5	LEROS CT	1.0	32' WELL, 4 1/2' Behind Walk in S/P	33 EWLL	
2672	11903300590000	7634	SKIROS WY	1.0	Same & Back of Walk	26 SNLL	
2673	11903300600000	7630	SKIROS WY	1.0	Same & Back of Walk	18 SNLL	
2674	11903300610000	7626	SKIROS WY	1.0	Same & Back of Walk	27 NSLL	
2675	11903300620000	3760	ANDROS WY	1.0	Same & Back of Walk	26 EWLL	
2676	11903300630000	3750	ANDROS WY	1.0	Same & Back of Walk	26 EWLL	
2677	11903300640000	3740	ANDROS WY	1.0	Same & Back of Walk	30 EWLL	
2678	11903300650000	3730	ANDROS WY	1.0	38' WELL - 8' SSC	36 EWLL	
2679	11903300660000	3720	ANDROS WY	1.0	Same & Back of Walk	18 WELL	
2680	11903300710000	7654	NIXOS WY	1.0	Same & Back of Walk	27 SNLL	
2681	11903400010000	3885	SAMOS WY	1		City work order associated an address with a repair to a 6" GV. This is not a 6" service, it's a 1" service.	
2682	11903400020000	3875	SAMOS WY	1.0	24' EWLL - 7' NNC in s/p		
2683	11903400030000	3865	SAMOS WY	1.0	Same & Back of Walk	30 EWLL	
2684	11903400040000	7657	NIXOS WY	1.0	Same & Back of Walk	27 SNLL	
2685	11903400050000	7661	NIXOS WY	1.0	Same & Back of Walk	26 SNLL	
2686	11903400080000	7661	SKIROS WY	1.0	Same & Back of Walk	30 SNLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2687	11903400090000	7665	SKIROS WY	1.0	Same & Back of Walk	26 SNLL	
2688	11903400100000	7664	SKIROS WY	1.0	Same & Back of Walk	27 SNLL	
2689	11903400110000	7660	SKIROS WY	1.0	Same & Back of Walk	33 SNLL	
2690	11903400120000	3765	SAMOS WY	1.0	Same & Back of Walk	28 EWLL	
2691	11903400130000	3755	SAMOS WY	1.0	1) 27' well - 2' nnc (9/25/06) 2) Same & Back of Walk	1) 27 well - 15 snc (9/25/06) 2) 28 EWLL	
2692	11903400140000	3745	SAMOS WY	1.0	36' WELL, Behind Sidewalk		
2693	11903400150000	3735	SAMOS WY	1.0	13' WELL, 7' NNC in Cast iron box	23 NSC, 38 EWC	
2694	11903400160000	3740	SAMOS WY	1.0	9' WELL - 10 1/2' SSC of Samos		
2695	11903400180000	3750	SAMOS WY	1.0	1) 33' well - 1' ssc (8/21/06) 2) Same & Back of Walk	1) 33 well - 14 nsc (8/21/06) 2) 37 EWLL	
2696	11903400190000	3760	SAMOS WY	1.0	Same & Back of Walk	25 EWLL	
2697	11903400200000	3770	SAMOS WY	1.0	Same & Back of Walk	25 EWLL	
2698	11903400210000	3780	SAMOS WY	1.0	30' WELL - 8' SSC of Samos in S/P 25' EWLL in Driveway	28 EWLL	
2699	11903400220000	3790	SAMOS WY	1.0	Same & Back of Walk	30 EWLL	
2700	11903400230000	3800	SAMOS WY	1.0	Same & Back of Walk	27 EWLL	
2701	11903400240000	3810	SAMOS WY	1.0	6' SSC, 27' EWLL	27 EWLL	
2702	11903400250000	3820	SAMOS WY	1.0	Same & Back of Walk	27 EWLL	
2703	11903400260000	3830	SAMOS WY	1.0	Same & Back of Walk	26 EWLL	
2704	11903400270000	3840	SAMOS WY	1.0	Same & Back of Walk	30 EWLL	
2705	11903400280000	3850	SAMOS WY	1.0	9' EEC of Samos 32' NSLL of 3850 Samos	113 NNC of Nixos way 16 EWC of Samos	
2706	11903400290000	3860	SAMOS WY	1.0	Same & Back of Walk	29 EWLL	
2707	11903400300000	3870	SAMOS WY	1.0	Same & Back of Walk	30 EWLL	
2708	11903400310000	3880	SAMOS WY	1.0	Same & Back of Walk	27 EWLL	
2709	11903400340000	7658	NIXOS WY	1.0	1) 29' NSLL, 10' WWC in box (9/20/05) 2) 26' SNLL, 10' WWC in S/P (09/12/05) 3) 26' SNLL Back of Walk	26 SNLL	
2710	11903400350000	7662	NIXOS WY	1.0	Same & Back of Walk	24 SNLL	
2711	11903510010000	4134	FAWN CR				
2712	11903510020000	4128	FAWN CR				
2713	11903510030000	4122	FAWN CR				
2714	11903510040000	4116	FAWN CR				
2715	11903510050000	4110	FAWN CR				
2716	11903510060000	4104	FAWN CR				
2717	11903510070000	4098	FAWN CR				
2718	11903510080000	4092	FAWN CR				
2719	11903510090000	4086	FAWN CR				
2720	11903510100000	4080	FAWN CR				
2721	11903510110000	4074	FAWN CR				
2722	11903510120000	4068	FAWN CR	1.0	34' EEC of Deer Valley, 7 1/2' SSC of Fawn Cr & 35' WELL		
2723	11903520010000	4056	FAWN CR	1.0	28' EWLL - 8' SSC in box		
2724	11903520020000	4050	FAWN CR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2725	11903520030000	4044	FAWN CR				
2726	11903520040000	4038	FAWN CR				
2727	11903520050000	4032	FAWN CR	1.0	17' EWLL, 7' SSC of Fawn Cr		
2728	11903520060000	4026	FAWN CR				
2729	11903520070000	4020	FAWN CR	1.0	27' SNLL, 11' WWC in box		
2730	11903520080000	4014	FAWN CR				
2731	11903520090000	4008	FAWN CR	1.0	25' SNLL - 7' WWC (In Standpipe) 35' SSC of Deer Hill - 7' WWC of Fawn Circle in Standpipe 31' NSLL		
2732	11903520100000	4002	FAWN CR	1.0			
2733	11903520110000	7881	DEER LAKE DR				
2734	11903520120000	7885	DEER LAKE DR				
2735	11903520130000	7889	DEER LAKE DR		32' NSLL, 8' EEC		
2736	11903520140000	7893	DEER LAKE DR				
2737	11903520150000	7897	DEER LAKE DR				
2738	11903520160000	7901	DEER LAKE DR	1.0	42'WELL, 7'NNC in c/s box		
2739	11903530050000	7886	DEER LAKE DR				
2740	11903530060000	7882	DEER LAKE DR				
2741	11903530070000	7880	DEER LAKE DR				
2742	11903530080000	3915	DEER HILL DR				
2743	11903530090000	3929	DEER HILL DR				
2744	11903530100000	3943	DEER HILL DR		31' WELL - 7' NNC - 17' EWLL		
2745	11903530110000	3957	DEER HILL DR				
2746	11903530120000	3971	DEER HILL DR				
2747	11903530130000	3985	DEER HILL DR				
2748	11903530140000	4005	DEER HILL DR		21' EWLL - 7' NNC in Standpipe		
2749	11903530150000	4015	DEER HILL DR	1.0	26'EWLL-6'NNC /DeerHill Dr		
2750	11903530160000	4025	DEER HILL DR		30 1/2' WELL - 6 1/2' WWC of Deer hill		
2751	11903530170000	4035	DEER HILL DR				
2752	11903530180000	4045	DEER HILL DR				
2753	11903530190000	4055	DEER HILL DR		1) 18' EWLL, 6' NNC IN BOX (8/28/06) 2) 23' EWLL - 7' NNC of Deer Hill Drive		
2754	11903530200000	4065	DEER HILL DR	1.0			
2755	11903530210000	4075	DEER HILL DR		1) 33' WELL, 8' NNC in box (1/29/06) 2) 33' WELL, 8' NNC of Deer Hill Dr. in s/p (1/28/06)		
2756	11903530220000	4085	DEER HILL DR	1.0	3) 28' EWLL, 8' NNC, 33' WELL in S/P		
2757	11903530230000	4095	DEER HILL DR				
2758	11903530240000	4105	DEER HILL DR				
2759	11903530250000	4115	DEER HILL DR		16' EWLL - 7' NNC of Deer Hill		
2760	11903530260000	4125	DEER HILL DR				
2761	11903530270000	4120	DEERBROOK DR				
2762	11903530280000	4110	DEERBROOK DR				
2763	11903530290000	4100	DEERBROOK DR				
2764	11903530300000	4090	DEERBROOK DR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2765	11903530310000	4080	DEERBROOK DR				
2766	11903530320000	4070	DEERBROOK DR				
2767	11903530330000	4060	DEERBROOK DR				
2768	11903530340000	4050	DEERBROOK DR				
2769	11903530350000	4040	DEERBROOK DR		1) 23' ewll, 7' SSC (2/4/070)		
2770	11903530360000	4030	DEERBROOK DR		2) 7' ssc - 22' ewll in box (2/6/07)		
2771	11903530370000	4020	DEERBROOK DR		31' WELL, 7' SSC in standpipe		
2772	11903530380000	4010	DEERBROOK DR		22' EWLL - 7' SSC in box		
2773	11903530390000	3996	DEERBROOK DR				
2774	11903530400000	3982	DEERBROOK DR				
2775	11903530410000	3968	DEERBROOK DR				
2776	11903530420000	3954	DEERBROOK DR				
2777	11903530430000	3940	DEERBROOK DR				
2778	11903530440000	3926	DEERBROOK DR				
2779	11903530450000	3912	DEERBROOK DR				
2780	11903530540000	7898	DEER LAKE DR				
2781	11903530570000	7890	DEER LAKE DR				
2782	11903530590000	7894	DEER LAKE DR				
2783	11903530610000	7900	DEER LAKE DR	1.0			
2784	11903540010000	4133	FAWN CR		41' SSC of Deer Hill Dr 8' WWC of Fawn Cir	41 SSC of Deer Hill Dr 15 EWC of Fawn Cir	
2785	11903540020000	4127	FAWN CR		in box		
2786	11903540030000	4121	FAWN CR				
2787	11903540040000	4085	FAWN CR				
2788	11903540050000	4079	FAWN CR				
2789	11903540060000	4073	FAWN CR				
2790	11903540070000	4067	FAWN CR				
2791	11903540080000	4061	FAWN CR				
2792	11903540090000	4055	FAWN CR				
2793	11903540100000	4049	FAWN CR				
2794	11903540110000	4043	FAWN CR				
2795	11903540120000	4037	FAWN CR				
2796	11903540130000	4010	DEER HILL DR				
2797	11903540140000	4020	DEER HILL DR				
2798	11903540150000	4030	DEER HILL DR	1.0	27'EWLL-28'WELL-7'SSC		
2799	11903540160000	4040	DEER HILL DR	1.0	25 1/2' EWLL, 8' SSC in C/S box		
2800	11903540170000	4050	DEER HILL DR				
2801	11903540180000	4060	DEER HILL DR				
2802	11903540190000	4070	DEER HILL DR				
2803	11903540200000	4080	DEER HILL DR				
2804	11903540210000	4090	DEER HILL DR				
2805	11903540220000	4100	DEER HILL DR				
2806	11903610010000	3903	DEER RUN WY		18' SNLL, 8' WWC of Deer Run		
2807	11903610020000	3909	DEER RUN WY				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2808	11903610030000	3915	DEER RUN WY				
2809	11903610040000	3921	DEER RUN WY	0.75	23' SNLL 7' WWC in SP		
2810	11903610050000	3927	DEER RUN WY				
2811	11903610060000	3933	DEER RUN WY		25' SNLL, 7' WWC in standpipe		
2812	11903610070000	3939	DEER RUN WY				
2813	11903610080000	3945	DEER RUN WY				
2814	11903610090000	3951	DEER RUN WY		24' SNLL - 7' WWC of Deer Run Way in c/s box		
2815	11903610100000	3957	DEER RUN WY	1.0			
2816	11903610110000	3963	DEER RUN WY				
2817	11903610120000	3969	DEER RUN WY				
2818	11903610130000	3975	DEER RUN WY				
2819	11903610140000	3981	DEER RUN WY				
2820	11903610150000	3987	DEER RUN WY				
2821	11903610160000	3993	DEER RUN WY	1.0	1) 18' EWLL, 6' NNC (12/19/05) 2) 27' WELL, 19' EWLL, 5' NNC, of Deer Run in s/p (12/15/05) 3) 18' EWLL - 5' NNC 21' EWLL, 7' NNC		
2822	11903610170000	3999	DEER RUN WY				
2823	11903610180000	4005	DEER RUN WY				
2824	11903610190000	4015	DEER RUN WY				
2825	11903610200000	4025	DEER RUN WY				
2826	11903610210000	4035	DEER RUN WY				
2827	11903610220000	4045	DEER RUN WY				
2828	11903610230000	4055	DEER RUN WY				
2829	11903610240000	4065	DEER RUN WY				
2830	11903610250000	4075	DEER RUN WY	1.0	1) 30' well - 6' nnc (6/18/07) 2) 27' ewll - 7' nnc (1/29/07) 3) 29' WELL - 7' NNC of address (10/9/06) 4) 26' EWLL - 7' NNC of Deer Run Way		
2831	11903610260000	4085	DEER RUN WY				
2832	11903620010000	4080	DEER RUN WY				
2833	11903620020000	4070	DEER RUN WY				
2834	11903620030000	4060	DEER RUN WY	1.0	24' EWLL, 29' WELL, 7' SSC in box	24 EWLL, 29 WELL, 24 NSC	
2835	11903620040000	4050	DEER RUN WY				
2836	11903620050000	4040	DEER RUN WY				
2837	11903620060000	4030	DEER RUN WY				
2838	11903620070000	4020	DEER RUN WY				
2839	11903620080000	4010	DEER RUN WY				
2840	11903620090000	4000	DEER RUN WY				
2841	11903620100000	3990	DEER RUN WY				
2842	11903620110000	3975	DEER TRAIL WY				
2843	11903620120000	3985	DEER TRAIL WY				
2844	11903620130000	4005	DEER TRAIL WY				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2845	11903620140000	4015	DEER TRAIL WY				
2846	11903620150000	4025	DEER TRAIL WY				
2847	11903620160000	4035	DEER TRAIL WY				
2848	11903620170000	4045	DEER TRAIL WY				
2849	11903620180000	4055	DEER TRAIL WY				
2850	11903620190000	4065	DEER TRAIL WY				
2851	11903620200000	4075	DEER TRAIL WY				
2852	11903630010000	4080	DEER TRAIL WY				
2853	11903630020000	4070	DEER TRAIL WY	1.0	25' EWLL 6' SSC 31' WELL		
2854	11903630030000	4060	DEER TRAIL WY		24' EWLL - 6' SSC in box (5/12/06)		
2855	11903630040000	4050	DEER TRAIL WY				
2856	11903630050000	4040	DEER TRAIL WY	1.0	18' EWLL - 6' SSC of Street		
2857	11903630060000	4030	DEER TRAIL WY	1.0	24' EWLL - 7' SSC in Standpipe		
2858	11903630070000	4020	DEER TRAIL WY				
2859	11903630080000	4010	DEER TRAIL WY				
2860	11903630090000	4000	DEER TRAIL WY				
2861	11903630100000	3990	DEER TRAIL WY	1.0	24' EWLL - 7' SSC of Deer Trail	25 EWLL - 15 NSC of Deer Trail	
2862	11903630110000	3980	DEER TRAIL WY				
2863	11903630120000	3970	DEER TRAIL WY				
2864	11903630130000	3940	DEER RUN WY				
2865	11903630140000	3934	DEER RUN WY				
2866	11903630150000	3928	DEER RUN WY		29' SNPL - 7' EEC in Standpipe		
2867	11903630160000	3922	DEER RUN WY				
2868	11903630170000	3916	DEER RUN WY				
2869	11903630180000	3910	DEER RUN WY	1	38' SNLL 11' EEC of Deer Run in box		Work order history shows a c/s that was turned off/on by City crews. Not a 6" tap.
2870	11903630190000	3971	BLACK TAIL DR				
2871	11903630200000	3977	BLACK TAIL DR				
2872	11903630210000	3983	BLACK TAIL DR				
2873	11903630220000	3989	BLACK TAIL DR				
2874	11903630230000	3995	BLACK TAIL DR				
2875	11903630240000	4005	BLACK TAIL DR				
2876	11903630250000	4015	BLACK TAIL DR				
2877	11903630260000	4025	BLACK TAIL DR				
2878	11903630270000	4035	BLACK TAIL DR				
2879	11903630280000	4045	BLACK TAIL DR				
2880	11903630290000	4055	BLACK TAIL DR				
2881	11903630300000	4065	BLACK TAIL DR	1.0	26' WELL, 7' NNC		
2882	11903630310000	4075	BLACK TAIL DR				
2883	11903630320000	4085	BLACK TAIL DR				
2884	11903640010000	4090	BLACK TAIL DR				
2885	11903640020000	4080	BLACK TAIL DR				
2886	11903640030000	4070	BLACK TAIL DR				
2887	11903640040000	4060	BLACK TAIL DR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2888	11903640050000	4050	BLACK TAIL DR				
2889	11903640060000	4040	BLACK TAIL DR				
2890	11903640070000	4030	BLACK TAIL DR				
2891	11903640080000	4020	BLACK TAIL DR				
2892	11903640090000	4010	BLACK TAIL DR				
2893	11903640100000	4015	DEERBROOK DR	1.0	43' WELL, 9' NNC in box	19 SNC, 43 WELL	
2894	11903640110000	4025	DEERBROOK DR				
2895	11903640120000	4035	DEERBROOK DR				
2896	11903640130000	4045	DEERBROOK DR	1.0	7' NNC, 25' EWLL in box	17 SNC, 25 EWLL	
2897	11903640140000	4055	DEERBROOK DR				
2898	11903640150000	4065	DEERBROOK DR	1.0	34' WELL, 22' EWLL, 7' NNC of Deerbroom Dr in c/s box		
2899	11903640160000	4075	DEERBROOK DR				
2900	11903640170000	4085	DEERBROOK DR				
2901	11903640180000	4095	DEERBROOK DR				
2902	11903640190000	4105	DEERBROOK DR				
2903	11903640200000	4115	DEERBROOK DR				
2904	11903640210000	4125	DEERBROOK DR				
2905	11903700010000	4380	ARDWELL WY	1.0	39' WELL, Back of Walk	39 WELL	
2906	11903700020000	4370	ARDWELL WY	1.0	43' WELL, Back of Walk	43 WELL	
2907	11903700030000	4360	ARDWELL WY	1.0	34' WELL, Back of Walk	34 WELL, 16 NSC	
2908	11903700040000	4350	ARDWELL WY	1.0	45.3' WELL, Back of Walk	45.3 WELL	
2909	11903700110000	8001	PUKA WY				
2910	11903700120000	8000	PUKA WY				
2911	11903700140000	4265	ARDWELL WY	1.0	34.5' EWLL, Back of Walk	34.5 EWLL	
2912	11903700150000	4275	ARDWELL WY	1.0	16.5' EWLL, Back of Walk	16.5 EWLL	
2913	11903700160000	4285	ARDWELL WY	1.0	1) 30' EWLL, 7' NNC (10/24/05) 2) 29.6' EWLL, Back of Walk	16 SNC, 30 EWLL (10/24/05)	
2914	11903700170000	4295	ARDWELL WY	1.0	29' EWLL, Back of Walk	29 EWLL	
2915	11903700180000	4305	ARDWELL WY	1.0	29.8' EWLL, Back of Walk	29.8 EWLL	
2916	11903700190000	4315	ARDWELL WY	1.0	8' NNC - 36 1/2' WELL		
2917	11903700220000	4345	ARDWELL WY	1.0	15.5' EWLL, Back of Walk	15.5 EWLL	
2918	11903700230000	4355	ARDWELL WY	1.0	28.8' EWLL, Back of Walk	28.8 EWLL	
2919	11903700240000	4365	ARDWELL WY	1.0	32' EWLL, Back of Walk	32 EWLL	
2920	11903700250000	4375	ARDWELL WY	1.0	30' EWLL, 29' WELL- 7' NNC	30.5 EWLL	
2921	11903700260000	4360	MILLPORT WY	1.0	35' WELL, Back of Walk		
2922	11903700270000	4350	MILLPORT WY	1.0	Same & Back of Walk	34 WELL	
2923	11903700280000	4340	MILLPORT WY	1.0	35' WELL, 6' SSC in S/P	35 WELL	
2924	11903700290000	4330	MILLPORT WY	1.0	Same & Back of Walk	26 WELL	
2925	11903700300000	4320	MILLPORT WY	1.0	Same & Back of Walk	36.6 WELL	
2926	11903700310000	4310	MILLPORT WY	1.0	Same & Back of Walk	19 WELL	
2927	11903700320000	4300	MILLPORT WY	1.0	1) 7' SSC in box, 14' EWLL (10/16/05)	16 NSC, 14 EWLL (10/16/05)	
2928	11903700330000	4290	MILLPORT WY	1.0	Same & Back of Walk	32 WELL	
2929	11903700340000	4280	MILLPORT WY	1.0	Same & Back of Walk	33 WELL	
2930	11903700350000	4270	MILLPORT WY	1.0	Same & Back of Walk	31 WELL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2931	11903700360000	4260	MILLPORT WY	1.0	Same & Back of Walk	32.8 WELL	
2932	11903700370000	4250	MILLPORT WY	1.0	Same & Back of Walk	32.5 WELL	
2933	11903700380000	4245	MILLPORT WY	1.0	1) 25' EWLL - 7.5' NNC in box (8/17/06) 2) Same & Back of Walk	25 EWLL	
2934	11903700390000	4255	MILLPORT WY	1.0	Same & Back of Walk	27.5 EWLL	
2935	11903700400000	4265	MILLPORT WY	1.0	11' EWLL - 7' NNC of Millport		
2936	11903700410000	4275	MILLPORT WY	1.0	Same & Back of Walk	14.5 EWLL	
2937	11903700420000	4285	MILLPORT WY	1.0	Same & Back of Walk	28 EWLL	
2938	11903700430000	4295	MILLPORT WY	1.0	Same & Back of Walk	27 EWLL	
2939	11903700440000	4320	AMAPOLA WY	1.0	25.3' SNLL & Back of Walk	25.3 SNLL	
2940	11903700450000	4310	AMAPOLA WY	1.0	37.3' NSLL & Back of Walk	37.3 NSLL	
2941	11903700460000	4300	AMAPOLA WY	1.0	41' NSLL & Back of Walk	41 NSLL	
2942	11903700470000	4250	AMAPOLA WY	1.0	185' EWLL & Back of Walk	185 EWLL	
2943	11903700480000	4240	AMAPOLA WY	1.0	24.5' WELL & Back of Walk	24.5 WELL	
2944	11903700490000	4230	AMAPOLA WY	1.0	23' EWLL, 8' SSC	25.7 EWLL	
2945	11903700500000	4220	AMAPOLA WY	1.0	26.8' EWLL, Back of Walk	26.8 EWLL	
2946	11903700510000	4210	AMAPOLA WY	1.0	28' EWLL, Back of Walk	28 EWLL	
2947	11903700520000	4200	AMAPOLA WY	1.0	27.3' EWLL, Back of Walk	27.3 EWLL	
2948	11903700530000	4205	AMAPOLA WY	1.0	34' WELL, Back of Walk	34 WELL	
2949	11903700540000	4215	AMAPOLA WY	1.0	22.2' WELL, Back of Walk	22.2 WELL	
2950	11903700550000	4225	AMAPOLA WY	1.0	23.3' WELL, Back of Walk	23.3 WELL	
2951	11903700560000	4235	AMAPOLA WY	1.0	37.3' WELL & Back of Walk	37.3 WELL	
2952	11903700570000	4245	AMAPOLA WY	1.0	37.5' WELL and Back of Walk	37.5 WELL	
2953	11903700580000	4255	AMAPOLA WY	1.0	29' EWLL, 40' WELL, 8' NNC in S/P	29 EWLL, 40 WELL, 15 SNC	
2954	11903700590000	4265	AMAPOLA WY	1.0	27' EWLL & Back of Walk	27 EWLL	
2955	11903700600000	4275	AMAPOLA WY	1.0	17' EWLL - 9' NNC of Amapola		
2956	11903700610000	4285	AMAPOLA WY	1.0	10.5' SNLL & Back of Walk	10.5 SNLL	
2957	11903700620000	4295	AMAPOLA WY	1.0	25' NSLL & Back of Walk	25 NSLL	
2958	11903700630000	4305	AMAPOLA WY	1.0	34' NSLL, 28' SNLL, 7' EEC of Amapola Way in c/s box in driveway.	35 NSLL, 27 SNLL, 14 WEC of Ampola Way	
2959	11903700640000	4325	AMAPOLA WY				
2960	11903700650000	4335	MILLPORT WY	1.0	Same & Back of Walk	12.5 EWLL	
2961	11903700660000	4345	MILLPORT WY	1.0	7' EWLL, 7' NNC of 4345 Millport Wy in c/s box	7 EWLL, SNC of 4345 Millport Wy	
2962	11903700670000	4355	MILLPORT WY	1.0	21' WELL, 7' NNC in meter box	12 SNC 22 WELL	
2963	11903700680000	4260	ARMADALE WY	1.0	29' WELL, Back of Walk	29 WELL	
2964	11903700690000	4250	ARMADALE WY	1.0	28' EWLL, 6' SSC in c/s box	28 EWLL, 21 SNC	
2965	11903700700000	4240	ARMADALE WY	1.0	32.8' WELL, Back of Walk	32.8 WELL	
2966	11903700710000	1	VELOZ CT	1.0	50' NNC of Armadale 7' WWC of Veloz Ct.	29 NSLL	
2967	11903700720000	5	VELOZ CT	1.0	30.5' NSLL, Back of Walk	9 WEC of Veloz Ct, 30 NSLL	
2968	11903700730000	9	VELOZ CT	1.0	Same & Back of Walk	13 NSLL	
2969	11903700740000	15	VELOZ CT	1.0	Same & Back of Walk	12.5 EWLL	
2970	11903700750000	14	VELOZ CT	1.0	Same & Back of Walk	20.5 NSLL	
2971	11903700760000	8	VELOZ CT	1.0	Same & Back of Walk	30.5 NSLL	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
2972	11903700770000	2	VELOZ CT	1.0	35' EEC of Veloz - 2 1/2' Back of Walk		
2973	11903700780000	4251	ARMADALE WY	1.0	18.5' WELL, Back of Walk	18.5 WELL	
2974	11903700790000	4261	ARMADALE WY	1.0	40' WELL, Back of Walk	40 WELL	
2975	11903700800000	4260	ARDWELL WY	1.0	18' WELL, Back of Walk	18 WELL	
2976	11903700810000	4335	ARDWELL WY	1.0	1) 10' EWLL - 2' NNC (4/30/06) 2) 8.7' EWLL, Back of Walk	1) 15 SNC - 10 EWLL (4/30/06) 2) 8.7 EWLL	
2977	11903700820000	4325	ARDWELL WY	1.0	34' EWLL - 8' N of Curb of Ardwell		
2978	11903700830000	4340	ARDWELL WY	1.0	35.5' WELL, Back of Walk	35.5 WELL	
2979	11903700840000	4330	ARDWELL WY	1.0	1) 7' NSC in c/s box, 18' EEPL(5/27/06) 2) 17' WELL, 8' SSC in c/s box	17 WELL	
2980	11903700850000	4320	ARDWELL WY	1.0	25.5' WELL, Back of Walk	25.5 WELL	
2981	11903700860000	4310	ARDWELL WY	1.0	33.5' WELL, Back of Walk	33.5 WELL	
2982	11903700870000	4300	ARDWELL WY	1.0	31.4' WELL, Back of Walk	31.4 WELL	
2983	11903700880000	4290	ARDWELL WY	1.0	1) 22' WELL, 6' SSC of Ardwell (11/3/05) 2) 22' WELL, Back of Walk	22 WELL	
2984	11903800100000	4171	ARMADALE WY	1.0	32.5' SNLL, Back of Walk	32.5 SNLL	
2985	11903800200000	4161	ARMADALE WY	1.0	30.5' NSLL, Back of Walk	30.5 NSLL	
2986	11903800300000	4151	ARMADALE WY	1.0	12' WELL, Back of Walk	12 WELL	
2987	11903800400000	4141	ARMADALE WY	1.0	37' NSLL, 31' SNLL, 10' WWC in c/s box	37 NSLL	
2988	11903800500000	4131	ARMADALE WY	1.0	28.2' SNLL, Back of Walk	28.2 SNLL	
2989	11903800800000	7960	DEER LAKE DR	1.0	Same & Back of Walk	37.8 SNLL	
2990	11903800900000	7964	DEER LAKE DR	1.0	20' NSPL, 16' SNLL, 8' WWC of Deer Lake in s/p	20 EWC, 16 NSLL	
2991	11903800100000	4095	DE LA VINA WY	1.0	58' WWC of Deer Lake - 15' NSC of De La Vina Way		
2992	11903800110000	7967	DEER LAKE DR	1.0	6' SSC of Armadale - 20' EEC of Deer lake	22 NSC of Armadale - 30 EEC of Deerlake 14WELL 20 NSC of Armadale Way	
2993	11903800120000	4120	ARMADALE WY	1.0	14' WELL, 6' SSC of Armadale Way in SP.		
2994	11903800130000	4130	ARMADALE WY	1.0	32.2' WELL, Back of Walk	32.2 WELL	
2995	11903800140000	4140	ARMADALE WY	1.0	32'WELL, 8'SSC in c/s box	33WELL, 21SNC	
2996	11903800150000	4150	ARMADALE WY	1.0	24' WELL, Back of Walk	24 WELL	
2997	11903800160000	4160	ARMADALE WY	1.0	20' WELL, Back of Walk	20 WELL	
2998	11903800170000	4170	ARMADALE WY	1.0	32.6' WELL, Back of Walk	32.6 WELL	
2999	11903800180000	4180	ARMADALE WY	1.0	28' EWLL, Back of Walk, in box, 32' WELL	28 EWLL, 21 NSC	
3000	11903800190000	4190	ARMADALE WY	1.0	33.7' WELL, Back of Walk	33.7 WELL	
3001	11903800200000	4185	AMAPOLA WY	1.0	36.3' WELL, Back of Walk	36.3 WELL	
3002	11903800210000	4175	AMAPOLA WY	1.0	1)31' WELL, 2' NNC in m/b (4/29/07) 2)32' WELL, Back of Walk	1)15 SNC, 31 WELL(4/29/07) 2)32 WELL	
3003	11903800220000	4165	AMAPOLA WY	1.0	34' WELL, Back of Walk	34 WELL	
3004	11903800230000	4155	AMAPOLA WY	1.0	16' EWLL, Back of Walk	16 EWLL	
3005	11903800240000	4145	AMAPOLA WY	1.0	1) 25' WELL, 8' NNC (10/6/05) 2) 30' WELL, Back of Walk	25 WELL, 14 SNC (10/6/05)	
3006	11903800250000	4135	AMAPOLA WY	1.0	35' WELL, 7' NNC of Amapola, 25' EWLL	35 WELL	
3007	11903800260000	4125	AMAPOLA WY	1.0	39' EEC of Deer lake - 8' NNC of Amapola		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3008	11903800270000	4110	DE LA VINA WY	1.0	Same & Back of Walk	35.7 EWLL	
3009	11903800280000	4105	LA TARRIGA WY	1.0	Same & Back of Walk	35 EWLL	
3010	11903800290000	4110	LA TARRIGA WY	1.0	Same & Back of Walk	41.6 EWLL	
3011	11903800300000	4115	EVALITA WY	1.0	31.6' EWLL, Back of Walk	31.6 EWLL	
3012	11903800310000	4120	EVALITA WY	1.0		57 WWC of Deer Lake, 15 NSC of Evalita	
3013	11903800320000	4110	EVALITA WY	1.0	23.2' WELL, 12' EWLL, 7'SSC	23.2 WELL, 11 EWLL 15 NSC	
3014	11903800330000	8011	DEER LAKE DR				
3015	11903800340000	8007	DEER LAKE DR				
3016	11903800350000	8003	DEER LAKE DR	1.0	Same & Back of Walk	30.3 NSLL	
3017	11903800360000	7999	DEER LAKE DR	1.0	Same & Back of Walk	14.2 NSLL	
3018	11903800370000	7995	DEER LAKE DR	1.0	Same & Back of Walk	18.8 NSLL	
3019	11903800380000	7991	DEER LAKE DR	1.0	33' NSLL - 2' EEC of Deerlake Drive, Standpipe		
3020	11903800390000	7987	DEER LAKE DR	1.0	Same & Back of Walk	33.5 NSLL	
3021	11903800400000	7983	DEER LAKE DR	1.0	27' SNLL, 9' EEC in standpipe	12 SSC, 20 WEC	
3022	11903800410000	7979	DEER LAKE DR				
3023	11903800420000	4120	AMAPOLA WY	1.0	18.2' WELL, Back of Walk	18.2 WELL	
3024	11903800430000	4130	AMAPOLA WY	1.0	26' EWLL- 8' SSC in a box	26 EWLL- 15 NSC	
3025	11903800440000	4140	AMAPOLA WY	1.0	10' EWLL 7' SSC of Amapola Way in box	9EWLL 16NSC of Amapola Way	
3026	11903800450000	4110	ARDWELL WY		34' WWC of Ardwell - 7' SSC of Amapola		
3027	11903800460000	4120	ARDWELL WY	1.0	25' SNLL, Back of Walk	25 SNLL	
3028	11903800470000	4130	ARDWELL WY	1.0	23' SNLL, Back of Walk	23 SNLL	
3029	11903800480000	4140	ARDWELL WY	1.0	33.5' NSLL, Back of Walk	33.5 NSLL	
3030	11903800490000	4150	ARDWELL WY	1.0	22.5' NSLL, Back of Walk	22.5 NSLL	
3031	11903800500000	4160	ARDWELL WY	1.0	34.4' NSLL, Back of Walk	34.4 NSLL	
3032	11903800510000	4170	ARDWELL WY	1.0	22' NSLL, Back of Walk	22 NSLL	
3033	11903800520000	4180	ARDWELL WY	1.0	17' SNLL, 19' NSLL 7' WWC in steel round c/s box	17 SNLL	
3034	11903800530000	4190	ARDWELL WY	1.0	23' SNLL, Back of Walk	23 SNLL	
3035	11903800540000	4200	ARDWELL WY	1.0	17' EWLL, Back of Walk	17 EWLL	
3036	11903800550000	4210	ARDWELL WY	1.0	30' WELL, Back of Walk	30 WELL	
3037	11903800560000	4220	ARDWELL WY	1.0	20 1/2' WELL - 7' SSC of Ardwell		
3038	11903800570000	4230	ARDWELL WY	1.0	20' WELL, Back of Walk	20 WELL	
3039	11903800580000	4240	ARDWELL WY	1.0	34.4' WELL, Back of Walk	34.4 WELL	
3040	11903800600000	4255	ARDWELL WY	1.0	32.8' EWLL - Back of Walk	32.8 EWLL	
3041	11903800610000	4245	ARDWELL WY	1.0	26' EWLL, Back of Walk	26 EWLL	
3042	11903800620000	4175	ARDWELL WY	1.0	33' SNLL, Back of Walk	33 SNLL	
3043	11903800630000	4165	ARDWELL WY	1.0	30.5' SNLL, Back of Walk	30.5 SNLL	
3044	11903800640000	4155	ARDWELL WY	1.0	13' NSLL- 8' EEC of Ardwell in S/P	17.5 SNLL	
3045	11903800650000	4220	MILLPORT WY	1.0	27' SSC Millport Way, 7' EEC Ardwell Way	30 SSC Millport way, 15 WEC Ardwell Way	

