

City of San Diego

CONTRACTOR'S NAME: _____
ADDRESS: _____
TELEPHONE NO.: _____ FAX NO.: _____
CITY CONTACT: Chris Gascon, Address: 600 B St., Suite 800, MS 908A San Diego, CA 92101
Email cgascon@sandiego.gov Ph (619) 533-7418 Fax (619) 533-5176
BD/LJI/CG

CONTRACT DOCUMENTS



FOR

Pipeline Rehabilitation R-1

VOLUME 1 OF 2

BID NO.: _____ **K-12-5646-DBB-3-C**
SAP NO. (WBS/IO/CC): _____ **B-11062**
CLIENT DEPARTMENT: _____ **2112**
COUNCIL DISTRICT: _____ **8**
PROJECT TYPE: _____ **JA**

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- FEDERAL EQUAL OPPORTUNITY CONTRACTING REQUIREMENTS.
- PREVAILING WAGE RATES: STATE FEDERAL
- THIS IS A CLEAN WATER STATE REVOLVING FUNDED CONTRACT THROUGH THE CALIFORNIA STATE WATER RESOURCE CONTROL BOARD.

The engineering Specifications and Special Provisions contained herein have been prepared by or under the direction of the following Professional Engineer or Licensed Architect:

Professional Engineer or Licensed Architect



Seal:

((((((((((((((((((((**ATTENTION**))))))))))))))))))))

The 2010 edition of the City of San Diego Standard Specifications for Public Works Construction (“The WHITEBOOK”) now contains the following distinct Contract Documents:

- 1) ***Equal Opportunity Contracting Program Requirements*** - This Contract Document sets forth the standard requirements for the City’s equal opportunity contracting program. When additional requirements by the funding source e.g., federal or state agencies are physically included in the contract documents or by reference and there is a discrepancy, the funding source requirements shall govern unless specified otherwise in the Special Provisions.

- 2) ***City Supplement*** – The City Supplement shall be used in conjunction with the Standard Specifications for Public Works Construction (“The GREENBOOK”), 2009 Edition. The specifications contained in City Supplement take precedence over the specifications contained in The GREENBOOK, 2009 Edition.

Certain parts of the City Supplement have been highlighted in yellow for the convenience of the users only and shall not affect the interpretation of the Contract.

To obtain The GREENBOOK contact the publisher at: <http://www.bnibooks.com>

The WHITEBOOK is available only in electronic format under Engineering Documents and References at: <http://www.sandiego.gov/engineering-cip/>

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REQUIRED DOCUMENT SCHEDULE

This table is intended to serve as a convenient tool for listing forms and documents required at different times. It is neither exhaustive nor must be considered a Contract Document by itself. Therefore, the users must review the entire Contract Documents and become familiar with the required documentation and the submittal schedule associated with each document.

Bidder's attention is directed to the City's Municipal Code §22.0807(e), (3)-(5) for important information regarding required documentation.

The specified EOC forms are all available for download from the EOC Program's web site at:

<http://www.sandiego.gov/eoc/forms/index.shtml>

ITEM	WHEN	BY	WHAT
1.	BID DUE DATE/TIME	ALL BIDDERS	Proposal (Bid)
2.	BID DUE DATE/TIME	ALL BIDDERS	Bid Bond
3.	BID DUE DATE/TIME	ALL BIDDERS	Non-collusion Affidavit to be Executed By Bidder and Submitted with Bid under 23 USC 112 and PCC 7106
4.	BID DUE DATE/TIME	ALL BIDDERS	Contractors Certification of Pending Actions
5.	BID DUE DATE/TIME	ALL BIDDERS	Equal Benefits Ordinance Certification of Compliance
6.	BID DUE DATE/TIME	ALL BIDDERS	Lobby Prohibition, Certification and Disclosure
7.	BID DUE DATE/TIME	ALL BIDDERS	Instructions for Completion of SF-LLL, Disclosure of Lobbying Activities
8.	BID DUE DATE/TIME	ALL BIDDERS	Disclosure of Lobbying Activities
9.	BID DUE DATE/TIME	ALL BIDDERS	Form AA35 - List of Subcontractors
10.	BID DUE DATE/TIME	ALL BIDDERS	Form AA40 - Named Equipment/Material Supplier List
11.	BID DUE DATE/TIME	ALL BIDDERS	EPA FORM 6100-3 – DBE Subcontractor Performance Form
12.	BID DUE DATE/TIME	ALL BIDDERS	EPA FORM 6100-4 – DBE Subcontractor Utilization Form
13.	WITHIN 4 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTS	ALL BIDDERS	Proof of Valid DBE-MBE-WBE-DVBE Certification Status e.g., Certs.