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3046	11903800660000	4230	MILLPORT WY	1.0	#1) 27' EWLL, 8' SSC in Concrete c/s box #2) 34' WELL, Back of Walk	#1) 27 EWLL, 15 NSC of 4230 Millport #2) 34 WELL	
3047	11903800670000	4240	MILLPORT WY	1.0	Same & Back of Walk	33.2 WELL	
3048	11903800680000	4235	MILLPORT WY	1.0	Same & Back of Walk	30 EWLL	
3049	11903800690000	4225	MILLPORT WY	1.0	Same & Back of Walk	27.5 EWLL	
3050	11903800700000	4215	MILLPORT WY				
3051	11903800710000	4125	ARDWELL WY	1.0	10.3' SNLL, Back of Walk	10.3 SNLL	
3052	11903800720000	4115	ARDWELL WY	1.0	28' SNLL, Back of Walk	28 SNLL	
3053	11903800730000	4105	ARDWELL WY	1.0	1) 26' NSPL, 1' EEC IN M/B (10/3/06) 2) 37.3' NSLL, Back of Walk	1) 26 NSPL, 12 WEC (10/3/06) 2) 37.3 NSLL	
3054	11903800740000	4170	AMAPOLA WY	1.0	12.2' EWLL, Back of Walk	12.2 EWLL	
3055	11903800750000	4180	AMAPOLA WY	1.0	17' EWLL, Back of Walk	17 EWLL	
3056	11903800760000	4190	AMAPOLA WY	1.0	27.5' EWLL, Back of Walk	27.5 EWLL	
3057	11903800770000	4195	AMAPOLA WY	1.0	34.5' WELL, Back of Walk	34.5 WELL	
3058	11903800780000	4230	ARMADALE WY	1.0	Same & Back of Walk	31 WEPL & 21 NSC of Armadale	
3059	11903800810000	4250	ARDWELL WY	1.0	26.5' EWLL, 7' SSC	26.5 EWLL	
3060	11903800850000	7959	DEER LAKE DR	1.0	33'eec o/DeerLake, 2'nnc o/armadale in m/box (9/21/07)	35 eec o/DeerLake - 20 snc o/armadale (9/21/07)	
3061	11903800860000	4111	ARMADALE WY	1.0	22.5' WELL, Back of Walk	22.5 WELL	
3062	11903900010000	8068	DEER LAKE DR				
3063	11903900020000	8064	DEER LAKE DR				
3064	11903900030000	8060	DEER LAKE DR				
3065	11903900040000	4155	SEA FOREST WY				
3066	11903900050000	4146	SEA MEADOW WY				
3067	11903900060000	8044	DEER LAKE DR				
3068	11903900070000	4153	SEA MEADOW WY				
3069	11903900080000	4144	SEA DRIFT WY				
3070	11903900090000	8024	DEER LAKE DR				
3071	11903900100000	4151	SEA DRIFT WY				
3072	11903900110000	8015	DEER LAKE DR				
3073	11903900120000	8019	DEER LAKE DR	1.0	23' SNLL - 7' EEC of Deer Lake		
3074	11903900130000	4175	EQUINOX WY				
3075	11903900140000	4181	EQUINOX WY				
3076	11903900150000	4187	EQUINOX WY				
3077	11903900160000	4193	EQUINOX WY				
3078	11903900170000	4197	EQUINOX WY				
3079	11903900180000	4201	EQUINOX WY				
3080	11903900190000	4205	EQUINOX WY				
3081	11903900200000	4209	EQUINOX WY				
3082	11903900210000	4211	EQUINOX WY				
3083	11903900220000	4215	EQUINOX WY				
3084	11903900230000	8025	PUKA WY		39' NSLL - 7' EEC in box		
3085	11903900240000	8029	PUKA WY				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3086	11903900250000	8033	PUKA WY				
3087	11903900260000	8037	PUKA WY				
3088	11903900270000	8041	PUKA WY				
3089	11903900280000	8045	PUKA WY				
3090	11903900290000	8048	PUKA WY				
3091	11903900300000	8044	PUKA WY				
3092	11903900310000	8040	PUKA WY				
3093	11903900320000	4212	EQUINOX WY				
3094	11903900330000	4208	EQUINOX WY				
3095	11903900340000	4204	EQUINOX WY				
3096	11903900350000	4200	EQUINOX WY				
3097	11903900360000	4196	EQUINOX WY				
3098	11903900370000	9	ROSTO CT				
3099	11903900380000	15	ROSTO CT				
3100	11903900390000	19	ROSTO CT				
3101	11903900400000	23	ROSTO CT				
3102	11903900410000	27	ROSTO CT				
3103	11903900420000	22	ROSTO CT				
3104	11903900430000	18	ROSTO CT				
3105	11903900440000	14	ROSTO CT				
3106	11903900450000	10	ROSTO CT				
3107	11903900460000	6	ROSTO CT				
3108	11903900470000	2	ROSTO CT				
3109	11903900480000	4178	EQUINOX WY				
3110	11903900490000	8035	DEER LAKE DR		22' NSLL - 7' EEC		
3111	11903900500000	8039	DEER LAKE DR				
3112	11903900510000	8043	DEER LAKE DR		27' nsll - 7' eec (7/7/07)		
3113	11903900520000	8047	DEER LAKE DR		27' nsll - 7' eec of DeerLake in sp (7/7/07)		
3114	11903900530000	8051	DEER LAKE DR				
3115	11903900540000	8055	DEER LAKE DR				
3116	11903900550000	8059	DEER LAKE DR				
3117	11903900560000	8063	DEER LAKE DR				
3118	11903900570000	4201	VALLEY HI DR				
3119	11903900580000	4205	VALLEY HI DR				
3120	11903900590000	4209	VALLEY HI DR				
3121	11903900600000	4213	VALLEY HI DR				
3122	11903900610000	4215	VALLEY HI DR	1.0	#1) 22' WELL, 7' NNC of Valley Hi Dr in box (06/15/05)	21 WELL, 20 SNC of Valley Hi Dr (06/15/05)	
3123	11903900620000	4219	VALLEY HI DR		#2) 8' NNC, 23' WELL (06/12/05)		
3124	11903900630000	4223	VALLEY HI DR				
3125	11903900640000	4227	VALLEY HI DR				
3126	11903900650000	4231	VALLEY HI DR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location (08/19/05) 1) 25' EWLL, 7' NNC in Box in Driveway 2) 25' EWLL, 7' NNC 25' EWLL, 7' NNC	(E) Corp Stop Location	Comments
3127	11903900660000	4235	VALLEY HI DR	1.0			
3128	11903900670000	4239	VALLEY HI DR				
3129	11903900680000	4243	VALLEY HI DR				
3130	11903900690000	4245	VALLEY HI DR				
3131	11904000010000	8072	DEER LAKE DR				
3132	11904000020000	8076	DEER LAKE DR				
3133	11904000030000	8080	DEER LAKE DR				
3134	11904000040000	8081	DEER LAKE DR		6' SSC of Valley Hi - 24' EEC of Deer Lake		
3135	11904000050000	4202	VALLEY HI DR				
3136	11904000060000	4206	VALLEY HI DR				
3137	11904000070000	4210	VALLEY HI DR				
3138	11904000080000	8086	AMINA WY				
3139	11904000090000	4209	CHINQUAPIN WY				
3140	11904001000000	4205	CHINQUAPIN WY				
3141	11904000110000	4201	CHINQUAPIN WY				
3142	11904001200000	4200	CHINQUAPIN WY		28' WELL 24' EWLL, 8' SSC in box		
3143	11904001300000	4204	CHINQUAPIN WY				
3144	11904001400000	4208	CHINQUAPIN WY				
3145	11904001500000	4212	CHINQUAPIN WY				
3146	11904001600000	4216	CHINQUAPIN WY				
3147	11904001700000	4220	CHINQUAPIN WY				
3148	11904001800000	4222	CHINQUAPIN WY				
3149	11904001900000	4224	CHINQUAPIN WY				
3150	11904002000000	4228	CHINQUAPIN WY				
3151	11904002100000	4232	CHINQUAPIN WY				
3152	11904002200000	4236	CHINQUAPIN WY				
3153	11904002300000	4240	CHINQUAPIN WY				
3154	11904002400000	4244	CHINQUAPIN WY				
3155	11904002500000	4248	CHINQUAPIN WY				
3156	11904002600000	4252	CHINQUAPIN WY				
3157	11904002700000	4256	CHINQUAPIN WY				
3158	11904002800000	4260	CHINQUAPIN WY				
3159	11904002900000	4262	CHINQUAPIN WY	1.0	1) 6' ewll - 6' ssc in sp (02/05/07) 2) 6' EWLL 2' Behgind sidewalk in S/P		
3160	11904003000000	4264	CHINQUAPIN WY				
3161	11904003100000	4268	CHINQUAPIN WY				
3162	11904003200000	4272	CHINQUAPIN WY				
3163	11904003300000	4276	CHINQUAPIN WY				
3164	11904003400000	4280	CHINQUAPIN WY				
3165	11904003500000	4284	CHINQUAPIN WY				
3166	11904003600000	4288	CHINQUAPIN WY				
3167	11904003700000	4290	CHINQUAPIN WY				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3168	11904000380000	4330	VALLEY HI DR				
3169	11904000390000	4289	CHINQUAPIN WY				
3170	11904000400000	4324	VALLEY HI DR				
3171	11904000410000	4320	VALLEY HI DR				
3172	11904000420000	4316	VALLEY HI DR				
3173	11904000430000	4312	VALLEY HI DR				
3174	11904000440000	4308	VALLEY HI DR				
3175	11904000450000	4306	VALLEY HI DR				
3176	11904000460000	4304	VALLEY HI DR				
3177	11904000470000	4300	VALLEY HI DR	1.0	6' WWC of La Coruna 156' NNC Valley Hi	21 EWC of La Coruna, 156 NNC Valley Hi	
3178	11904000480000	4246	VALLEY HI DR				
3179	11904000490000	4242	VALLEY HI DR				
3180	11904000500000	4238	VALLEY HI DR				
3181	11904000510000	4236	VALLEY HI DR				
3182	11904000520000	4232	VALLEY HI DR				
3183	11904000530000	4228	VALLEY HI DR				
3184	11904000540000	4224	VALLEY HI DR				
3185	11904000550000	4220	VALLEY HI DR		40' SNLL 5' SSC of Valley Hi Dr		
3186	11904000560000	4215	CHINQUAPIN WY				
3187	11904000570000	4219	CHINQUAPIN WY				
3188	11904000580000	4223	CHINQUAPIN WY				
3189	11904000590000	4227	CHINQUAPIN WY		28 1/2' EWLL, 8' NNC of Chinquapin		
3190	11904000600000	4229	CHINQUAPIN WY				
3191	11904000610000	4231	CHINQUAPIN WY		20' WELL - 7' WWC Chinquapin		
3192	11904000620000	4235	CHINQUAPIN WY				
3193	11904000630000	4239	CHINQUAPIN WY				
3194	11904000640000	4243	CHINQUAPIN WY				
3195	11904000650000	4247	CHINQUAPIN WY				
3196	11904000660000	4251	CHINQUAPIN WY				
3197	11904000670000	4255	CHINQUAPIN WY				
3198	11904000680000	4259	CHINQUAPIN WY				
3199	11904000690000	4263	CHINQUAPIN WY				
3200	11904000700000	4267	CHINQUAPIN WY				
3201	11904200010000	4143	SEA MEADOW WY	1.0	35' WELL - Behind Walk		
3202	11904200020000	4133	SEA MEADOW WY	1.0	32.5' WELL - Behind Walk		
3203	11904200030000	4123	SEA MEADOW WY	1.0	33.6' WELL - Behind Walk		
3204	11904200040000	4113	SEA MEADOW WY	1.0	35.4' WELL - Behind Walk		
3205	11904200050000	4103	SEA MEADOW WY	1.0	32.8' WELL - Behind Walk		
3206	11904200060000	4093	SEA MEADOW WY	1.0	32.5' WELL - Behind Walk		
3207	11904200070000	4083	SEA MEADOW WY	1.0	35.2' WELL - Behind Walk		
3208	11904200080000	4073	SEA MEADOW WY	1.0	32.1' WELL - Behind Walk		
3209	11904200090000	4063	SEA MEADOW WY	1.0	21' EWLL, 35.3' WELL - 3 1/2' Behind Walk in S/P		
3210	11904200100000	4056	SEA MEADOW WY	1.0	20.5' EWLL - Behind Walk		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3211	11904200110000	4066	SEA MEADOW WY	1.0	22.4' EWLL - Behind Walk		
3212	11904200120000	4076	SEA MEADOW WY	1.0	21.8' EWLL - Behind Walk		
3213	11904200130000	4086	SEA MEADOW WY	1.0	22.3' EWLL - Behind Walk		
3214	11904200140000	4096	SEA MEADOW WY	1.0	21.5' EWLL - Behind Walk		
3215	11904200150000	4106	SEA MEADOW WY	1.0	26' EWLL, 2' behind walk, 7' SSC in c/s box		
3216	11904200160000	4116	SEA MEADOW WY	1.0	21.7' EWLL - Behind Walk		
3217	11904200170000	4126	SEA MEADOW WY	1.0	21.8' EWLL - Behind Walk		
3218	11904200180000	4136	SEA MEADOW WY	1.0	24.4' EWLL - Behind Walk		
3219	11904200190000	4145	SEA FOREST WY	1.0	15.3' EWLL - Behind Walk		
3220	11904200200000	4135	SEA FOREST WY	1.0	30' WELL, 6' SSC in S/P		
3221	11904200210000	4125	SEA FOREST WY	1.0	30.2' WELL - Behind Walk		
3222	11904200220000	4115	SEA FOREST WY	1.0	33.2' WELL - Behind Walk		
3223	11904200230000	4105	SEA FOREST WY	1.0	20.8' EWLL - Behind Walk		
3224	11904200240000	4095	SEA FOREST WY	1.0	32.6' WELL - Behind Walk		
3225	11904200250000	4085	SEA FOREST WY	1.0	33.8' WELL - Behind Walk		
3226	11904200260000	4075	SEA FOREST WY	1.0	32.8' WELL - Behind Walk		
3227	11904200270000	4065	SEA FOREST WY	1.0	32.6' WELL - Behind Walk		
3228	11904200280000	4066	SEA FOREST WY	1.0	1) 23' EWLL - 5' SSC (7/19/06)		
3229	11904200290000	4076	SEA FOREST WY	1.0	2) 23.2' EWLL - Behind Walk		
3230	11904200300000	4086	SEA FOREST WY	1.0	22.6' EWLL - Behind Walk		
3231	11904200310000	4096	SEA FOREST WY	1.0	20' EWLL - Behind Walk		
3232	11904200320000	4106	SEA FOREST WY	1.0	22' EWLL - Behind Walk		
3233	11904200330000	4116	SEA FOREST WY	1.0	24.7' EWLL - Behind Walk		
3234	11904200340000	4079	LOUGANIS WY	1.0	15.8' EWLL - Behind Walk		
3235	11904200350000	4071	LOUGANIS WY	1.0	35.3' WELL - Behind Walk		
3236	11904200360000	4063	LOUGANIS WY	1.0	32.3' WELL - Behind Walk		
3237	11904200370000	4055	LOUGANIS WY	1.0	35.2' WELL - Behind Walk		
3238	11904200380000	4049	LOUGANIS WY	1.0	33.8' WELL - Behind Walk		
3239	11904200390000	4041	LOUGANIS WY	1.0	35.3' WELL - Behind Walk		
3240	11904200400000	4040	LOUGANIS WY	1.0	1) 22' EWLL - 7' SSC in box (9/26/06)		
3241	11904200410000	4048	LOUGANIS WY	1.0	2) 21.4' EWLL - Behind Walk		
3242	11904200420000	4056	LOUGANIS WY	1.0	22.8' EWLL - Behind Walk		
3243	11904200430000	4064	LOUGANIS WY	1.0	21.2' EWLL - Behind Walk		
3244	11904200440000	4072	LOUGANIS WY	1.0	22.8' EWLL - Behind Walk		
3245	11904200450000	8120	PHINNEY DR	1.0	24' EWLL - 7' SSC of Louganis		
3246	11904200460000	8124	PHINNEY DR	1.0	42.2' NSLL - Behind Walk		
3247	11904200470000	8128	PHINNEY DR	1.0	30.2' SNLL - Behind Walk		
3248	11904200480000	4191	MCNAMARA WY	1.0	39.7' WELL - Behind Walk		
3249	11904200490000	4181	MCNAMARA WY	1.0	34.8' WELL - Behind Walk		
3250	11904200500000	4171	MCNAMARA WY	1.0	34.9' WELL - Behind Walk		
3251	11904200510000	4161	MCNAMARA WY	1.0	33.3' WELL - Behind Walk		
3252	11904200520000	4151	MCNAMARA WY	1.0	34.2' WELL - Behind Walk		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3253	11904200530000	4141	MCNAMARA WY	1.0	39.6' WELL - Behind Walk		
3254	11904200540000	4130	MCNAMARA WY	1.0	Center Line of Lot		
3255	11904200550000	4140	MCNAMARA WY	1.0	25.4' EWLL - Behind Walk		
3256	11904200560000	4150	MCNAMARA WY	1.0	28' WELL - 6' SSC of McNamara - Behind Walk		
3257	11904200570000	4160	MCNAMARA WY	1.0	23' EWLL - Behind Walk		
3258	11904200580000	4170	MCNAMARA WY	1.0	22' EWLL - Behind Walk		
3259	11904200590000	4180	MCNAMARA WY	1.0	23.1' EWLL - Behind Walk		
3260	11904200600000	4190	MCNAMARA WY	1.0	24.0' EWLL - Behind Walk		
3261	11904200610000	4200	MCNAMARA WY	1.0	1) 31' WELL - 6' SSC in box (9/28/06) 2) 6' SSC - 23' EWLL in SP (9/22/06)		
3262	11904200620000	4210	MCNAMARA WY	1.0	3) 24' EWLL - Behind Walk		
3263	11904200630000	4220	MCNAMARA WY	1.0	21.7' EWLL - Behind Walk		
3264	11904200640000	4230	MCNAMARA WY	1.0	19.4' EWLL - Behind Walk		
3265	11904200650000	4240	MCNAMARA WY	1.0	23.1' EWLL - Behind Walk		
3266	11904200660000	4250	MCNAMARA WY	1.0	21.7' EWLL - Behind Walk		
3267	11904200670000	4251	MCNAMARA WY	1.0	27.3' SNLL - Behind Walk		
3268	11904200680000	4241	MCNAMARA WY	1.0	23.5' WELL - Behind Walk		
3269	11904200690000	4231	MCNAMARA WY	1.0	29.7' EWLL - Behind Walk		
3270	11904200700000	8125	PHINNEY DR	1.0	39.7' WELL - Behind Walk		
3271	11904200710000	8121	PHINNEY DR	1.0	29.6' NSLL - Behind Walk		
3272	11904200720000	8117	PHINNEY DR	1.0	31.4' NSLL - Behind Walk		
3273	11904200730000	8113	PHINNEY DR	1.0	32.6' NSLL - Behind Walk		
3274	11904200740000	8109	PHINNEY DR	1.0	15.8' EWLL - Behind Walk		
3275	11904200750000	8105	PHINNEY DR	1.0	30' NSLL - 5' EEC		
3276	11904200760000	8101	PHINNEY DR	1.0	28.8' NSLL - Behind Walk		
3277	11904300010000	4033	SEA MEADOW WY	1.0	24.7' EWLL - Behind Walk		
3278	11904300020000	4043	SEA MEADOW WY	1.0	21.1' NSLL - Behind Walk		
3279	11904300030000	4053	SEA MEADOW WY	1.0	37.8' WELL - Behind Walk		
3280	11904300040000	4046	SEA MEADOW WY	1.0	35.5' WELL - Behind Walk		
3281	11904300050000	4036	SEA MEADOW WY	1.0	20.8' EWLL - Behind Walk		
3282	11904300060000	8041	DEER WATER DR	1.0	19.1' EWLL - Behind Walk		
3283	11904300070000	8045	DEER WATER DR	1.0	21.1' NSLL - behind Walk		
3284	11904300080000	8049	DEER WATER DR	1.0	18' SNLL - 35.5' NSLL - behind Walk in box	17 SNLL - 14 EWC Deer Water	
3285	11904300090000	4035	SEA FOREST WY	1.0	29.5' SNLL - behind walk		
3286	11904300100000	4045	SEA FOREST WY	1.0	32 1/2' EWLL, 1 1/2' Behind Sidewalk in S/P		
3287	11904300110000	4055	SEA FOREST WY	1.0	45' WELL, 6' NNC in pipe		
3288	11904300120000	4056	SEA FOREST WY	1.0	33' EWLL 38.5 WELL - 1' Behind Walk in S/P		
3289	11904300130000	4046	SEA FOREST WY	1.0	in Driveway		
3290	11904300140000	4036	SEA FOREST WY	1.0	29.2' WELL - Behind Walk		
					20' EWLL - Behind Walk		
					31.2' WELL - Behind Walk		
					15.7' EWLL - Behind Walk		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3291	11904300150000	4026	SEA FOREST WY	1.0	29.5' SNLL - Behind Walk		
3292	11904300160000	4016	SEA FOREST WY	1.0	22' EWLL - Behind Walk		
3293	11904300170000	4006	SEA FOREST WY	1.0	29.8' WELL - Behind Walk		
3294	11904300180000	3996	SEA FOREST WY	1.0			
3295	11904300190000	3986	SEA FOREST WY	1.0	33.2' EWLL - Behind Walk		
3296	11904300200000	3976	SEA FOREST WY	1.0	41.5' WELL - Behind Walk		
3297	11904300210000	3916	SEA FOREST WY	1.0	30.8' NSLL - Behind Walk		
3298	11904300220000	3906	SEA FOREST WY	1.0	32.5' NSLL - Behind Walk		
3299	11904300230000	3896	SEA FOREST WY	1.0	32.2' NSLL - Behind Walk		
3300	11904300240000	3886	SEA FOREST WY	1.0	31.9' NSLL - Behind Walk		
		3876			1) 27' NSLL, 27' SNLL, 9' EEC of Sea Forrest in box (2/13/06)		
3301	11904300250000		SEA FOREST WY	1.0	2) 28.3' NSLL - Behind Walk		
3302	11904300260000	3866	SEA FOREST WY	1.0	30' NSLL - Behind Walk		
3303	11904300270000	3856	SEA FOREST WY	1.0	35.9' NSLL - Behind Walk		
3304	11904300280000	4021	MCNAMARA WY	1.0	48' WELL - Behind Walk		
3305	11904300290000	4031	MCNAMARA WY	1.0	30.5' WELL - Behind Walk		
3306	11904300300000	4041	MCNAMARA WY	1.0	34' WELL, 6' NNC in standpipe		
3307	11904300310000	4051	MCNAMARA WY	1.0	34.5' WELL - Behind Walk		
3308	11904300320000	3	BENOIT CT	1.0	45.5' SNLL - Behind Walk		
		9			1) 28' SNLL, 8' WWC of Benoit in s/p (1/8/06)		
3309	11904300330000		BENOIT CT	1.0	2) 29.8' SNLL - Behind Walk		
3310	11904300340000	15	BENOIT CT	1.0	33.7' SNLL - Behind Walk		
3311	11904300350000	21	BENOIT CT	1.0	16.9' EWLL - Behind Walk		
3312	11904300360000	27	BENOIT CT	1.0	15.5' SNLL - Behind Walk		
		31			1) 15' EWLL - 6' NNC in box (5/18/06)		
3313	11904300370000		BENOIT CT	1.0	2) 13.7' SNLL - Behind Walk		
3314	11904300380000	30	BENOIT CT	1.0	17.2' WELL - Behind Walk		
3315	11904300390000	26	BENOIT CT	1.0	20.5' EWLL - Behind Walk		
3316	11904300400000	20	BENOIT CT	1.0	32.8' SNLL - Behind Walk		
3317	11904300410000	4009	LOUGANIS WY	1.0	32.5' WELL - Behind Walk		
		4017			1) 1) 20' EWLL - 7' NNC (11/12/06) 2) 20' EWLL - 7' NNC (11/28/06) 3) 37' WELL - Behind Walk		
3318	11904300420000		LOUGANIS WY	1.0			
3319	11904300430000	4025	LOUGANIS WY	1.0	39.7' WELL - Behind Walk		
3320	11904300440000	4033	LOUGANIS WY	1.0	37.5' WELL - Behind Walk		
3321	11904300450000	4032	LOUGANIS WY	1.0	22.1' EWLL - Behind Walk		
3322	11904300460000	4026	LOUGANIS WY	1.0	21.4' EWLL - Behind Walk		
3323	11904300470000	4016	LOUGANIS WY	1.0	33.4' EWLL - Behind Walk		
3324	11904300480000	4000	LOUGANIS WY	1.0	53.2' WELL - Behind Walk		
3325	11904300490000	6	BENOIT CT	1.0	34.2' NSLL - Behind Walk		
3326	11904300500000	2	BENOIT CT	1.0	24.3' SNLL - Behind Walk		
3327	11904300510000	4111	MCNAMARA WY	1.0	35.5' WELL - Behind Walk		

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3328	11904300520000	4121	MCNAMARA WY	1.0	44.6' WELL - Behind Walk		
3329	11904300530000	4120	MCNAMARA WY	1.0	24.4' EWLL - Behind Walk		
3330	11904300540000	4110	MCNAMARA WY	1.0	25.6' EWLL - 6' SSC		
3331	11904300550000	4100	MCNAMARA WY	1.0	33.3' EWLL - Behind Walk		
3332	11904300560000	4090	MCNAMARA WY	1.0	24.8' EWLL - Behind Walk		
3333	11904300570000	4080	MCNAMARA WY	1.0	24.2' EWLL - Behind Walk		
3334	11904300580000	4070	MCNAMARA WY	1.0	22.9' EWLL - Behind Walk		
3335	11904300590000	4060	MCNAMARA WY	1.0	25' EWLL - Behind Walk		
3336	11904300600000	4050	MCNAMARA WY	1.0	25.5' EWLL - Behind Walk		
3337	11904300610000	4040	MCNAMARA WY	1.0	23.4' EWLL - Behind Walk		
3338	11904300620000	4030	MCNAMARA WY	1.0	22.4' EWLL - Behind Walk		
3339	11904300630000	4020	MCNAMARA WY	1.0	26.5' EWLL - Behind Walk		
3340	11904300640000	4010	MCNAMARA WY	1.0	33.6' WELL - Behind Walk		
3341	11904300650000	4000	MCNAMARA WY	1.0	22.6' SNLL - Behind Walk		
3342	11904300660000	3825	SEA FOREST WY				
3343	11904300670000	3835	SEA FOREST WY				
3344	11904300680000	3845	SEA FOREST WY	1.0	48' WELL - Behind Walk		
3345	11904300690000	3855	SEA FOREST WY				
3346	11904300700000	3865	SEA FOREST WY	1.0	22 1/2' SNLL, 9 1/2' WWC of S/P		
3347	11904300710000	3875	SEA FOREST WY				
3348	11904300720000	3885	SEA FOREST WY				
3349	11904300730000	3895	SEA FOREST WY				
3350	11904300740000	3905	SEA FOREST WY				
3351	11904300750000	3915	SEA FOREST WY	1.0	34' NSLL-23' SNLL-7' WWC of Sea Forest Way in box		
3352	11904300760000	3925	SEA FOREST WY	1.0	41.5' WELL - Behind Walk		
3353	11904300770000	3935	SEA FOREST WY		19' SNLL, 6' WWC of Sea Forest		
3354	11904300780000	3945	SEA FOREST WY				
		3965			1) 27' WELL, 8' NNC in c/s box (10/23/05) 2) 26' WELL, 9' NNC (7/25/05) 3) 11' EWLL, 9' NNC		
3355	11904300790000		SEA FOREST WY	1.0			
3356	11904300800000	3975	SEA FOREST WY				
3357	11904300810000	8044	DEER WATER DR	1.0	39.4' SNLL - behind Walk		
3358	11904300820000	8040	DEER WATER DR	1.0	43.7' NSLL - Behind Walk		
3359	11904600090000	119	CREEKSIDE CR				
3360	11904600100000	121	CREEKSIDE CR				
3361	11904600110000	123	CREEKSIDE CR				
3362	11904600120000	125	CREEKSIDE CR				
3363	11904600130000	127	CREEKSIDE CR				
3364	11904600140000	129	CREEKSIDE CR				
3365	11904600150000	131	CREEKSIDE CR				
3366	11904600160000	133	CREEKSIDE CR				
3367	11904600200000	141	CREEKSIDE CR				
3368	11904600210000	143	CREEKSIDE CR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3369	11904600220000	145	CREEKSIDE CR				
3370	11904600230000	147	CREEKSIDE CR				
3371	11904600240000	149	CREEKSIDE CR				
3372	11904600250000	151	CREEKSIDE CR				
3373	11904600260000	153	CREEKSIDE CR				
3374	11904600270000	155	CREEKSIDE CR				
3375	11904600280000	157	CREEKSIDE CR	1.0	15' EWLL 5' SSC in box	15 EWLL 15 NSC	
3376	11904600290000	159	CREEKSIDE CR				
3377	11904600300000	160	CREEKSIDE CR				
3378	11904600310000	158	CREEKSIDE CR				
3379	11904600320000	156	CREEKSIDE CR				
3380	11904600330000	154	CREEKSIDE CR				
3381	11904600340000	152	CREEKSIDE CR				
3382	11904600350000	150	CREEKSIDE CR	PVT 1 1/2	16' EEPL of 150 Creekside - 5' NNC		
3383	11904600360000	136	CREEKSIDE CR				
3384	11904600370000	134	CREEKSIDE CR				
3385	11904600380000	132	CREEKSIDE CR	1.0	23'NSLL-6'EEC of Creekside Cir in meter box		
3386	11904600390000	130	CREEKSIDE CR				
3387	11904600400000	128	CREEKSIDE CR				
3388	11904600410000	126	CREEKSIDE CR				
3389	11904600420000	110	CREEKSIDE CR				
3390	11904600430000	108	CREEKSIDE CR				
3391	11904600440000	106	CREEKSIDE CR				
3392	11904600450000	104	CREEKSIDE CR				
3393	11904600460000	102			1) 22' EWLL, 4' SSC in c/s box (5/28/06) 2) 24' WELL - 22' EWLL - 4' SSC in box (5/19/06)		
3394	11904600470000	100	CREEKSIDE CR				
3395	11904700010000	207	CREEKSIDE CR				
3396	11904700020000	205	CREEKSIDE CR				
3397	11904700030000	203	CREEKSIDE CR				
3398	11904700040000	201	CREEKSIDE CR	2.0	WPL of 203 Creekside cir. 6' nnc of creekside		
3399	11904700050000	199	CREEKSIDE CR				
3400	11904700060000	197	CREEKSIDE CR	1.0	32' NSLL, 16' SNLL, 6' EEC in a box.		
3401	11904700070000	195	CREEKSIDE CR	1.25	1' EWLL of 205 Creekside - 6' NNC		
3402	11904700080000	193	CREEKSIDE CR				
3403	11904700090000	191	CREEKSIDE CR				
3404	11904700100000	189	CREEKSIDE CR				
3405	11904700110000	185	CREEKSIDE CR				
3406	11904700120000	183	CREEKSIDE CR				
3407	11904700130000	181	CREEKSIDE CR				
3408	11904700140000	179	CREEKSIDE CR				
3409	11904700150000	177	CREEKSIDE CR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3410	11904700160000	175	CREEKSIDE CR				
3411	11904700170000	173	CREEKSIDE CR				
3412	11904700180000	171	CREEKSIDE CR				
3413	11904700190000	169	CREEKSIDE CR				
3414	11904700200000	167	CREEKSIDE CR				
3415	11904700210000	165	CREEKSIDE CR				
3416	11904700220000	163	CREEKSIDE CR				
3417	11904700230000	161	CREEKSIDE CR				
3418	11904700240000	162	CREEKSIDE CR				
3419	11904700250000	164	CREEKSIDE CR				
3420	11904700260000	166	CREEKSIDE CR				
3421	11904700270000	168	CREEKSIDE CR		23' EWLL - 5' NNL (9/11/06)		
3422	11904700280000	170	CREEKSIDE CR		18' EWLL - 5' NNC of Creekside		
3423	11904700290000	172	CREEKSIDE CR				
3424	11904700300000	174	CREEKSIDE CR		23'EWLL-4'NNC		
3425	11904700310000	176	CREEKSIDE CR				
3426	11904700320000	184	CREEKSIDE CR				
3427	11904700330000	186	CREEKSIDE CR				
3428	11904700340000	190	CREEKSIDE CR				
3429	11904700350000	192	CREEKSIDE CR				
3430	11904700360000	194	CREEKSIDE CR				
3431	11904700370000	196	CREEKSIDE CR				
3432	11904800010000	8030	DEER WATER DR	1.0	38' WELL - behind Walk		
3433	11904800020000	8024	DEER WATER DR				
3434	11904800030000	8018	DEER WATER DR	1.0	45' SNLL, Back of Walk		
3435	11904800040000	8012	DEER WATER DR				
3436	11904800050000	8006	DEER WATER DR				
3437	11904800060000	4015	VALITA WY				
3438	11904800070000	4023	VALITA WY				
3439	11904800080000	4031	VALITA WY		24' ewll 6' nnc of evalita in SP		
3440	11904800090000	4039	VALITA WY				
3441	11904800100000	4047	VALITA WY				
3442	11904800110000	4055	VALITA WY				
3443	11904800120000	4063	VALITA WY				
3444	11904800130000	4071	VALITA WY				
3445	11904800140000	4079	VALITA WY				
3446	11904800150000	4087	VALITA WY				
3447	11904800160000	4095	VALITA WY				
3448	11904800170000	4105	VALITA WY				
3449	11904800180000	4102	VALITA WY		6 1/2' SSC of Evalita - 41' WELL	15 NSC of Evalita - 41 WELL	
3450	11904800190000	4094	VALITA WY				
3451	11904800200000	4086	VALITA WY				
3452	11904800210000	4078	VALITA WY				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3453	11904800220000	4070	VALITA WY	1.0	#1) 24' EWLL, 7' SSC in c/s box		
3454	11904800230000	4062	VALITA WY		#2) 24' EWLL, 6' SSC		
3455	11904800240000	4054	VALITA WY				
3456	11904800250000	4046	VALITA WY				
3457	11904800260000	4038	VALITA WY				
3458	11904800270000	4030	VALITA WY		27.6' WELL, 7' 6" SSC of Evalita 24' EWLL 6' NNC in SP		
3459	11904800280000	4022	VALITA WY		33' WELL - 7' SSC		
3460	11904800290000	4014	VALITA WY				
3461	11904800300000	4031	SEA DRIFT WY				
3462	11904800310000	4041	SEA DRIFT WY				
3463	11904800320000	4051	SEA DRIFT WY				
3464	11904800330000	4061	SEA DRIFT WY				
3465	11904800340000	4071	SEA DRIFT WY				
3466	11904800350000	4081	SEA DRIFT WY				
3467	11904800360000	4091	SEA DRIFT WY				
3468	11904800370000	4101	SEA DRIFT WY				
3469	11904800380000	4111	SEA DRIFT WY				
3470	11904800390000	4121	SEA DRIFT WY				
3471	11904800400000	4131	SEA DRIFT WY				
3472	11904800410000	4141	SEA DRIFT WY				
3473	11904800420000	4134	SEA DRIFT WY				
3474	11904800430000	4124	SEA DRIFT WY				
3475	11904800440000	4114	SEA DRIFT WY				
3476	11904800450000	4104	SEA DRIFT WY				
3477	11904800460000	4094	SEA DRIFT WY				
3478	11904800470000	4084	SEA DRIFT WY				
3479	11904800480000	4074	SEA DRIFT WY				
3480	11904800490000	4064	SEA DRIFT WY				
3481	11904800500000	4054	SEA DRIFT WY				
3482	11904800510000	4044	SEA DRIFT WY				
3483	11904800520000	4034	SEA DRIFT WY		35' WELL, 44' EEC, of Deer Water, 6' SSC of Sea Drift in S/P		
3484	11904800530000	4024	SEA DRIFT WY	1.0	28' ewll - 10' ssc (4/27/07)		
3485	11904800540000	3	MOSES CT				
3486	11904800550000	7	MOSES CT				
3487	11904800560000	11	MOSES CT				
3488	11904800570000	15	MOSES CT				
3489	11904800580000	19	MOSES CT				
3490	11904800590000	23	MOSES CT				
3491	11904800600000	27	MOSES CT				
3492	11904800610000	26	MOSES CT				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3493	11904800620000	22	MOSES CT				
3494	11904800630000	18	MOSES CT				
3495	11904800640000	14	MOSES CT				
3496	11904800650000	10	MOSES CT				
3497	11904800660000	5	VIDMAR CT				
3498	11904800670000	9	VIDMAR CT	1.0	31' WEPL - 23' EWPL - 7' SSC of #9 Vidmar Ct, 16' EWLL in Standpipe		
3499	11904800680000	15	VIDMAR CT				
3500	11904800690000	19	VIDMAR CT				
3501	11904800700000	23	VIDMAR CT	1.0	26' NSLL - Back Sidewalk		
3502	11904800710000	24	VIDMAR CT				
3503	11904800720000	18	VIDMAR CT				
3504	11904800730000	12	VIDMAR CT				
3505	11904800740000	6	VIDMAR CT				
3506	11904900010000	4089	DE LA VINA WY		23' EWLL, 6' NNC in Standpipe		
3507	11904900020000	4083	DE LA VINA WY				
3508	11904900030000	4077	DE LA VINA WY				
3509	11904900040000	4071	DE LA VINA WY				
3510	11904900050000	4065	DE LA VINA WY				
3511	11904900060000	4059	DE LA VINA WY				
3512	11904900070000	4053	DE LA VINA WY				
3513	11904900080000	4047	DE LA VINA WY				
3514	11904900090000	4041	DE LA VINA WY				
3515	11904900100000	4035	DE LA VINA WY				
3516	11904900110000	4029	DE LA VINA WY				
3517	11904900120000	4023	DE LA VINA WY				
3518	11904900130000	4017	DE LA VINA WY				
3519	11904900140000	4018	DE LA VINA WY				
3520	11904900150000	4024	DE LA VINA WY				
3521	11904900160000	4030	DE LA VINA WY				
3522	11904900170000	4036	DE LA VINA WY	1.0	30' WELL - 7' SSC of De La Vina		
3523	11904900180000	4042	DE LA VINA WY				
3524	11904900190000	4048	DE LA VINA WY				
3525	11904900200000	4054	DE LA VINA WY				
3526	11904900210000	4060	DE LA VINA WY				
3527	11904900220000	4068	DE LA VINA WY				
3528	11904900230000	4076	DE LA VINA WY	1.0	27' EWLL & 8' SSC		
3529	11904900240000	4084	DE LA VINA WY				
3530	11904900250000	4092	DE LA VINA WY				
3531	11904900260000	4097	LA TARRIGA WY				
3532	11904900270000	4091	LA TARRIGA WY				
3533	11904900280000	4083	LA TARRIGA WY				
3534	11904900290000	4075	LA TARRIGA WY	1.0	30' WELL, 8' NNC in c/s box. 24' EWLL, 31' WELL, 7' NNC of La Tarriga Wy in box		
3535	11904900300000	4067	LA TARRIGA WY	1.0			