REQUIRED DOCUMENT SCHEDULE

ITEM	WHEN	BY	WHAT
14.	WITHIN 4 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTS	ALL BIDDERS	Federal Good Faith Documentations
15.	WITHIN 4 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTS	ALL BIDDERS	Form AA61 – List of Work Made Available
16.	WITHIN 4 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTS	ALL BIDDERS	CWSRF Form 1 - Good Faith Effort List of Subcontractors Solicited
17.	WITHIN 4 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTS	ALL BIDDERS	CWSRF Form 2 - Good Faith Effort Bids Received List
18.	WITHIN 4 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTS	ALL BIDDERS	CWSRF Form 3 - DBE Contractor Certification
19.	WITHIN 4 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTS	ALL BIDDERS	CWSRF Form 4: - Prime Contractor/Recipient Selected DBEs
20.	WITHIN 4 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTS	ALL BIDDERS	CWSRF Form 5: - Summary of Bids Received from Subcontractors
21.	WITHIN 5 WORKING DAYS OF BID OPENING	3 APPARENT LOW BIDDERS	Contractor’s Experience and Past Project Documentation per Section 500-1.1.2.1
22.	WITHIN 5 WORKING DAYS OF BID OPENING	3 APPARENT LOW BIDDERS	Manufacturer Certification per Section 500-1.1.2.1
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24.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Pre-Award Schedule (Phased Funded Contracts Only)
25.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Phased Funding Schedule Agreement (when required)

REQUIRED DOCUMENT SCHEDULE

ITEM	WHEN	BY	WHAT
26.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Names of the principle individual owners of the Apparent Low Bidder - In the event the firm is employee owned or publicly held, then the fact should be stated and the names of the firm's principals and officers shall be provided.
27.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	If the Contractor is a Joint Venture, the following information must be submitted: <ul style="list-style-type: none"> o Joint Venture Agreement o Joint Venture License
28.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Form BB05 - Work Force Report
29.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Agreement
30.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Payment and Performance Bond
31.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Certificates of Insurance and Endorsements
32.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - Drug-Free Workplace
33.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - American with Disabilities Act
34.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractors Standards - Pledge of Compliance
35.	BY 5th OF EACH MONTH	CONTRACTOR	Form CC20 - Monthly Employment Report
36.	BY 5th OF EACH MONTH	CONTRACTOR	Form CC25 - Monthly Invoicing Report
37.	SEMI-ANNUALLY: <ul style="list-style-type: none"> • APRIL 30th • SEPTEMBER 30th 	CONTRACTOR	EPA Form 5700-52A
38.	PRIOR TO ACCEPTANCE	CONTRACTOR	Form CC10 - Contract Change Order (CCO)

REQUIRED DOCUMENT SCHEDULE

ITEM	WHEN	BY	WHAT
39.	PRIOR TO ACCEPTANCE	CONTRACTOR	Form CC15 - Final Summary Report
40.	PRIOR TO ACCEPTANCE	CONTRACTOR	Affidavit of Disposal

SPECIAL NOTICE DISADVANTAGED BUSINESS ENTERPRISES (DBE)

1. **INTRODUCTION.** The City affirms that in any contract entered into pursuant to this advertisement, DBE will be afforded full opportunity to submit Bids in response to this invitation.
 - 1.1. This Federally assisted project includes subcontracting participation percentages for DBE participation. DBE goal commitments and Good Faith Efforts (GFE) shall be made prior to bidding. DBE commitments and GFE made after the Bid opening will not be considered for the Award of Contract.

2. **AMENDMENTS TO THE CITY'S STANDARD EOCP REQUIREMENTS.**

- III. **Equal Employment Opportunity Outreach Program (A).** **DELETE** in its entirety and **SUBSTITUTE** with the following:

- A. Competitive Bids. If a contract is competitively solicited, the Apparent Low Bidder shall submit a *Work Force Report (Form BB05)* or an Equal Employment Opportunity (EEO) Plan, within 10 Working Days after receipt by the Bidder of Contract forms to the City for approval as specified in the Notice of Intent to Award letter from the City.

- IX. **Definitions.** ADD the following for the purpose of these specifications:

Disadvantaged Business Enterprises (DBEs) are:

- A. Entities owned and/or controlled by a socially and economically disadvantaged individuals as described by Title X of the Clean Air Act Amendments of 1990 (42 U.S.C. 7601 note) (10% statute), and Public Law 102-389 (42 U.S.C. 4370d) (8% statute), respectively
- B. Historically Underutilized Business (HUB) Zone Small Business Concern (or a concern under a successor program)
- C. Small Disadvantaged Business (SDB)
- D. Women-Owned Business (WoSB)
- E. Service Disabled Veteran-owned Small Business (SDVoSB)

For the purpose of these requirements terms "Bid" and "Proposal," "Bidder" and "Proposer," "Subcontractor" and "Subconsultant," "Contractor" and "Consultant," "Contractor" and "Prime Contractor," "Consultant" and "Professional Service Provider," "Suppliers" and "Vendors," "Suppliers" and Dealers," and "Suppliers" and "Manufacturers" may have been used interchangeably.

ADD:

XIII. Federal Equal Opportunity Requirements. All federally funded projects are subject to the federal equal opportunity regulations and the following requirements. The City reserves the right to audit Contractor's compliance with the federal requirements set forth below.

3. SUBCONTRACTING PARTICIPATION PERCENTAGES. Following are federally subcontracting participation percentages for this contract. For the purpose of achieving the subcontractor participation percentage, Additive or Deductive, and Allowance Bid Items will not be included in the calculation.

3.1. Environmental Protection Agency (EPA) - In accordance with EPA's Program for Utilization of Small, Minority Disadvantaged and Women Business Enterprises in procurement under Federal assistance programs, the Contractor agrees to the applicable "fair share" objectives negotiated with EPA as follows:

California State Water Resources Control Board - Clean Water State Revolving Fund (CWSRF):

	MBE*	WBE*
1. Construction	24%	6%
2. Supplies	29%	20%
3. Services	30%	31%
4. Equipment (combined in above)	17%	9%

Note: MBEs and WBEs must be certified by EPA, SBA, DOT or by state, local, Tribal, or private entities whose certification criteria match EPAs in order to be counted toward MBE/WBE accomplishments. MBEs and WBEs are a part of the larger universe of DBEs.

4. PRE-BID CONFERENCE. A mandatory Pre-Bid Conference is scheduled for this project as specified in the Invitation to Bids. The purpose of this meeting is to inform prospective Bidder(s) of the submittal requirements and provisions relative to the City requirements.

5. MANDATORY CONDITIONS. Bid will be declared **non-responsive** if the Bidder fails any of the following conditions:

- 5.1.** Submission of GFE documentation, as specified in the Special Provisions.
- 5.2.** Attending the Pre-Bid Conference.
- 5.3.** Bidder's submission of GFE documentation demonstrating the Bidder made a good faith effort to outreach to and include DBE Subcontractors shall be submitted within **4 Working Days** of the Bid opening.

CITY OF SAN DIEGO, CALIFORNIA

INVITATION TO BIDS

- 1. RECEIPT AND OPENING OF BIDS:** Bid(s) will be received at the Public Works Contracting Group at **1200 THIRD AVENUE, SUITE 200, SAN DIEGO, CA 92101 UNTIL 2:00 PM ON JUNE 26, 2012** for performing work on the following project:

Pipeline Rehabilitation R-1

- 2. DESCRIPTION OF WORK:** The Work involves furnishing all labor, materials, equipment, services, and other incidental works and appurtenances for the construction of the Project as described below:

The project proposes to rehabilitate approximately 7.17 miles of existing sewer pipelines located within the City's right-of-way and within three City-owned easements using trenchless technology, installation of 22 new cleanouts, replacement of one existing cleanout, rehabilitation of nine manholes, replacement of seven existing manholes and 15 point repair locations.