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3536	11904900310000	4059	LA TARRIGA WY		31' WELL, 24' EWLL, 7' NNC of La Tarriga in s/p		
3537	11904900320000	4051	LA TARRIGA WY				
3538	11904900330000	4043	LA TARRIGA WY				
3539	11904900340000	4035	LA TARRIGA WY	1.0	24' EWLL - 9' NNC of La Tarriga Way		
3540	11904900350000	4027	LA TARRIGA WY				
3541	11904900360000	4019	LA TARRIGA WY				
3542	11904900370000	4011	LA TARRIGA WY				
3543	11904900380000	4008	LA TARRIGA WY				
3544	11904900390000	4016	LA TARRIGA WY				
3545	11904900400000	4024	LA TARRIGA WY				
3546	11904900410000	4032	LA TARRIGA WY				
3547	11904900420000	4040	LA TARRIGA WY	1.0	22' EWLL - 8' SSC		
3548	11904900430000	4048	LA TARRIGA WY				
3549	11904900440000	4056	LA TARRIGA WY				
3550	11904900450000	4064	LA TARRIGA WY				
3551	11904900460000	4072	LA TARRIGA WY				
3552	11904900470000	4086	LA TARRIGA WY				
3553	11904900480000	4094	LA TARRIGA WY				
3554	11904900490000	4102	LA TARRIGA WY				
3555	11904900500000	8000	DEER WATER DR				
3556	11904900510000	9	BRELAND CT	1	6' WWC, 2' NSLL		
3557	11904900520000	15	BRELAND CT	1	6' WWC, 1' NSLL		
3558	11904900530000	19	BRELAND CT	1	6' WWC, 3' NSLL		
3559	11904900540000	23	BRELAND CT				
3560	11904900550000	22	BRELAND CT				
3561	11904900560000	18	BRELAND CT				
3562	11904900570000	14	BRELAND CT				
3563	11904900580000	10	BRELAND CT				
3564	11904900590000	6	BRELAND CT				
3565	11904900600000	2	BRELAND CT	1.0	1) 8' NNC - 27' EWLL in SP (9/8/06) 2) 48' WWC o/Deer Water Dr, 34' EWLL, 5' NNC o/Breeland		
3566	11904900610000	1	RUIZ CT				
3567	11904900620000	5	RUIZ CT				
3568	11904900630000	9	RUIZ CT				
3569	11904900640000	15	RUIZ CT				
3570	11904900650000	19	RUIZ CT	1.0	28'WELL-24'EWLL-8'SSC of Ruiz ct in c/s box		
3571	11904900660000	23	RUIZ CT				
3572	11904900670000	24	RUIZ CT				
3573	11904900680000	20	RUIZ CT				
3574	11904900690000	14	RUIZ CT				
3575	11904900700000	8	RUIZ CT				
3576	11904900710000	7984	DEER WATER DR				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3577	11904900720000	7980	DEER WATER DR				
3578	11904900730000	7976	DEER WATER DR				
3579	11905600010000	8026	TORRENTE WY				
3580	11905600020000	8032	TORRENTE WY				
3581	11905600030000	8038	TORRENTE WY				
3582	11905600040000	8044	TORRENTE WY				
3583	11905600050000	8050	TORRENTE WY				
3584	11905600060000	4440	VALVERDE WY				
3585	11905600070000	4450	VALVERDE WY	1.0	1) 6' SSC - 33' WELL in box (7/17/06) 2) 6' eec - 25' nsl in sp (7/16/06)		
3586	11905600080000	4460	VALVERDE WY				
3587	11905600090000	4470	VALVERDE WY				
3588	11905600100000	4480	VALVERDE WY				
3589	11905600110000	4490	VALVERDE WY				
3590	11905600120000	4500	VALVERDE WY				
3591	11905600130000	4495	VALVERDE WY				
3592	11905600140000	4485	VALVERDE WY				
3593	11905600150000	4475	VALVERDE WY				
3594	11905600160000	4465	VALVERDE WY	1.0	29' EWLL, 31' WELL, 7' NNC of Valverde in box.		
3595	11905600170000	4455	VALVERDE WY				
3596	11905600180000	4445	VALVERDE WY				
3597	11905600190000	4435	VALVERDE WY	1.0	40'WELL, 7'NNC of Valverde in S/P		
3598	11909800010000	8182	TORRENTE WY				
3599	11909800020000	8176	TORRENTE WY				
3600	11909800030000	8170	TORRENTE WY		20' EWLL, 6' SSC of Torrente Way		
3601	11909800040000	8164	TORRENTE WY				
3602	11909800050000	8158	TORRENTE WY				
3603	11909800060000	8152	TORRENTE WY				
3604	11909800070000	8146	TORRENTE WY				
3605	11909800080000	8140	TORRENTE WY	1.0	35' WELL, 6' SSC		
3606	11909800090000	8134	TORRENTE WY				
3607	11909800100000	8128	TORRENTE WY				
3608	11909800110000	8122	TORRENTE WY				
3609	11909800120000	8116	TORRENTE WY				
3610	11909800130000	8110	TORRENTE WY				
3611	11909800140000	8104	TORRENTE WY				
3612	11909800150000	8098	TORRENTE WY				
3613	11909800160000	8092	TORRENTE WY	1.0	23' EWLL - 6' SSC		
3614	11909800170000	8086	TORRENTE WY				
3615	11909800180000	8080	TORRENTE WY				
3616	11909800190000	8074	TORRENTE WY				
3617	11909800200000	8068	TORRENTE WY				
3618	11909800210000	8062	TORRENTE WY				
3619	11909800220000	8056	TORRENTE WY				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3620	11909800230000	8059	TORRENTE WY				
3621	11909800240000	1	MONTEROSA CT				
3622	11909800250000	3	MONTEROSA CT				
3623	11909800260000	5	MONTEROSA CT				
3624	11909800270000	7	MONTEROSA CT				
3625	11909800280000	9	MONTEROSA CT				
3626	11909800290000	11	MONTEROSA CT				
3627	11909800300000	15	MONTEROSA CT				
3628	11909800310000	14	MONTEROSA CT				
3629	11909800320000	8	MONTEROSA CT				
3630	11909800330000	6	MONTEROSA CT				
3631	11909800340000	4	MONTEROSA CT				
3632	11909800350000	2	MONTEROSA CT		37' SNLL - 8' EEC of Monterosa Ct.		
3633	11909800360000	1	PALMARITAS CT				
3634	11909800370000	3	PALMARITAS CT				
3635	11909800380000	5	PALMARITAS CT		1) 22' WELL - 7' NNC in box (1/22/07) 2) 27' WELL - 9' NNC		
3636	11909800390000	6	PALMARITAS CT				
3637	11909800400000	4	PALMARITAS CT				
3638	11909800410000	2	PALMARITAS CT				
3639	11909800420000	8048	LA SOLANA WY				
3640	11909800430000	8044	LA SOLANA WY				
3641	11909800440000	8040	LA SOLANA WY				
3642	11909800450000	8036	LA SOLANA WY				
3643	11909800460000	8032	LA SOLANA WY				
3644	11909800470000	8028	LA SOLANA WY		27' SNLL, 6' WWC in box		
3645	11909800480000	8024	LA SOLANA WY				
3646	11909800490000	8020	LA SOLANA WY				
3647	11909800500000	8016	LA SOLANA WY				
3648	11909800510000	8012	LA SOLANA WY				
3649	11909800520000	8008	LA SOLANA WY				
3650	11909800530000	8004	LA SOLANA WY				
3651	11909800540000	1	LA ROCAS CT				
3652	11909800550000	3	LA ROCAS CT				
3653	11909800560000	5	LA ROCAS CT		27' EWLL, 5' NNC of La Rocas Ct in box		
3654	11909800570000	7	LA ROCAS CT				
3655	11909800580000	8	LA ROCAS CT				
3656	11909800590000	6	LA ROCAS CT				
3657	11909800600000	4	LA ROCAS CT				
3658	11909800610000	2	LA ROCAS CT				
3659	11909800620000	1	SAN ROGUE CT				
3660	11909800630000	3	SAN ROGUE CT				
3661	11909800640000	5	SAN ROGUE CT				
3662	11909800650000	7	SAN ROGUE CT				
3663	11909800660000	8	SAN ROGUE CT				

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3664	11909800670000	6	SAN ROGUE CT				
3665	11909800680000	4	SAN ROGUE CT				
3666	11909800690000	2	SAN ROGUE CT				
3667	11909800700000	1	TIERRA BUENA CT				
3668	11909800710000	3	TIERRA BUENA CT				
3669	11909800720000	5	TIERRA BUENA CT				
3670	11909800730000	7	TIERRA BUENA CT				
3671	11909800740000	8	TIERRA BUENA CT				
3672	11909800750000	6	TIERRA BUENA CT	1.0	10' SSC 28' EWPL in Box		
3673	11909800760000	4	TIERRA BUENA CT				
3674	11909800770000	8045	LA SOLANA WY				
3675	11909800780000	8049	LA SOLANA WY				
3676	11909800790000	8159	TORRENTE WY				
3677	11909800800000	8165	TORRENTE WY				
3678	11909800810000	8175	TORRENTE WY				
3679	11909800830000	0	TORRENTE WY			Comment: City of Sacramento Sump 139	
3680	11909800840000	0	TORRENTE WY			Comment: City of Sacramento Sump 139	
3681	11913000100000	7590	BLUEBROOK WY				
3682	11913000200000	7580	BLUEBROOK WY				
3683	11913000300000	7570	BLUEBROOK WY				
3684	11913000400000	7560	BLUEBROOK WY				
3685	11913000500000	7550	BLUEBROOK WY				
3686	11913000600000	7540	BLUEBROOK WY				
3687	11913000700000	7530	BLUEBROOK WY				
3688	11913000800000	3820	CLEARDALE WY				
3689	11913000900000	3830	CLEARDALE WY				
3690	11913001000000	3840	CLEARDALE WY				
3691	11913001100000	3850	CLEARDALE WY				
3692	11913001200000	3860	CLEARDALE WY				
3693	11913001300000	3870	CLEARDALE WY				
3694	11913001400000	3880	CLEARDALE WY				
3695	11913001500000	3890	CLEARDALE WY				
3696	11913001600000	3900	CLEARDALE WY				
3697	11913001700000	3910	CLEARDALE WY				
3698	11913001800000	3920	CLEARDALE WY		28' EWLL, 18' WELL, 6' SSC of Cleardale Wy in meter box		
3699	11913001900000	3930	CLEARDALE WY				
3700	11913002000000	3940	CLEARDALE WY				
3701	11913002100000	3950	CLEARDALE WY				
3702	11913002200000	3960	CLEARDALE WY				
3703	11913002300000	3955	SAMOS WY				
3704	11913002500000	3935	SAMOS WY				
3705	11913002600000	3925	SAMOS WY				

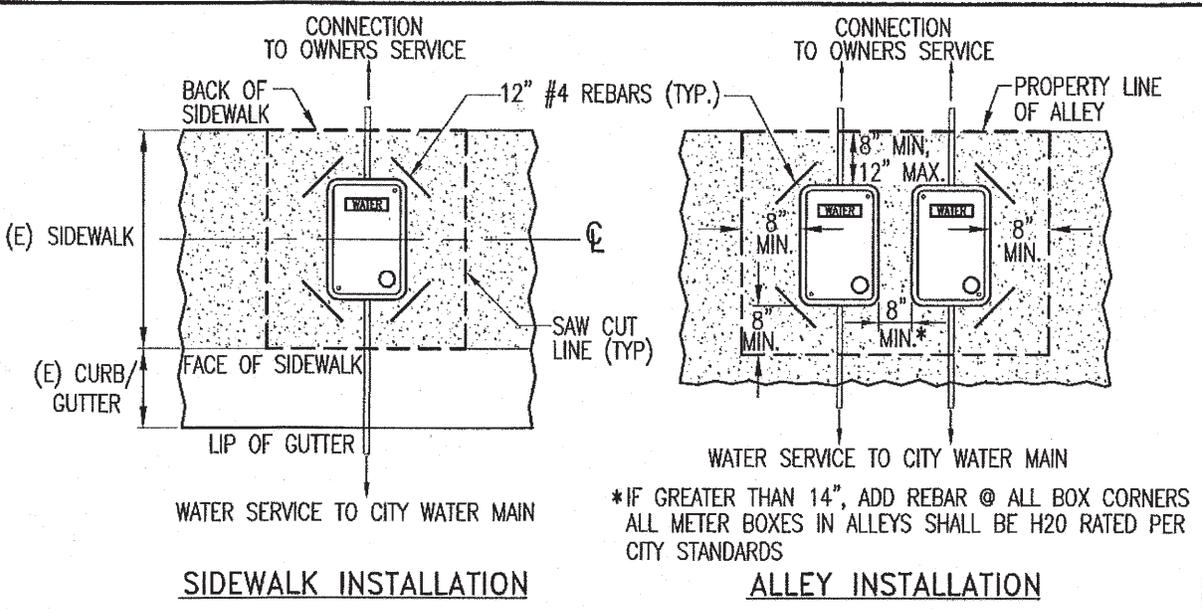
No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3706	11913000270000	3915	SAMOS WY		13' WELL, 7' NNC Samos in Box		
3707	11913000290000	3900	SAMOS WY				
3708	11913000390000	7678	BLUEBROOK WY				
3709	11913000400000	7674	BLUEBROOK WY				
3710	11913000410000	7670	BLUEBROOK WY				
3711	11913000420000	7666	BLUEBROOK WY				
3712	11913000430000	7662	BLUEBROOK WY	1.0	30' NSLL, 15' SNLL, 7' EEC in a box	30 NSLL, 15 SNLL, 16 WEC	
3713	11913000440000	7658	BLUEBROOK WY	1.0	17' NSLL, 7' EEC in Box		
3714	11913000450000	7654	BLUEBROOK WY				
3715	11913000460000	7650	BLUEBROOK WY				
3716	11913000470000	7646	BLUEBROOK WY				
3717	11913000480000	7642	BLUEBROOK WY				
3718	11913000490000	7638	BLUEBROOK WY	1.0			
3719	11913000500000	7634	BLUEBROOK WY				
3720	11913000510000	7630	BLUEBROOK WY				
3721	11913000520000	7626	BLUEBROOK WY				
3722	11913000530000	7622	BLUEBROOK WY				
		7618			#1) 27' WELL, 4' EWLL, 5' NNC of Blue Brook in box (07/21/05)		
3723	11913000540000		BLUEBROOK WY	1.0	#2) 6' EEC, On NPL in box (Old)		
3724	11913000550000	7614	BLUEBROOK WY				
3725	11913000560000	7610	BLUEBROOK WY				
3726	11913000570000	7606	BLUEBROOK WY				
3727	11913000580000	7600	BLUEBROOK WY	1.0	28' EEC of Teak, 8' NNC of Bluebrook In S/P	28 EEC of Teak/15 SNC of Bluebrook	
3728	11913000590000	7591	BLUEBROOK WY				
3729	11913000600000	7581	BLUEBROOK WY				
3730	11913000610000	7571	BLUEBROOK WY				
3731	11913000620000	7561	BLUEBROOK WY				
3732	11913000630000	7551	BLUEBROOK WY				
3733	11913000640000	7541	BLUEBROOK WY				
3734	11913000650000	3905	CLEARDALE WY				
3735	11913000660000	3915	CLEARDALE WY				
3736	11913000670000	3925	CLEARDALE WY				
3737	11913000680000	3935	CLEARDALE WY				
3738	11913000690000	3945	CLEARDALE WY				
3739	11913000700000	7641	BLUEBROOK WY				
3740	11913000710000	7633	BLUEBROOK WY				
3741	11913000720000	7629	BLUEBROOK WY				
3742	11913000730000	7619	BLUEBROOK WY	1.0	15'NSLL-30'SNLL-6'WWC		
3743	11913000740000	7615	BLUEBROOK WY				
3744	11920701490000	350	SUN SHOWER CR				
3745		0	CREEKSIDE CR	1.5			Common Irrigation
3746		0	CREEKSIDE CR	1.5			Common Irrigation

No.	APN	Street Number	Street Name	(E) Tap Size	(E) Curb Stop Location	(E) Corp Stop Location	Comments
3747		0	CREEKSIDE CR	1.5		Common Irrigation	
3748		0	CREEKSIDE CR	1.5		Common Irrigation	
3749		0	CREEKSIDE CR	1		Clubhouse	
3750		0	CREEKSIDE CR	1.5		Common Irrigation	
3751		0	CREEKSIDE CR	1.5		Common Irrigation	
3752		0	CREEKSIDE CR	1.5		Common Irrigation	
3753		0/8527	CALVINE RD	4			
3754		0/8527	CALVINE RD	4			
3755		0/8527	CALVINE RD	4			
3756		0/8527	CALVINE RD	4			
3757		0/8527	CALVINE RD	4			
3758		0/8527	CALVINE RD	4			
3759		0/8527	CALVINE RD	4			
3760		0/8527	CALVINE RD	4			
3761		0/8527	CALVINE RD	4			
3762		0/8527	CALVINE RD	4			
3763		0/8527	CALVINE RD	4			
3764		0/8527	CALVINE RD	4			
3765		0/8527	CALVINE RD	4			
3766		0/8527	CALVINE RD	4			
3767		0/8527	CALVINE RD	1			

# Appendix C

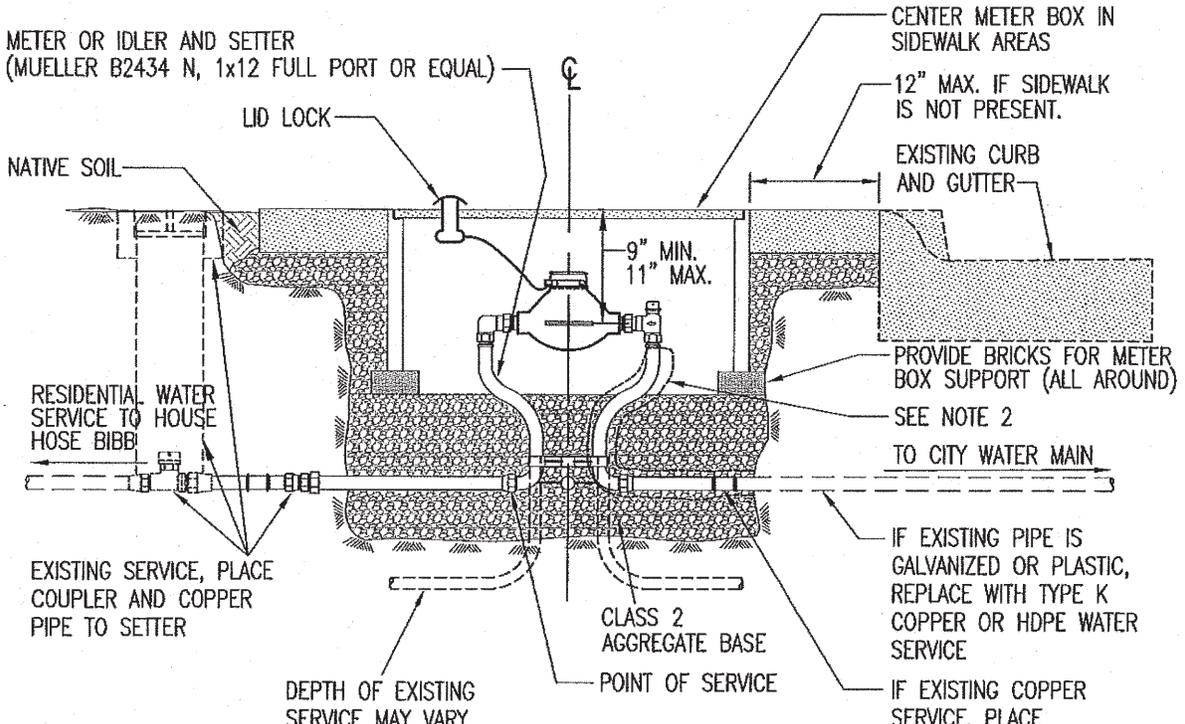
## Drawing Index

Drawing No.	Description
W-402R	Retrofit of 1-Inch Water Service Within Existing Sidewalk
W-402RB	Retrofit of 1-Inch Water Service at Back of Walk
W-402HB	Installation of Hybrid Water Service with Meter Box and Meter within Existing Sidewalks
W-404	Tap Excavation Requirements on Existing Mains Thru 12" Taps
W-405	1 " Residential Water Services
W-XXX	Three Options (for Connection to House)
W-Op1n3	Water Service Connection at Hose Bibb
W-507R	Retrofit of 1 ½-Inch & 2-Inch Water Service within Existing Sidewalk
W-509	Retrofit of 3"-8" Water Service without BF Device on Looped or Irrigation System
W-515	3"-8" Water Service Below Ground with Bypass (Compound Meters)