The Work shall be performed in accordance with:

- Bid No. **K-12-5646-DBB-3-C**.

- 3. ENGINEER'S ESTIMATE:** The Engineer's estimate of the most probable price for this contract is **\$3,500,000.00**.
- 4. LOCATION OF WORK:** The location of Work is Citywide unless specified otherwise as follows:

The work will be located in following streets: Conifer Av, Hollister St, Citrus Av, Palm Av, Elm Av, Harris Av, Cunard St, 27th St, Barbour Dr, Caulfield Dr, Dearborn Dr, Garland Dr, Coronado Av, Lindbergh St, Chanute St, Doolittle Av, Byrd St, Cochran Av, Piccard Av, Maitland Av, Mather Av, Norstad Av, Grissom St, Grissom Av, Powderhorn Dr, Givens St, Goodbody St, Schirra St, Twining Av, Enero St, Ilexy Av, Serrena Ln, Murrieta Cr, Colman Av, Ralph Wy, Rene Dr, Joshua Pl, Debbyann Pl, Arey Dr, Darwin Pl, Bateman Av, Darwin Av, Peterlynn Dr, Madden Av.

- 5. CONTRACT TIME:** The Contract Time for completion of the Work shall be **240 Working Days**.
- 6. SUPPLEMENTAL AGREEMENTS:** Supplemental agreements attached to this contract for the items of Work such as extended re-vegetation maintenance and monitoring and emulsion aggregate slurry shall be signed upon the request from the Engineer and prior to Acceptance. The signed agreements shall be accompanied by the evidence of separate bond (i.e., labor and materials) and insurance (i.e., Commercial General Liability Insurance, Commercial Automobile Liability Insurance, and Workers' Compensation Insurance) as specified in 2-4, "CONTRACT BONDS," 7-3, "LIABILITY INSURANCE," and 7-4 WORKERS' COMPENSATION INSURANCE. Bonds shall be in amount of the Contract Price for the Work included in the supplemental agreements.

7. **CONTRACTOR'S LICENSE CLASSIFICATION:** In accordance with the provisions of California Law, the Contractor shall possess valid appropriate license(s) at the time that the Bid is submitted. Failure to possess the specified license(s) shall render the Bid as **non-responsive** and shall act as a bar to award of the Contract to any Bidder not possessing required license(s) at the time of Bid.

The City has determined the following licensing classification(s) for this contract:

Option	Classification(s)
1	CLASS A or
2	CLASS C34

The Bidder shall satisfy the licensing requirement by meeting **at least** one of the listed options.

8. **PRE-BID CONFERENCE:** There will be a Pre-Bid Conference to discuss the scope of the Project, bidding requirements, and Equal Opportunity Contracting Program requirements and reporting procedures in the Public Works Contracting Group, Conference Room at 1200 Third Avenue, Suite 200, San Diego, CA 92101 **at 10:00 A.M., on June 6, 2012.**

The Pre-Bid Conference has been designated as MANDATORY. All potential bidders are required to attend. Bid will be declared **non-responsive** if the Bidder fails to attend the Pre-Bid Conference when specified to be mandatory. Attendance at the Pre-Bid Conference will be evidenced by the representative's signature on the attendance roster. It shall be the responsibility of the Bidder's representative to complete and sign the attendance roster. No Bidder will be admitted after the official start time of the mandatory Pre-Bid Conference.

To request a copy of the agenda on an alternative format, or to request a sign language or oral interpreter for this meeting, call the Public Works Contracting Group at (619)236-6000 at least 5 Working Days prior to the Pre-Bid Conference to ensure availability.

9. **CITY PROJECT MANAGER CONTACT INFORMATION:** See the cover of the Contract Documents.
10. **REFERENCE STANDARDS:** Except as otherwise noted or specified, the Work shall be completed in accordance with the following standards:

1. STANDARD SPECIFICATIONS

Document No.	Filed	Description
PITS0504091	05-04-09	Standard Specifications for Public Works Construction (The GREENBOOK), 2009 Edition
PITS090110-1	09-01-10	City of San Diego Standard Specifications for Public Works Construction (The WHITEBOOK), 2010 Update *
AEC1231064	12-31-06	California Department of Transportation, Manual of Uniform Traffic Control Devices (MUTCD 2006)
769023	09-11-84	Standard Federal Equal Employment Opportunity Construction Contract Specifications and the Equal Opportunity Clause

NOTE: The City of San Diego Supplement, 2010 Update now consolidates various City Public Works Construction Standard Specifications which in the past were included in the Supplementary Special Provisions. The Bidders' attention is directed to this edition of the City Supplement for a close review to ensure no important information is missed for the preparation of the Bids.

2. STANDARD DRAWINGS

Document No.	Filed	Description
AEC1230163	12-31-06	City of San Diego Standard Drawings*
N/A	Varies	City Standard Drawings - Updates Approved For Use (when specified)*
AEC0925061	09-25-06	Caltrans 2006 U.S. Customary Unit Standard Plans

NOTE: *Available online under Engineering Documents and References at: <http://www.sandiego.gov/engineering-cip>.

11. WAGE RATES: Prevailing wages are not applicable to this project unless specified otherwise on the cover page of these specifications and when included in these specifications. See Funding Agency Provisions that follow this Invitation to Bid for more information.

12. INSURANCE REQUIREMENTS: Upon receipt of the City's Notice of Intent to Award letter, the Contractor will be asked to submit all certificates of insurance and endorsements to the City.

Refer to sections 7-3, "LIABILITY INSURANCE", and 7-4, "WORKERS' COMPENSATION INSURANCE" of the Supplementary Special Provisions (SSP) for the insurance requirements which must be met.

You must ensure all required insurance certificates and endorsements are submitted accurately and on time. Failure to provide the requisite insurance documents by the date stated in the City's Notice of Intent to Award will result in delay of contract award and may result in annulment of the contract award or other more severe sanctions as provided in the City's Municipal Code §22.0807(e),(3)-(5).

13. PHASED FUNDING: The Apparent Low Bidder will be required to provide a Pre-award Schedule in accordance with sections 9-3 and 6-1 of the Supplementary Special Provisions (SSP) prior to award of Contract.

Tony Heinrichs
 Director
 Public Works Department

INSTRUCTIONS TO BIDDERS

- 1. PREQUALIFICATION OF CONTRACTORS:** The contractor(s) who intend to submit Bid or Proposal in response to this invitation to bid, or RFP's for GRC or As-Needed Design-Build Task Orders valued over \$50,000, must be pre-qualified for the total amount proposed, inclusive of all alternate bid items or the specified Task Order limits prior to the date of Bid submittal.

Bids from contractors who have not been pre-qualified as applicable, and Bids that exceed the maximum dollar amount at which contractors are pre-qualified, will be deemed **non-responsive** and ineligible for award or a Task Order authorization. Complete information and prequalification questionnaires are available at:

<http://www.sandiego.gov/engineering-cip/services/consultcontract/prequal.shtml>

The completed questionnaire, financial statement, and bond letter or a copy of the contractor's SLBE-ELBE certification and bond letter, must be submitted no later than 2 weeks prior to the bid opening to the Public Works Department - Engineering & Capital Projects Department Prequalification Program, 1010 Second Avenue, Suite 1200, San Diego, CA 92101. For additional information or the answer to questions about the prequalification program, please contact David Stucky at 619-533-3474 or dstucky@sandiego.gov.