\*IF GREATER THAN 14", ADD REBAR @ ALL BOX CORNERS  
 ALL METER BOXES IN ALLEYS SHALL BE H20 RATED PER CITY STANDARDS

PLAN VIEW



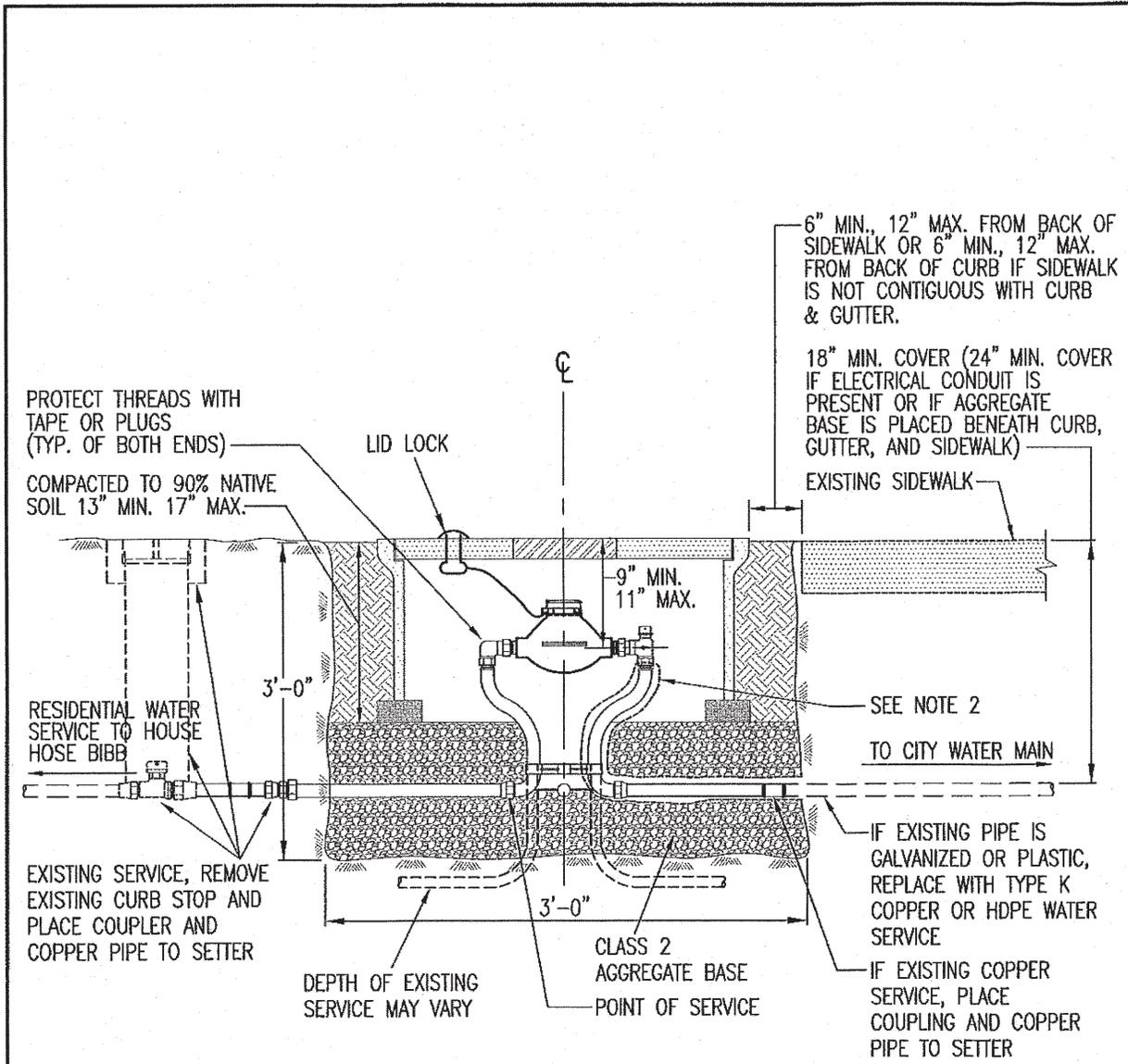
**NOTES:**

1. STRAIGHT METER VALVE MAY BE USED IN LIEU OF METER SETTER ON SERVICES WITH 20" OR LESS OF COVER.
2. 6 MIL POLYETHYLENE WRAP WITH 10 MIL TAPE SHALL BE REQUIRED ON COPPER TUBBING.
3. IF THERE IS LESS THAN 3 FEET FROM THE (E) CS TO THE BOW, THEN THE (E) WATER SERVICE BETWEEN THEM SHALL BE REPLACED PER CITY STANDARD.

REV.	DATE	DESCRIPTION

R:\Utilities\New\_Std\_Details\Meter\_Retrofit\_Details\W402R

<b>CITY OF SACRAMENTO</b> DEPARTMENT OF UTILITIES	RETROFIT OF 1-INCH WATER SERVICE	APPR'D BY: _____ NO SCALE DATE: _____ DWG. NO. <b>W-402R</b>
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**SECTION VIEW**

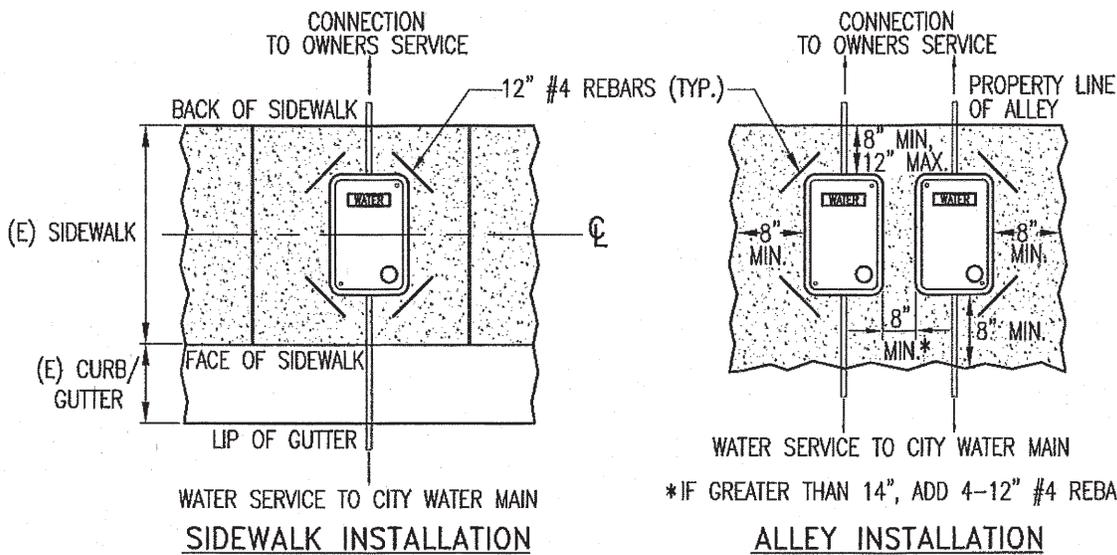
**NOTES:**

1. STRAIGHT METER VALVE MAY BE USED IN LIEU OF METER SETTER ON SERVICES WITH 20" OR LESS OF COVER.
2. 6 MIL POLYETHYLENE WRAP WITH 10 MIL TAPE SHALL BE REQUIRED ON COPPER TUBBING.
3. IF THERE IS LESS THAN 3 FEET FROM THE (E) CS TO THE BOW, THEN THE (E) WATER SERVICE BETWEEN THEM SHALL BE REPLACED PER CITY STANDARD.

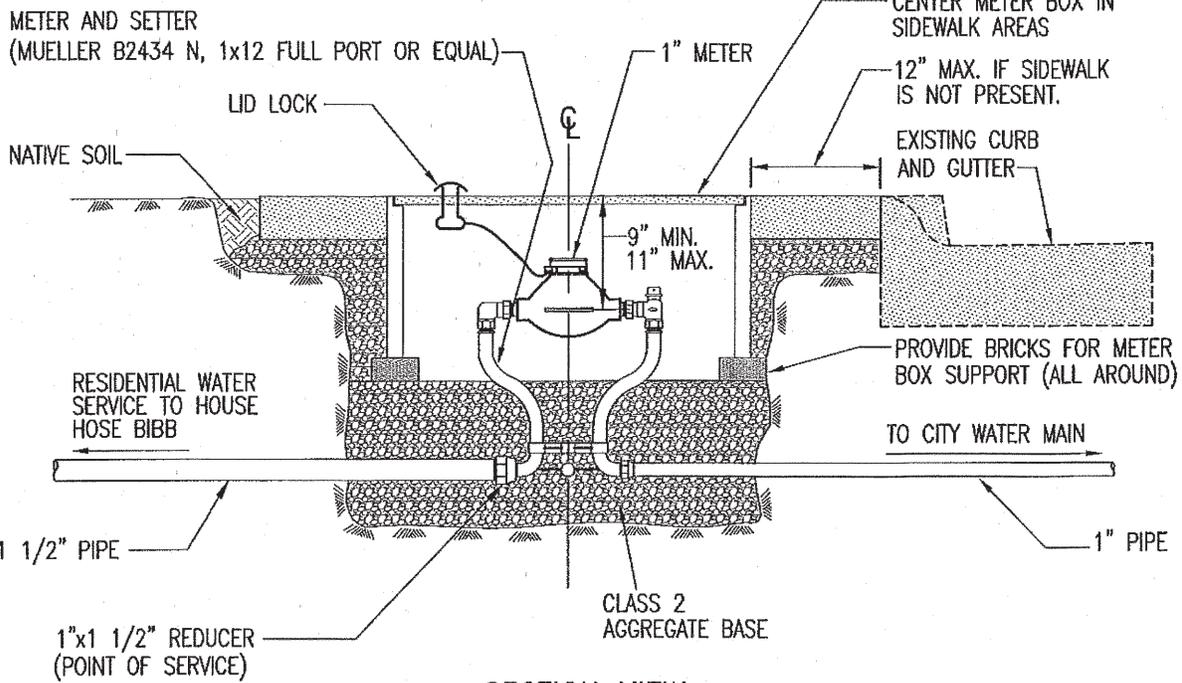
REV.	DATE	DESCRIPTION
▲		
▲		

<b>CITY OF SACRAMENTO</b> DEPARTMENT OF UTILITIES	<b>RETROFIT OF 1-INCH WATER SERVICE AT BACK OF WALK</b>	APPR'D BY: _____ NO SCALE DATE: _____ DWG. NO. <b>W-402RB</b>
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**PLAN VIEW**



**SECTION VIEW**

**NOTES:**

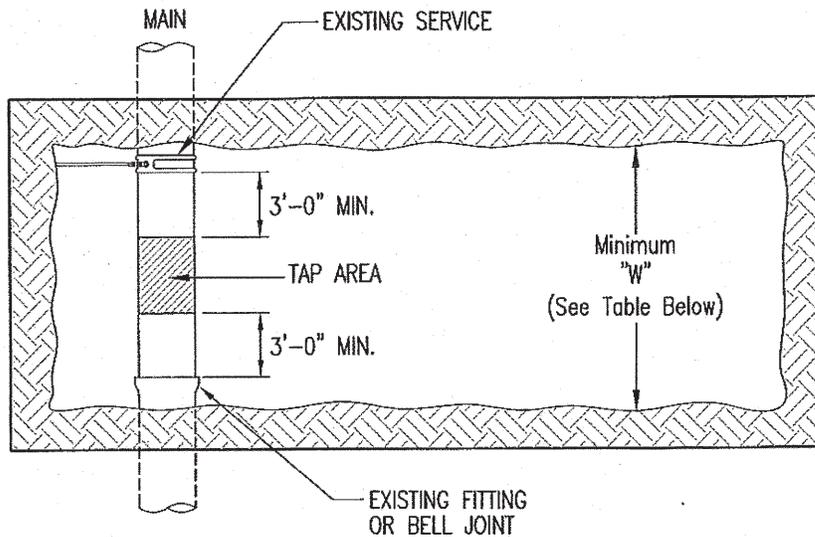
- 1. STRAIGHT METER VALVE MAY BE USED IN LIEU OF METER SETTER ON SERVICES WITH 20" OR LESS OF COVER.

**INSTALLATION OF HYBRID WATER SERVICES W/METER BOX AND METER WITHIN EXISTING SIDEWALKS**

REV.	DATE	DESCRIPTION

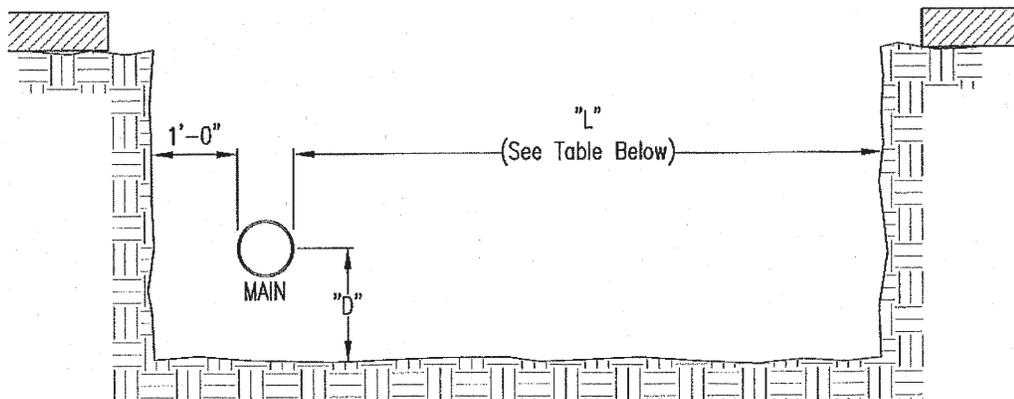
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<b>CITY OF SACRAMENTO</b> DEPARTMENT OF UTILITIES	INSTALL. OF HYBRID WTR SERV W/MET BOX AND METER WITHIN EXIST. SIDEWALKS	APPR'D BY: _____ NO SCALE DATE: _____ DWG. NO. <b>W-402HB</b>
--	--	--



**NOTE:**  
 CLEAR SEPARATION OF 3'-0"  
 SHALL BE MAINTAINED BETWEEN  
 ALL FITTINGS, BELLS, SADDLES, ETC.

**PLAN VIEW**



**SECTION VIEW**

TAP EXCAVATION REQUIREMENTS				
MAIN SIZE	TAP SIZE	DIMENSION "W"	DIMENSION "L"	DEPTH "D"
≤ 12"	1"-2"	3'-0"	5'-0"	1'-6"
	4"-6"	4'-0"	9'-0"	
	8"-12"	5'-0"	9'-0"	
> 12"	12"	7'-0"	9'-0"	4'-0"

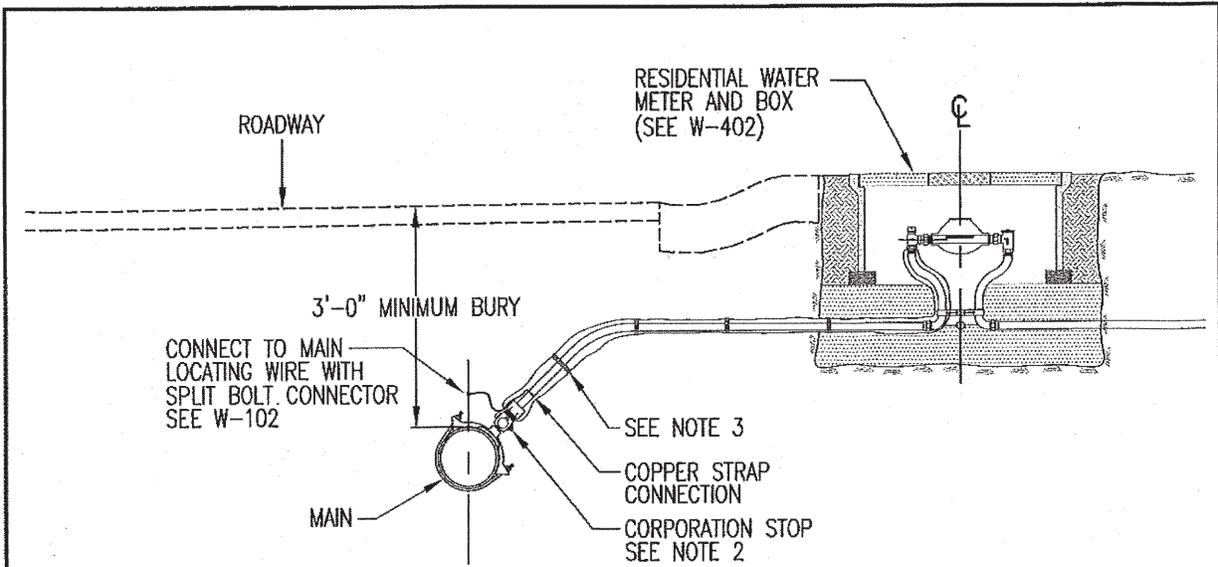
**NOTE:**  
 CONTRACTOR SHALL ENSURE TRENCH SAFETY AND TRAFFIC CONTROL.



REV.	DATE	DESCRIPTION
1		TITLE CORRECTION

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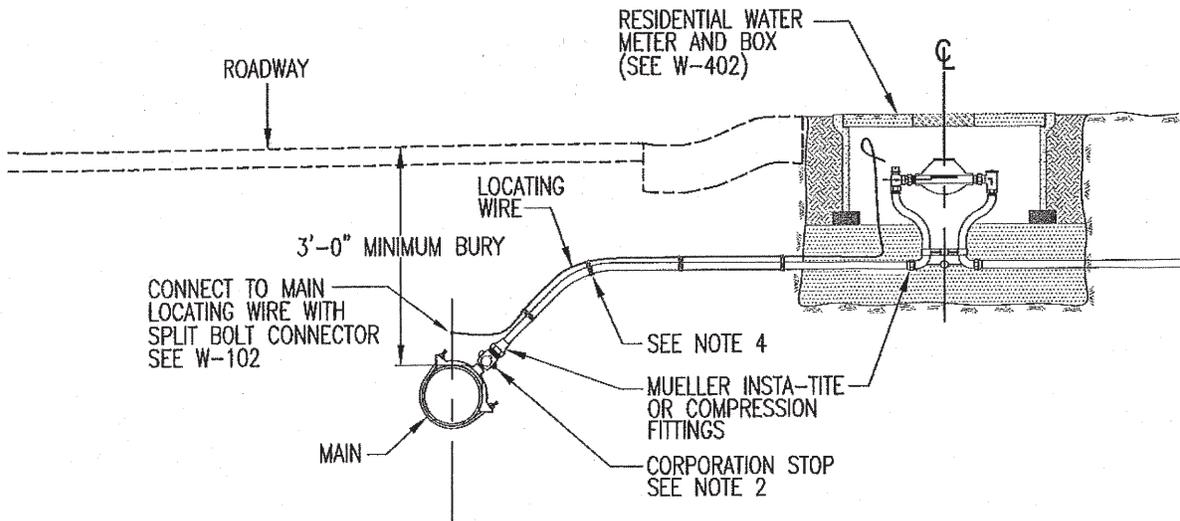
<b>CITY OF SACRAMENTO</b> DEPARTMENT OF UTILITIES	TAP EXCAVATION REQUIREMENTS	APPR'D BY: <i>DOB</i> NO SCALE
		DATE: MAY 2007 DWG. NO. <b>W-404</b>



**COPPER SERVICE INSTALLATION**

**NOTES:**

1. COPPER TUBING AND METER SETTER TO BE SAME SIZE AS CORPORATION STOP.
2. SEE STANDARD DRAWING W-403 FOR DETAIL OF CONNECTION TO MAIN.
3. 6 MIL POLYETHYLENE WRAP WITH 10 MIL TAPE @ 5' INTERVALS SHALL BE REQUIRED.



**HDPE SERVICE INSTALLATION**

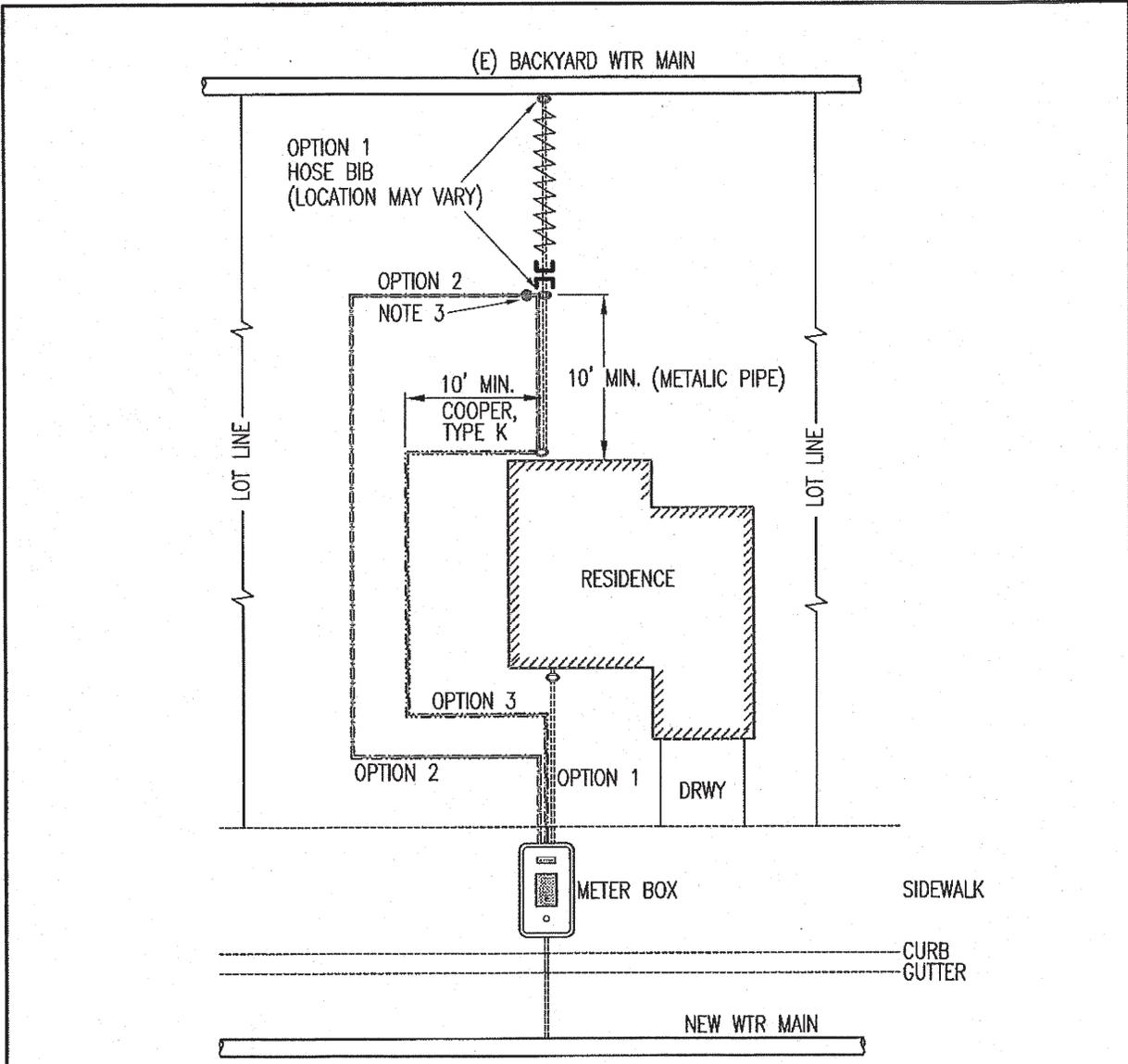
**NOTES:**

1. COPPER TUBING SIZE HDPE PIPE AND METER SETTER TO BE SAME SIZE AS CORPORATION STOP.
2. SEE STANDARD DRAWING W-403 FOR DETAIL OF CONNECTION TO MAIN.
3. LOCATING WIRE TERMINATING IN METER BOX SHALL EXTEND INSIDE BOX A MINIMUM OF 10".
4. CONNECT LOCATING WIRE TO HDPE USING 10 MIL TAPE @ 3' INTERVALS.

REV.	DATE	DESCRIPTION
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<b>CITY OF SACRAMENTO</b> DEPARTMENT OF UTILITIES	1" RES. WATER SERVICES 1" RES. WATER SERVICES	APPR'D BY: <i>DOB</i> DATE: MAY 2007	NO SCALE DWG. NO. <b>W-405</b>
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**OPTION 1:** TITLE

1. CONNECT TO FRONT HOSE BIBB.
2. CAP & ABANDON (E) SERVICE A MINIMUM OF 10' FROM HOUSE GROUND AT HOSE BIBB.
3. PLACE NEW HOSE BIBB A MIN. OF 10' FROM HOUSE AT OWNERS CHOICE OF LOCATION.

**NOTE:**  
REFER TO DWG. W-406 FOR CONNECTION AT HOSE BIBB.

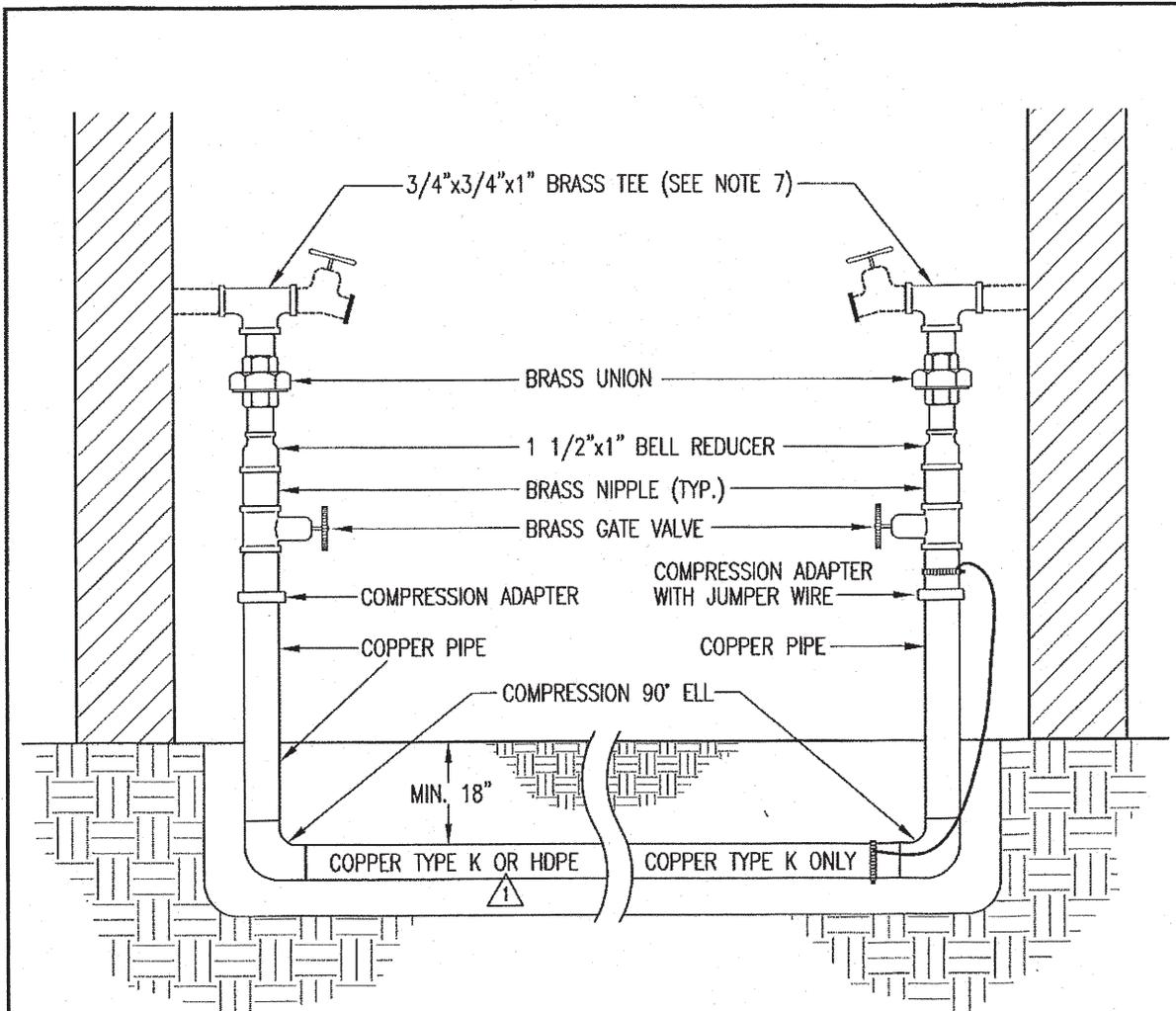
- OPTION 2:**
1. RUN NEW WTR SERVICE TO BACKYARD.
  2. CONNECT TO EXISTING SERVICE A MIN. OF 10' FROM HOUSE GROUND AT HOSE BIBB.
  3. INSTALL 1 1/2" WHEEL VALVE w/6" SDR 35 STAND PIPE, & CARSON L910 BOX OR EQUAL AT THE CONNECTION POINT.

- OPTION 3:**
1. RUN NEW WTR SERVICE TO BACKYARD.
  2. CONNECT TO HOUSE AT HOSE BIBB.
  3. PLACE A MIN. OF 10' OF 1 1/2" COPPER FROM HOSE BIBB.

REV.	DATE	DESCRIPTION
△		
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<b>CITY OF SACRAMENTO</b> DEPARTMENT OF UTILITIES	THREE OPTIONS	APPR'D BY: _____ NO SCALE DATE: MAY 2013      DWG. NO. <b>W-XXX</b>
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**OPTION 1**

**OPTION 3**

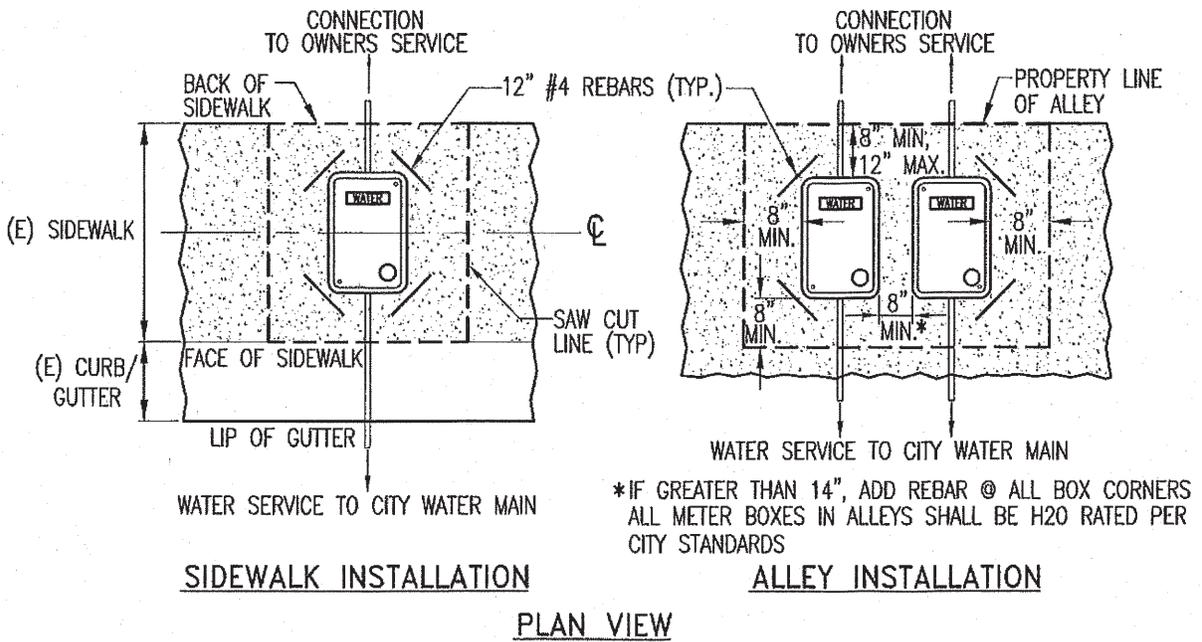
GENERAL NOTES

1. WATER SERVICE PIPE SHALL BE 1½-INCH IN DIAMETER UP TO ABOVE GROUND TEE.
2. WHENEVER COPPER WATER SERVICE PIPE IS IN DIRECT CONTACT WITH CONCRETE, THE CONTRACTOR SHALL WRAP COPPER PIPE IN 35 MIL POLYKIN OR EQUAL, OR PLACE IN CASING.
3. WATER SERVICE PIPE MAY BE PLACED IN AN EXCAVATED TRENCH AND BACKFILLED, OR DIRECTIONALLY DRILLED.
4. PIPE ALIGNMENT SHALL NOT PASS UNDER ANY STRUCTURE.
5. WATER SERVICES AND THEIR INSTALLATION SHALL MEET APPLICABLE REQUIREMENTS OF SECTION 10 THRU 38 OF THESE SPECIFICATIONS.
6. TO TRANSITION FROM GALVANIZED PIPE TO COPPER PIPE, PLACE A BRASS UNION W/BRASS GATE VALVE BETWEEN GALVANIZED PIPE AND COPPER PIPE.
7. TEE TO MATCH SIZE OF EXISTING HOUSE PLUMBING IF LARGER THAN 3/4"

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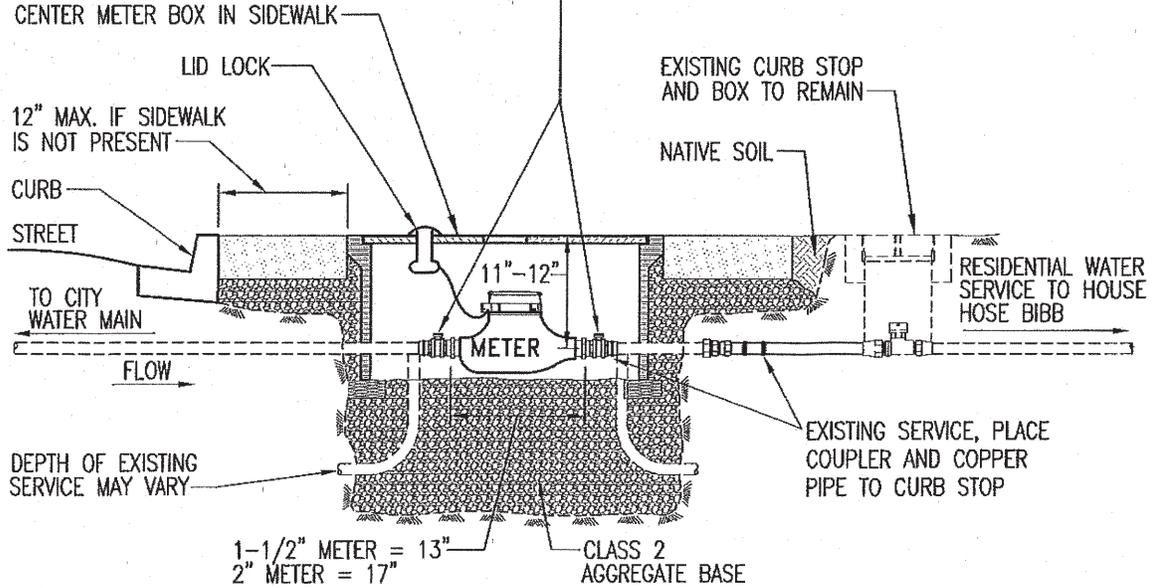
REV.	DATE	DESCRIPTION
1	03-22-12	Type K Only

<b>CITY OF SACRAMENTO</b> DEPARTMENT OF UTILITIES	<b>WATER SERVICE</b> CONNECTION AT HOSE BIBB	APPR'D BY: <i>DOB</i> NO SCALE DATE: MAY 2007 DWG. NO. W-Optn3
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STRAIGHT METER VALVE	ANGLE METER VALVE
1-1/2" & 2" MUELLER METER VALVE B-24335 OR EQUAL	1-1/2" & 2" MUELLER ANGLE METER VALVE B-24276 OR EQUAL

\*PACK JOINTS ARE NOT ALLOWED.



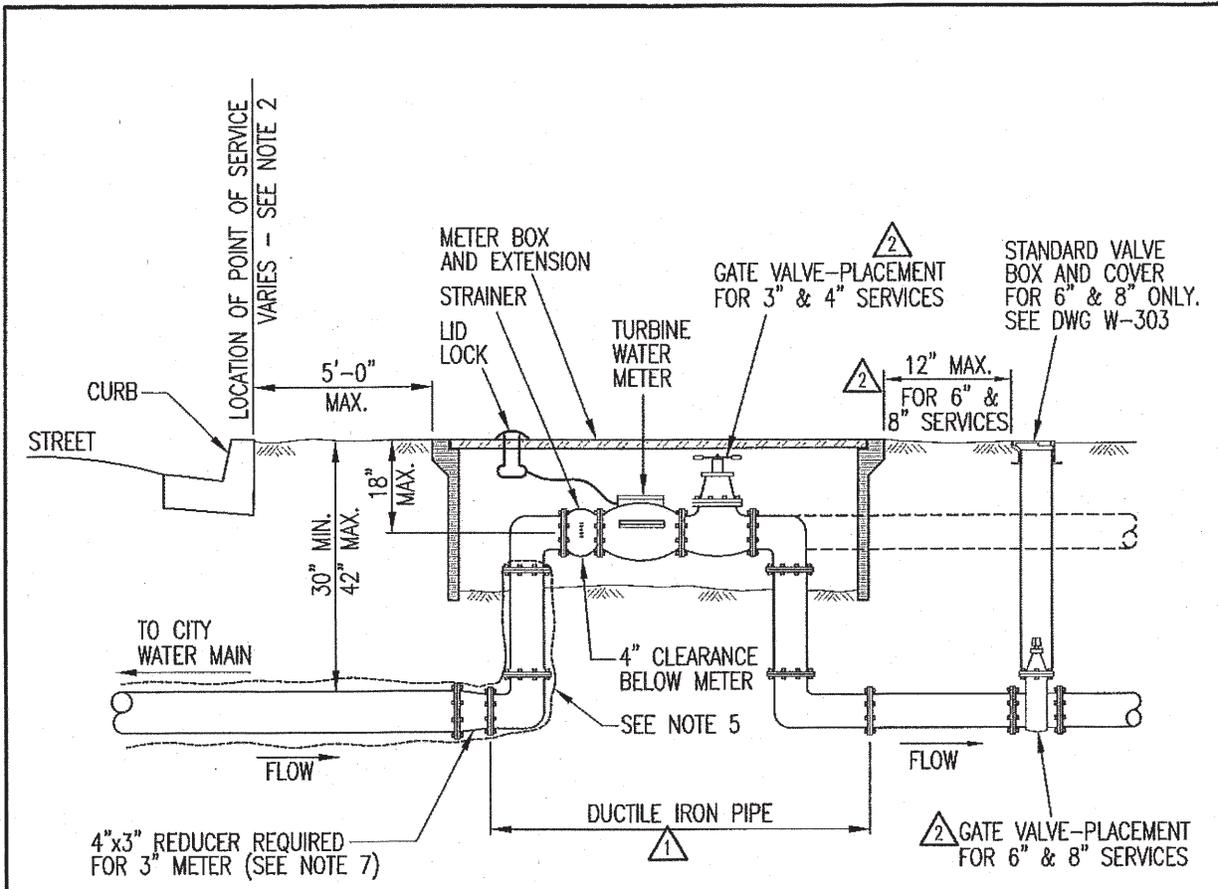
**NOTES:**

- FOR REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY NOTES, SEE DRAWING W-505.
- IF EXISTING SERVICE IS PLASTIC OR GALVANIZED, REPLACE SERVICE WITH TYPE K COPPER OR HDPE SERVICE MATERIAL TO EXISTING CURB STOP.

REV.	DATE	DESCRIPTION
△		
△		
△		

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<b>CITY OF SACRAMENTO</b> DEPARTMENT OF UTILITIES	RETROFIT OF 1 1/2 & 2-INCH WATER SERVICE WITHIN EXISTING SIDEWALK	APPR'D BY: _____ NO SCALE
		DATE: _____ DWG. NO. <b>W-507R</b>



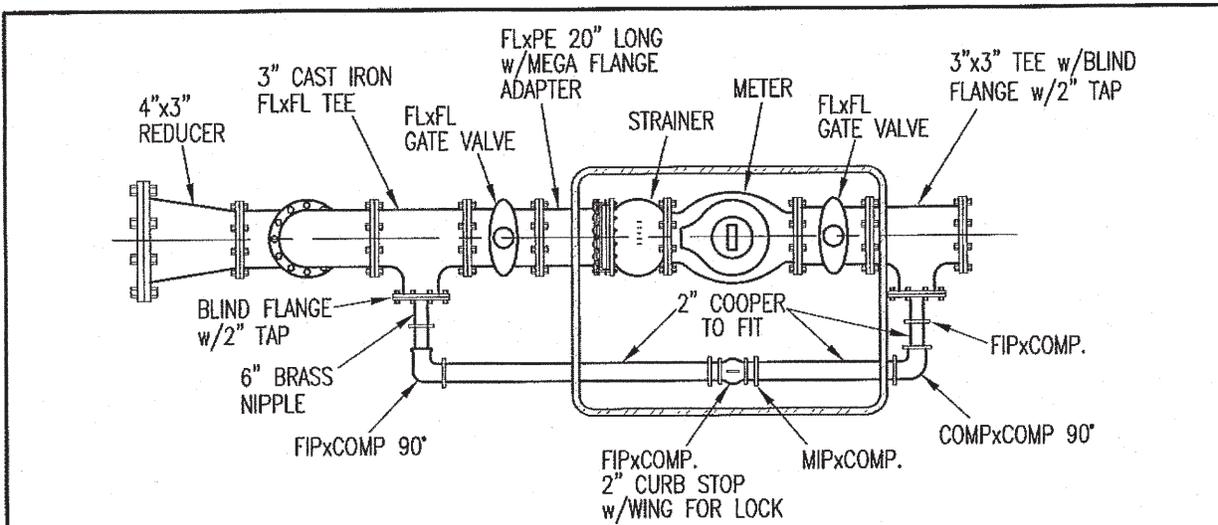
NOTES: <sup>2</sup>

1. INSTALLATION AND TESTING SHALL BE IN ACCORDANCE WITH THE CURRENT CROSS CONNECTION CONTROL POLICY.
2. POINT OF SERVICE:
  - A. POINT OF SERVICE IS THE BACK OF CURB FOR ALL CITY STREETS WITH PLANTER STRIPS.
  - B. POINT OF SERVICE IS THE BACK OF SIDEWALK FOR STREETS WITH SIDEWALK CONTIGUOUS WITH CURB AND GUTTER
  - C. POINT OF SERVICE IS THE RIGHT-OF-WAY LINE ON ALL ALLEYS AND UNIMPROVED STREETS.
  - D. WHERE THE POINT OF SERVICE IS UNCLEAR THE LOCATION SHALL BE DETERMINED BY THE DEPARTMENT OF UTILITIES METER SUPERVISOR.
3. A CITY PROVIDED STRAINER AND/OR TEST SPOOL MAY BE REQUIRED.
4. TEST SPOOL, IF REQUIRED, WILL BE INSTALLED BETWEEN THE WATER METER AND THE CHECK VALVE. THE TEST SPOOL IS FOR CITY USE ONLY.
5. 6 MIL POLYETHYLENE WRAP WITH 10 MIL TAPE SHALL BE REQUIRED FOR ALL UNDERGROUND DUCTILE IRON PIPE. <sup>1</sup>
6. METER BOXES SHALL NOT BE INSTALLED IN SIDEWALKS UNLESS OTHERWISE SPECIFIED/APPROVED BY THE UTILITIES METER SUPERVISOR.
7. THREE-INCH ON-SITE WATER SERVICE REQUIRES A 4" TAP, 4"x3" REDUCER, 3" METER AND 3" BACKFLOW ASSEMBLY. 4-INCH AND LARGER SERVICES REQUIRES TAP SIZE EQUIVALENT TO METER SIZE.