- 2. CONTRACTOR REGISTRATION:** Prospective bidder(s) as well as existing contractors and suppliers are required to register with the City's EOCP. Refer to 2-17, "CONTRACTOR REGISTRATION" for details.
- 3. CITY'S RESPONSES AND ADDENDA:** The City at its option, may respond to any or all questions submitted in writing, via letter, or FAX in the form of an addendum. No oral comment shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addendum are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda on the form provided for this purpose in the Bid.
- 4. CITY'S RIGHTS RESERVED:** The City reserves the right to cancel the Invitation to Bids at any time, and further reserves the right to reject submitted Bids, without giving any reason for such action, at its sole discretion and without liability. Costs incurred by the Bidder(s) as a result of preparing Bids under the Invitation to Bid shall be the sole responsibility of each bidder. The Invitation to Bid creates or imposes no obligation upon the City to enter a contract.
- 5. CONTRACT PRICING FORMAT:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth in the Bid Proposal Form(s), Volume 2 unless specified otherwise such as as-needed contracts e.g., GRC in the Contract Documents.
- 6. SUBMITTAL OF "OR EQUAL" ITEMS:** See 4-1.6, "Trade Names or Equals."
- 7. AWARD PROCESS:** The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award, including the submittal of acceptable insurance and surety bonds pursuant to San Diego Municipal Code § 22.3007. If the responsible Bid does not exceed the City's engineering estimate, the City will, in most cases, prepare contract documents for execution within 3 weeks of the date of the Bid opening and award the Contract within 5 Working Days of receipt of properly executed Contract, bond, and insurance documents.

This contract is deemed to be awarded, and effective, only upon the signing of the Contract by the Mayor or designee of the City.

- 8. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" which requires the Contractor to perform not less than the amount therein stipulated with its own forces. Failure to comply with these requirements may render the Bid **non-responsive** and ineligible for award.
- 9. AVAILABILITY OF PLANS AND SPECIFICATIONS:** Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/engineering-cip/services/consultcontract/advertising.shtml>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Public Works Contracting Group.
- 10. QUESTIONS:** Questions about the meaning or intent of the Contract Documents as related to the scope of Work and of technical nature shall be directed to the Project Manager prior to Bid opening. Interpretations or clarifications considered necessary by the Project Manager in response to such questions will be issued by Addenda, which will be uploaded to eBidboard (or mailed or delivered to all parties recorded by the City as having received the Contract Documents for Minor Construction contracts).

The Director (or designee), Public Works Department is the officer responsible for opening, examining, and declaring of competitive Bids submitted to the City for the acquisition, construction and completion of any public improvement except when otherwise set forth in these documents. Questions in these areas of responsibility (e.g., i.e. Pre-qualification, SCOPE information, bidding activities, bonds and insurance, etc. as related to this contract shall be addressed to the Contract Administration, Public Works Contracting Group, 1200 Third Avenue, Suite 200, San Diego, California, 92101, Telephone No. (619) 236-6000.

Questions received less than 14 days prior to the date for opening of Bids may not be answered. Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. It is the Bidder's responsibility to become informed of any addenda that have been issued and to include all such information in its Bid.

- 11. ELIGIBLE BIDDERS:** No person, firm, or corporation shall be allowed to make, file, or be interested in more than 1 Bid for the same work unless alternate Bids are called for. A person, firm or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from submitting a Bid in its own behalf.
- 12. SAN DIEGO BUSINESS TAX CERTIFICATE:** All Contractors, including Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, first floor, before the Contract can be executed.
- 13. PROPOSAL FORMS:** Bid shall be made only upon the Bidding Documents i.e., Proposal form attached to and forming a part of the specifications. The signature of each person signing shall be in longhand.

The entire specifications for the bid package do not need to be submitted with the bid. Bidder shall complete and submit, only, all pages in the "Bidding Document" Section (see Volume 2) as their Bid per the schedule given under "Required Documents Schedule," (see Volume 1). Bidder is requested to retain for their reference other portions of the Contract Documents that are not required to be submitted with the Bid.

The City may require any Bidder to furnish a statement of experience, financial responsibility, technical ability, equipment, and references.

Bids and certain other specified forms and documents shall be enclosed in a sealed envelope and shall bear the title of the work and name of the Bidder and the appropriate State Contractors License designation which the Bidder holds.

Bids may be withdrawn by the Bidder prior to, but not after, the time fixed for opening of Bids.