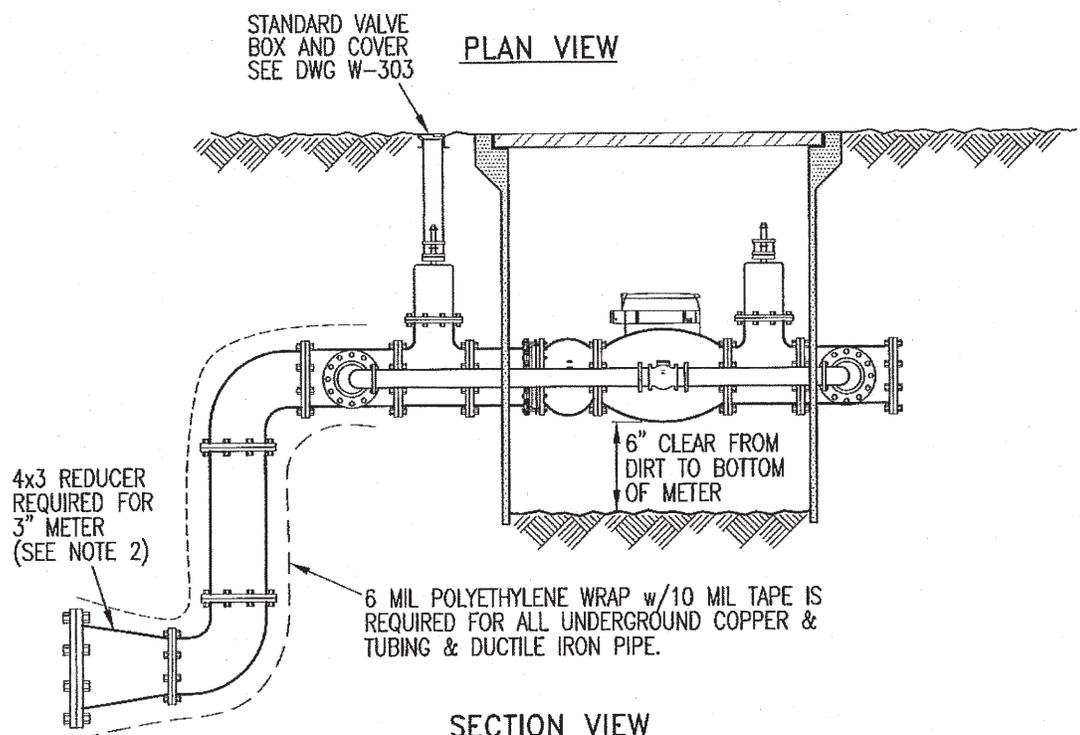
REV.	DATE	DESCRIPTION
<sup>1</sup>	01-06-09	NO COPPER
<sup>2</sup>	11-16-11	VALVE SIZES/NOTES
<sup>3</sup>		

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CITY OF SACRAMENTO DEPARTMENT OF UTILITIES	RETROFIT OF 3"-8" WATER SERVICE WITHOUT BF DEVICE ON LOOPED OR IRRIGATION SYSTEM	APPR'D BY: <i>D. B. J.</i> NO SCALE
		DATE: MAY 2007 DWG. NO. W-509



**PLAN VIEW**



**SECTION VIEW**

**TYPE AND SIZE BOXES:**

- 3" AND 4" IN TRAFFIC = 3048 BOX W/ H2O RATED COVER
- 3" AND 4" IN PLANTER AREA = B48 BOX WITH 2 PIECE CONCRETE COVERS.
- 6" IN PLANTER AREA = B52 BOX WITH 3 PIECE CONCRETE COVERS
- 6" IN TRAFFIC AREA = R10 PIT W/ H2O TRAFFIC RATED STEEL SPRING LOADED COVER
- 8" IN PLANTER AREA = R17 PIT W/ 4 PIECE STEEL COVER
- 8" IN TRAFFIC AREA + R17 PIT W/ H2O RATED STEEL SPRING LOADED COVER

**NOTES:**

1. ALL BOX LIDS MUST HAVE 2-2" RECESSED HOLES TO ACCOMMODATE LID LOCKS.
2. 3" ON-SITE WATER SERVICE REQUIRES A 4" TAP, 4"x3" REDUCER, 3" METER AND 3" BACKFLOW ASSEMBLY. 4" AND LARGER METERS REQUIRES TAP SIZE EQUIVALENT TO METER SIZE.

REV.	DATE	DESCRIPTION
▲	11-16-11	NEW DETAIL
▲		
▲		

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<b>CITY OF SACRAMENTO</b> DEPARTMENT OF UTILITIES	3" - 8" WATER SERVICE BELOW GROUND WITH BYPASS (COMPOUND METERS)	APPR'D BY: <i>M. O. Knott</i> NO SCALE DATE: NOV 2011 DWG. NO. <b>W-515</b>
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# **Appendix D**

## **Notification Letters**

**Water Meter Installation [Distribute 7 working days prior to beginning work]**

(CONTRACTOR LETTER HEAD)

Dear Resident,

The City of Sacramento, Department of Utilities, awarded a construction contract to (Contractor) to install water meters at various commercial and residential properties in your neighborhood. A new meter and box will be constructed at the point of service to each property. Also, miscellaneous improvements may be made to service laterals, water mains, and fire hydrants as necessary to complete this project in your neighborhood.

During the course of construction, on street parking may be temporarily removed to accommodate traffic and construction work. Access to your driveway may be temporarily restricted when construction takes place in front of your house. Our work hours are typically between 7 AM to 5 PM.

General public and construction crew safety is of primary concern to us and we encourage you to observe the construction signs. We realize this construction project may be a temporary inconvenience and we will strive to minimize the impacts to the residents.

If you have any questions or problems, please contact any one of the project representatives listed below:

Contractor Superintendent: Name: Phone Number

City Inspector: Name: Phone Number

City Project Manager: Name: Phone Number

Work is scheduled to begin in your neighborhood on \_\_\_\_\_.

Thank you for your cooperation on this very important project.

**Constructing Water Main [Distribute 7 working days prior to beginning work]**

(CONTRACTOR LETTER HEAD)

Dear Resident,

The City of Sacramento, Department of Utilities, awarded a construction contract to (Contractor) to replace the water distribution main and water services in your neighborhood. A new water main will be constructed in the street and water services will be constructed from the new main to each home. Also, new fire hydrants will be constructed to improve fire protection in your neighborhood.

During the course of construction, on street parking may be temporarily removed to accommodate traffic and construction work. Access to your driveway may be temporarily restricted when construction takes place in front of your house. At the end of each work day, we will backfill the trench, place temporary paving or place steel plates over trench, and open all lanes of traffic to the public. Our work hours are typically between 7 AM to 6 PM.

General public and construction crew safety is of primary concern to us and we encourage you to observe the construction signs. We realize this construction project may be a temporary inconvenience and we will strive to minimize the impacts to the residents.

If you have any questions or problems, please contact any one of the project representatives listed below:

Contractor Superintendent: Name: Phone Number

City Inspector: Name: Phone Number

City Project Manager: Name: Phone Number

Pipeline work is scheduled to begin in your neighborhood on \_\_\_\_\_.

Once the pipeline is constructed, we will return to your street to install the water service to each home, disinfect and pressure test the pipelines and restore paving and landscaping. The anticipated project completion date is \_\_\_\_\_.

Thank you for your cooperation on this very important project.

**Appendix E**  
**Contractor Source Documents for Monthly**  
**Billing - Example**



# **Appendix F**

## **Sidewalk Closure Policy**

## Sidewalk Closures Policy

### **Background:**

For any sidewalk closure there needs to be an alternate accessible pedestrian route and is hereto defined as a path of travel when an existing pedestrian route is blocked by construction, alteration, maintenance, or other temporary conditions. Currently the City of Sacramento's DOT addresses this issue via the Contract Special Provisions and Traffic Control Plan (to include vehicle, pedestrian, bicycle, etc.) submitted to staff before construction activities begin. Although the current special provisions address access to pedestrians with disabilities in concept, more specificity and clarification are needed in order to keep abreast of the public rights-of-way accessibility requirements and to create a consistent set of standards for the individuals/entities who do construction work in the City's rights-of-way.

### **Accessibility Requirements:**

Section R302 of the Revised Draft Guidelines for the Public Rights-of-Way published in November of 2005 by the United States Access Board, requires an alternate access route when the existing pedestrian route is temporarily closed. Although the Draft Guidelines are not currently enforceable by the US Department of Justice, they represent best practices that should be followed when appropriate. It is preferable that the alternate accessible pedestrian route is adjacent to the initial path of travel where feasible. The alternate accessible route shall be clearly marked and detectable by pedestrians with visual impairments. In cases where the alternate accessible pedestrian route cannot be maintained adjacent to the construction site, pedestrians may be routed to the opposite side if adequate signage and appropriate and safe crossing options are provided. Particular attention is directed to the California MUTCD, Chapter 6D – Pedestrian and Worker Safety and Chapter 6F – Temporary Traffic Control Zone Devices.

### **Standards:**

Before the beginning of construction or before an encroachment permit is approved, the Project Manager or Contractor shall submit a traffic control plan whereby she/he specifically outlines the alternate accessible pedestrian route. The traffic control plan will be reviewed by the Department of Transportation staff for compliance. In designating an alternate accessible pedestrian route, the following accessibility elements must be followed to the maximum extent feasible:

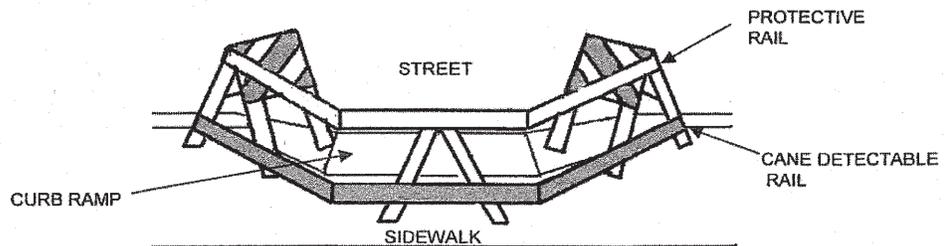
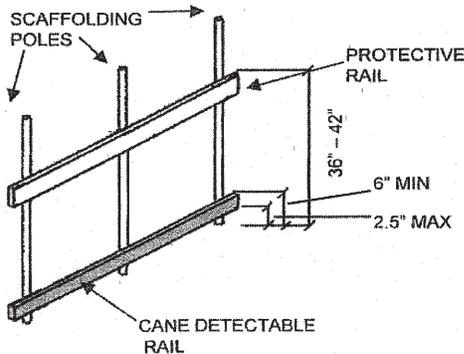
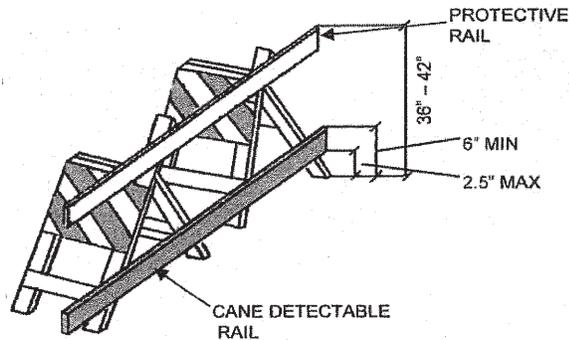
1. Overall, tape and traffic cones are not acceptable methods for directing or guiding pedestrians to an alternate route or providing a barricade due to their lack of detectability by pedestrians who are blind and use a long cane to navigate.
2. It is preferable for the alternate accessible pedestrian route to be adjacent to the initial path of travel where it is safe and feasible to do so.
3. The sidewalk's running slope must be equal to that of the adjacent vehicular way
4. No vertical displacements greater than ¼ of an inch are allowed within the walking surface; if a displacement of greater than ¼ of an inch exists it can be temporarily

- mitigated by a asphalt patch not to exceed a 1:12 (8.33%) slope.
5. The clear width of the alternate pedestrian route shall be 48" minimum.
  6. Single points are allowed to reduce to 36" for a distance of up to 2 ft.
  7. No objects shall protrude more than 4" between 27" and 80" in height and into the path of travel.
  8. Where a sidewalk closure or channeling is required it shall conform to the required elements applicable to sidewalk barricades shown in Attachment 1 (See Pedestrian Barricades). The top of the bottom rail of the barricade shall be no less than 6" above ground and the bottom of the bottom rail of the barricade shall be no more than 2.5" above the ground for long cane detectability. The bottom rail is to be highly visible, painted orange, white, or yellow. The top of the top rail of the barricade shall be between 36"- 42" above ground. The rails shall extend across barricades for the full width of the closed sidewalk or curb ramp. When rails are used to channel pedestrians the rails shall extend the entire length of the temporary path of travel so that there are no gaps in the rails.
  9. Where temporary fencing delineates and parallels the edge of the walkway, the footings of the fence shall be kept outside the 48" walkway to eliminate tripping hazards.
  10. Where curb, gutter or sidewalk is removed, barricades are to be installed by the contractor. Barricades shall remain in place a minimum of 72 hours after concrete has been poured on new curb, gutter, and sidewalk. Contractors shall be responsible for monitoring and keeping barricades placed on curb, gutter, and sidewalk work site during the 72 hour requirement and/or until paved back.
  11. Where detours are provided, sidewalk signs indicating that the sidewalk, curb ramp, or both the sidewalk and curb ramp are closed to through pedestrian traffic are required. These signs shall be placed so as to provide ample warning of the detour to people with mobility impairments and minimize backtracking. Signs shall be placed so that they are visible from the sidewalk before the detour begins (see Attachment 2 for sign placement).
  12. During detours, access shall be provided by directing all pedestrian traffic to the unaltered side of the street where marked crossings and usable curb ramps exist; if such elements do not exist, temporary marked crosswalks and temporary ramps shall be provided. Any plan proposing temporary marked crosswalks and ramps must be approved by Traffic Engineering.
  13. In the Downtown area, which is bounded by Highway 50, Sacramento River, American River, and Business 80, the Contractor will only be allowed to work at one (1) corner of an intersection at one time, or up to two (2) corners of any two adjacent intersections, all on the same side of the primary street being constructed.
  14. In all other areas, the Contractor shall be allowed to work at up two (2) corners of an intersection at one time, or at up to three (3) corners of any two adjacent intersections, all on the same side of the primary street being constructed.
  15. No additional construction work shall be allowed at the two (2) adjacent intersections until the truncated domes are fully installed.

**Proposed variances from the above guidelines shall be reviewed and approved by the Construction Traffic Management Engineer and ADA Physical Access Manager.**

Rev. 10/07

## Pedestrian Barricade



### BARRICADE ELEMENTS

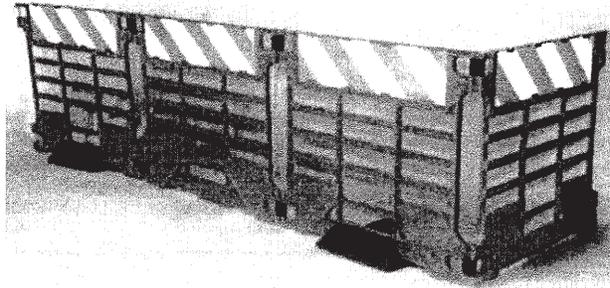
#### (Minimum Requirements)

- Tape and traffic cones not acceptable.
- Cane detectable, solid rail a maximum of 2.5" above grade and a minimum of 6" above grade that extends across entire width of sidewalk/curb ramp.
- Solid protective rail 36" - 42" above grade that extends across the entire width of the sidewalk/curb ramp.
- Cane detectable rail is highly visible, painted either orange, white, or yellow and should match the color of the adjacent channeling or traffic control devices, if any are present.
- When used to channel pedestrians, the rails shall extend the entire length of the temporary walkway so that there are no gaps in the rail.

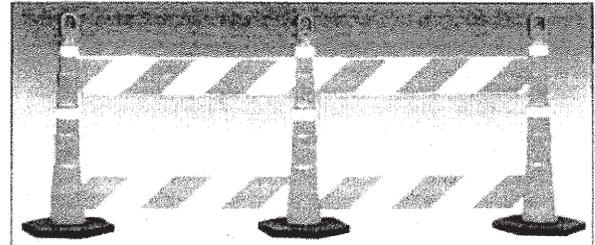
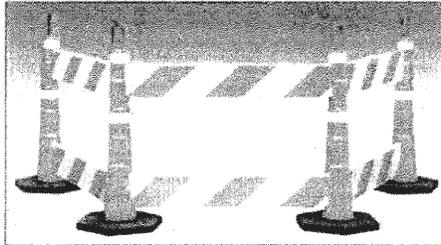
#### OPTIONS

- Type I, II, or III barricades placed end to end and fastened together to create one rigid barrier with rails that meet above requirements.
- Chain link fencing equipped with toe rail that extends the entire length of the temporary walkway and protrudes to the face of the footings.
- See California MUTCD, sections 6D and 6F.68 for additional guidance.

**Attachment 1**



**Remcon Plastics, Incorporated**  
[www.remcon.com/safety-products/pedestrian-barricade](http://www.remcon.com/safety-products/pedestrian-barricade)



**Plastic Safety Systems, Incorporated**  
[www.plasticsafety.com/barricade.navigator.asp](http://www.plasticsafety.com/barricade.navigator.asp)



Pedestrian Channeling Using Type 1 Barricade

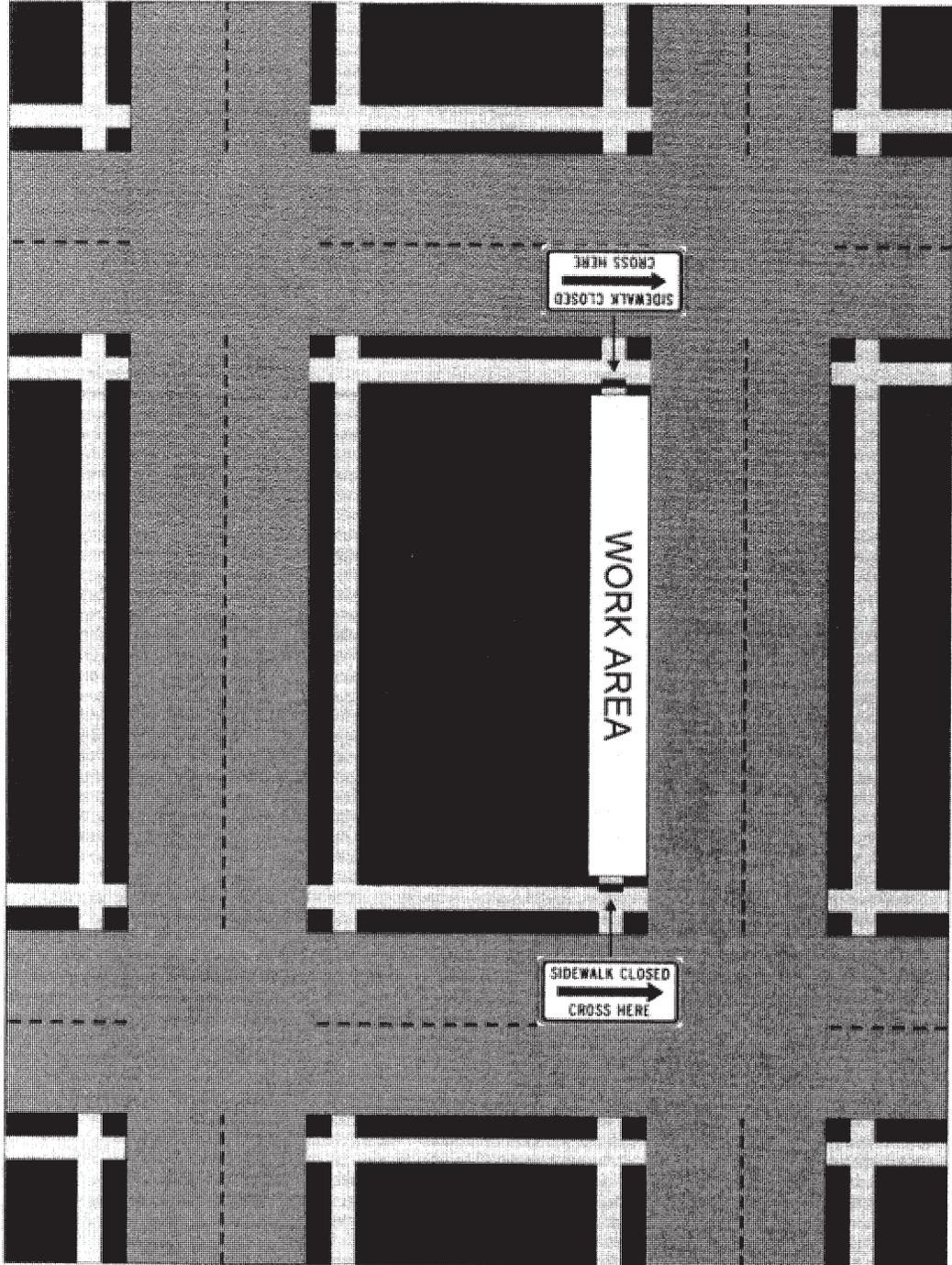


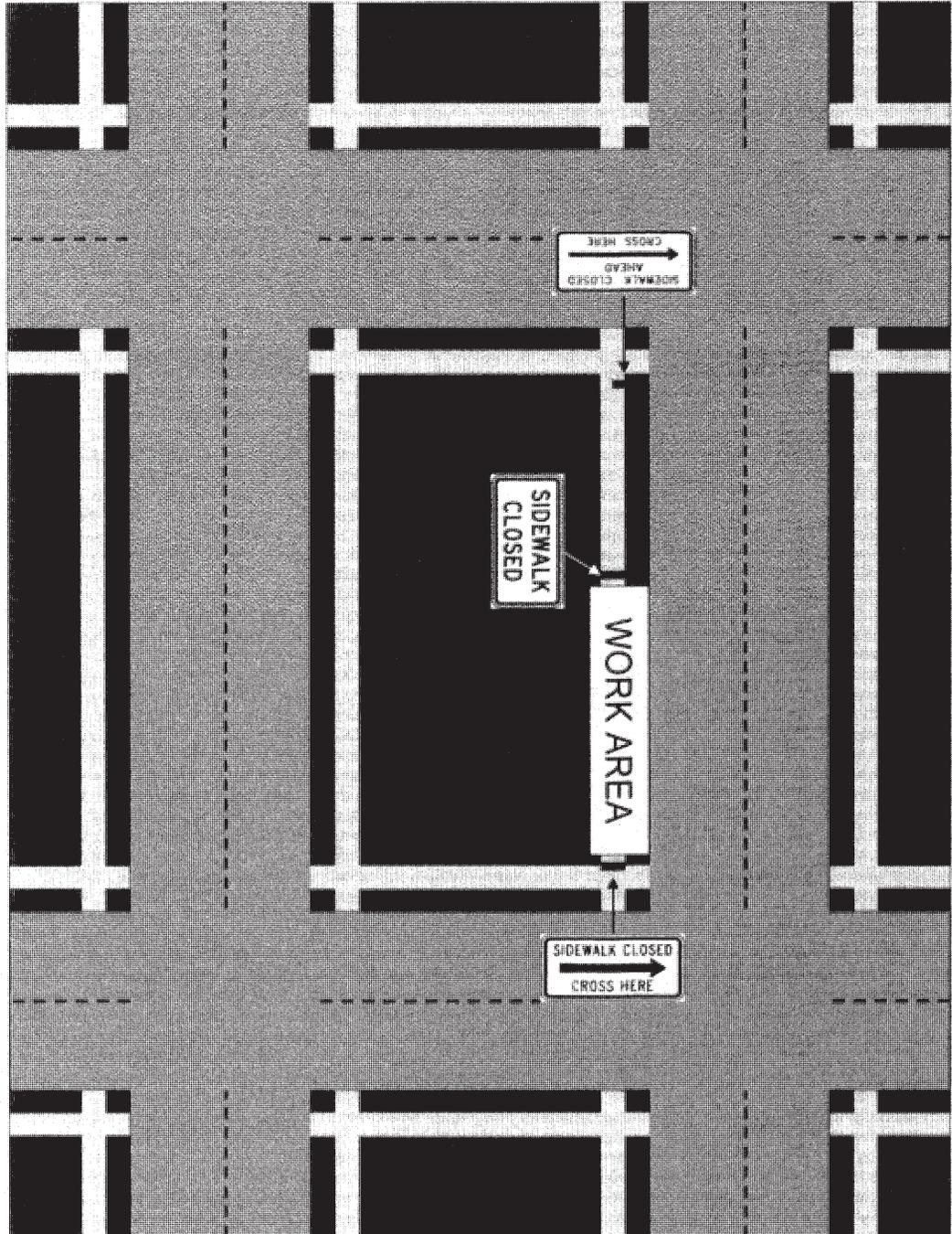
**Pedestrian Channeling Using Type 1 Barricade**

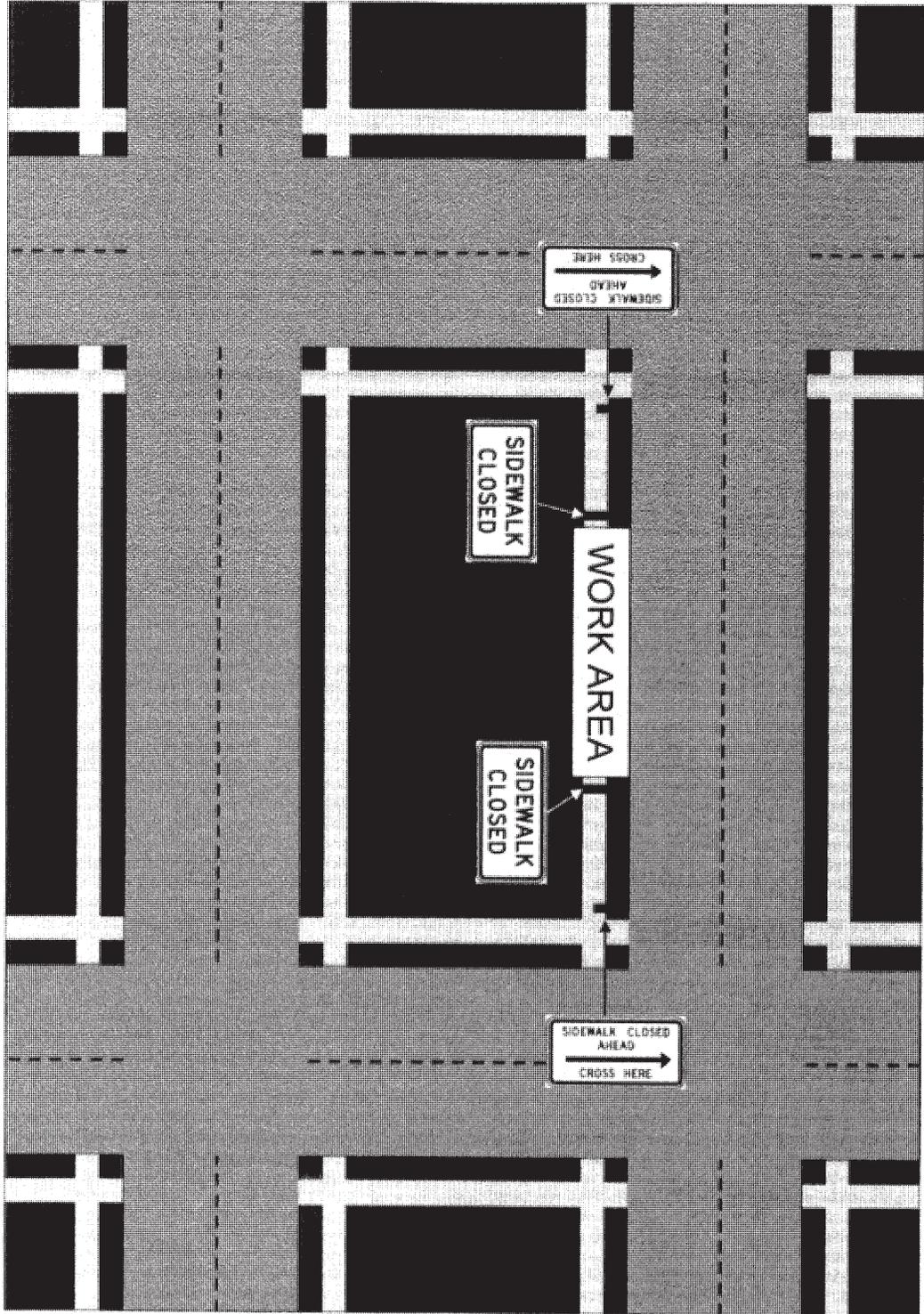
## Sidewalk Closure Signs

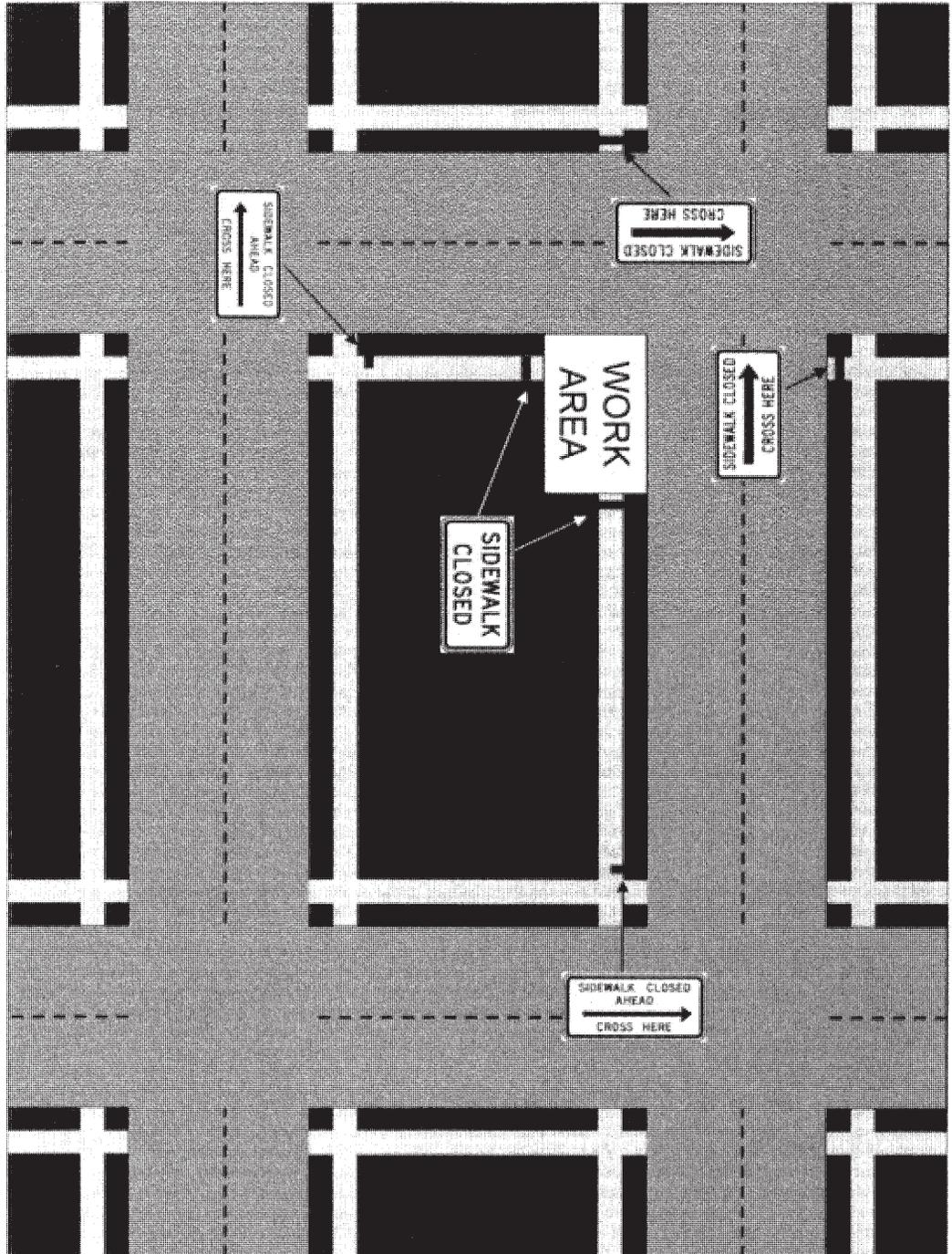
- This attachment should be used as a guide in directing the placement and design of warning signs for sidewalk closures. Signs shall conform to the standards in the current edition of the California MUTCD. Any variation of the signs used shall be approved by the responsible city engineer.
- **SIDEWALK CLOSED (R9-9):** Installed at the beginning of the closed sidewalk, at the intersections preceding the closed sidewalk, and elsewhere along the closed sidewalk as needed.
- **SIDEWALK CLOSED, (ARROW) USE OTHER SIDE (R9-10):** Installed at the beginning of the restricted sidewalk when a parallel sidewalk exists on the other side of the roadway.
- **SIDEWALK CLOSED AHEAD, (ARROW) CROSS HERE (R9-11):** Used to indicate to pedestrians that sidewalks beyond the sign are closed and to direct them to open crosswalks, sidewalks, or other travel paths.
- **SIDEWALK CLOSED, (ARROW) CROSS HERE (R9-11a):** Installed just beyond the point to which pedestrians are being redirected.

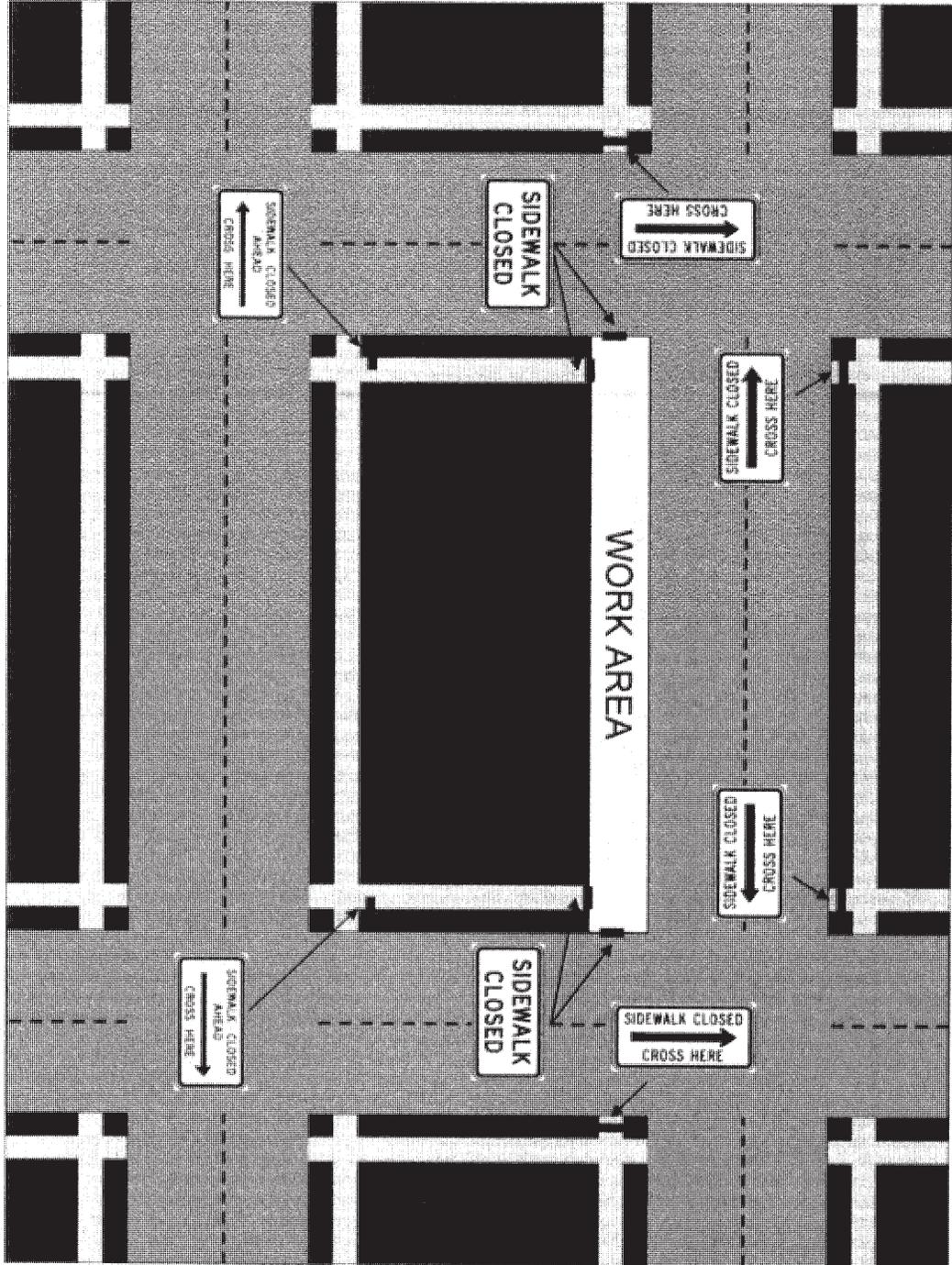
These signs are typically mounted on a detectable barricade to encourage compliance and communicate with pedestrians that the sidewalk is closed. The barricade shall extend the entire width of the sidewalk where the sidewalk is closed. When indicating that a sidewalk is closed ahead, the sign shall be placed so it is visible to pedestrians while maintaining a 4 foot minimum walkway. The signs are reflective, made of aluminum, and printed with black lettering on a white background. Details of various signs can be found in the "Standard Highway Signs" book.

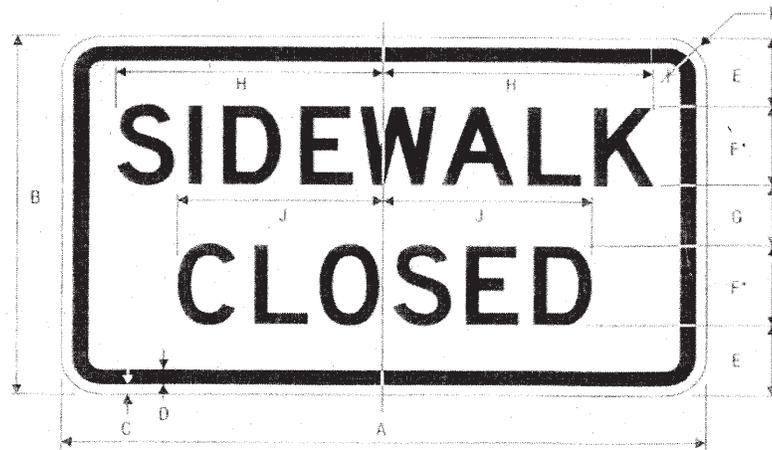








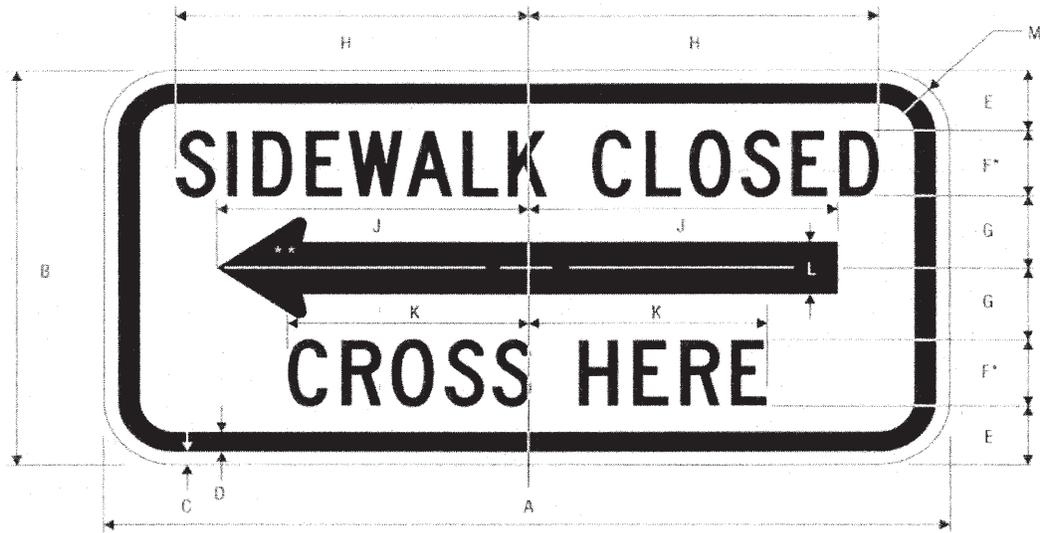




R9-9  
SIDEWALK CLOSED

	A	B	C	D	E	F	G	H	J	K
	24	12	.375	.625	2.125	3.0"	1.75	9.367	7.225	1.5
<b>C</b>	30	18	.625	.875	3.5	4.0"	3	12.490	9.622	2.25

COLORS: LEGEND — BLACK  
BACKGROUND — WHITE (RETROREFLECTIVE)



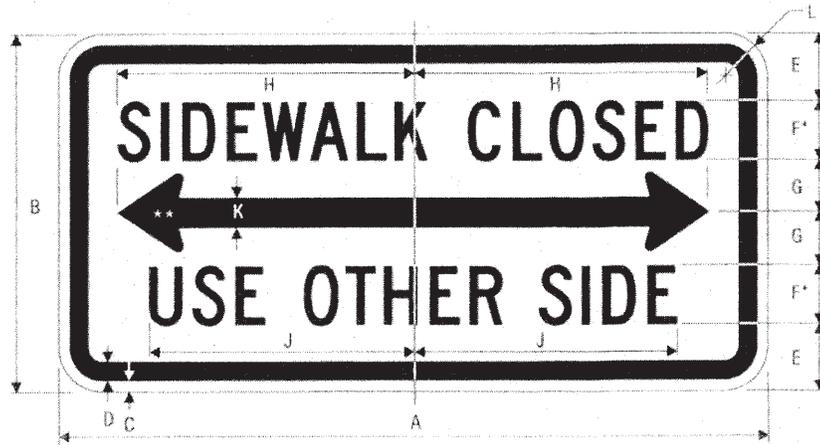
R9-11a

SIDEWALK CLOSED CROSS HERE

\*Series 2000 Standard Alphabets.  
 \*\*See page 6-2 for arrow design.

A	B	C	D	E	F	G	H	J	K	L	M
24	12	.375	.625	1.75	2 C	2.250	9.967	8.75	7.785	1.6	1.5
48	24	.75	1.25	4.5	4 C	3.5	20	17.882	13.5	2	3

COLORS: LEGEND — BLACK  
 BACKGROUND — WHITE (RETROREFLECTIVE)



R9-10 SIDEWALK CLOSED USE OTHER SIDE

A	B	C	D	E	F	G	H	J	K	L
24	12	.375	.625	1.75	2 C	2.250	9.967	9.014	1.6	1.5
48	24	.75	1.25	4.5	4 C	3.5	20	17.882	2	3



R9-11 SIDEWALK CLOSED AHEAD CROSS HERE

A	B	C	D	E	F	G	H	J	K	L	M	N
24	12	.375	.625	1.75	1.5 D	.75	1.625	9.367	3.422	.680	6.284	1.5
48	36	.75	1.25	6	4 C	3	4.5	20	6.971	2	13.570	3

COLORS: LEGEND — BLACK  
 BACKGROUND — WHITE (RETROREFLECTIVE)

**Appendix G**  
**Legend for Curb Stop Location Abbreviations**  
**found in Project Site Addresses**

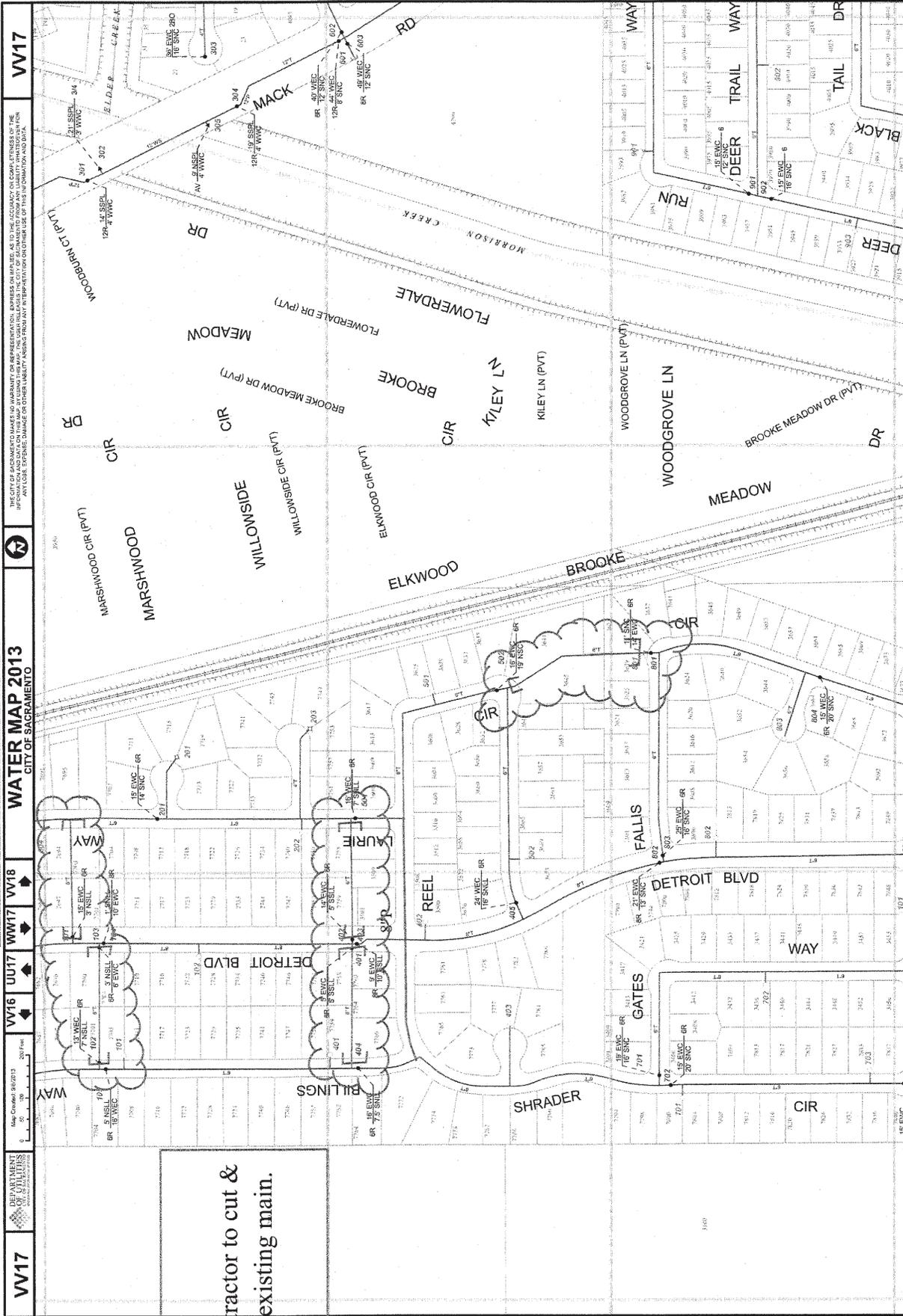
## ABBREVIATIONS

NE	NORTH OF EAST
SN	SOUTH OF NORTH
NS	NORTH OF SOUTH
NNC	NORTH OF NORTH CURB
SSC	SOUTH OF SOUTH CURB
NSC	NORTH OF SOUTH CURB
SNC	SOUTH OF NORTH CURB
WWC	WEST OF WEST CURB
EEC	EAST OF EAST CURB
EWEC	EAST OF WEST CURB
WEC	WEST OF EAST CURB
SC	SOUTH CURB
NC	NORTH CURB
EC	EAST CURB
WC	WEST CURB
NNLL	NORTH OF NORTH LOT LINE
SSLL	SOUTH OF SOUTH LOT LINE
EELL	EAST OF EAST LOT LINE
WWLL	WEST OF WEST LOT LINE
NSLL	NORTH OF SOUTH LOT LINE
SNLL	SOUTH OF NORTH LOT LINE
EWLL	EAST OF WEST LOT LINE
WELL	WEST OF EAST LOT LINE
NNPL	NORTH OF NORTH PROPERTY LINE
SSPL	SOUTH OF SOUTH PROPERTY LINE
EEPL	EAST OF EAST PROPERTY LINE
WWPL	WEST OF WEST PROPERTY LINE
NSPL	NORTH OF SOUTH PROPERTY LINE
SNPL	SOUTH OF NORTH PROPERTY LINE
EWPL	EAST OF WEST PROPERTY LINE
WEPL	WEST OF EAST PROPERTY LINE
NPL	NORTH PROPERTY LINE
SPL	SOUTH PROPERTY LINE
EPL	EAST PROPERTY LINE
WPL	WEST PROPERTY LINE
(N)(S)(E)(W)	LOOKING THIS PARTICULAR DIRECTION
C/L	CENTERLINE
SVC	SERVICE
L	LINE
LH	LEFT HAND
RH	RIGHT HAND
Cor.	CORNER

# **Appendix H**

## **Cut & Cap Plan**

# Cut & Cap Plan



300 Feet

Map Created: 8/6/2013

WW17

WW16

WW17

WW17

WW18

WW17

WW18

WW17

DEPARTMENT OF PUBLIC UTILITIES  
CITY OF SACRAMENTO

WATER MAP 2013  
CITY OF SACRAMENTO

Map Created: 8/6/2013

WW17

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WW17

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