14. BIDDERS' GUARANTEE OF GOOD FAITH (BID SECURITY):

With the exception of the contracts valued \$5,000 or less, GRC and Design-Build contracts, and contracts subject to the Small and Local Business Program of \$250,000 or less e.g., ELBE contracts, each Bidder shall accompany its Bid with either a cashier's check upon some responsible bank, or a check upon such bank properly certified or an approved corporate surety bond payable to the City of San Diego, for an amount of not less than 10% of the aggregate sum of the Bid, which check or bond, and the monies represented thereby shall be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into such contract and furnish the required final bonds.

The Bidder agrees that in case of Bidder's refusal or failure to execute this contract and give required final bonds, the money represented by a cashier's or certified check shall remain the property of the City, and if the Bidder shall fail to execute this contract, the Surety agrees that it will pay to the City damages which the City may suffer by reason of such failure, not exceeding the sum of 10% of the amount of the Bid.

A Bid received without the specified bid security will be rejected as being **non-responsive**.

15. AWARD OF CONTRACT OR REJECTION OF BIDS:

This contract may be awarded to the lowest responsible and reliable Bidder (for Design-Build contracts refer to the RFP for the selection and award information). Bidders shall complete the entire Bid schedule (e.g., schedule of prices). Incomplete price schedules will be rejected as being **non-responsive**.

The City reserves the right to reject any or all Bids, and to waive any informality or technicality in Bids received and any requirements of these specifications as to bidding procedure.

Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City from the Bidder within 3 Working Days, excluding Saturdays, Sundays, and state holidays, after the opening of Bids, of written notice which includes proof of honest, credible, clerical error of material nature, free from fraud or fraudulent intent, and of evidence that reasonable care was observed in the preparation of the Bid.

A non-selected Bidder may protest award of the Contract to the selected Bidder by submitting a written "Notice of Intent to Protest" including supporting documentation which shall be received by Public Works Contracting Group no later than 10 days after the City's announcement of the selected Bidder or no later than 10 days from the date that the City issues notice of designation of a Bidder as non-responsive in accordance with San Diego Municipal Code Chapter 2, § 22.3029, "Protests of Contract Award."

The City of San Diego will not discriminate with regard to race, religious creed, color, national origin, ancestry, physical handicap, marital status, sex or age, in the award of contracts.

Each Bid package properly executed as required by these specifications shall constitute a firm offer, which may be accepted by the City within the time specified in the Invitation to Bids.

The City reserves the right to evaluate all Bids and determine the lowest Bidder (or winner for Design-Build contracts) on the basis of any proposed alternates, additive items or options, at its discretion.

- 16. BID RESULTS:** The Bid opening by the City shall constitute the public announcement of the Apparent Low Bidder (or Apparent Winner in case of Design-Build contracts). In the event that the Apparent Low Bidder (or Apparent Winner in case of Design-Build contracts) is subsequently deemed non-responsive or non-responsible, a public announcement will be posted in the City's web page, with the name of the newly designated Apparent Low Bidder (or Apparent Winner in case of Design-Build contracts).

To obtain Bid results, either attend Bid opening, review the results on the City's web site, or provide a self-addressed, stamped envelope, referencing Bid number, and Bid tabulation will be mailed to you upon verification of extensions. Due to time constraints, Bid results cannot be given out over the telephone.

- 17. THE CONTRACT:** The Bidder to whom award is made shall execute a written contract with the City of San Diego and furnish good and approved bonds and insurance certificates specified by the City within 10 Working Days after receipt by Bidder of a form of contract for execution unless an extension of time is granted to the Bidder in writing.

If the Bidder takes longer than 10 Working Days to fulfill these requirements, then the additional time taken shall be added to the Bid guarantee. The Contract shall be made in the form adopted by the City, which includes the provision that no claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.

If the Bidder to whom the award is made fails to enter into the contract as herein provided, the award may be annulled and the Bidder's Guarantee of Good Faith will be subject to forfeiture. An award may be made to the next lowest responsible and reliable Bidder who shall fulfill every stipulation embraced herein as if it were the party to whom the first award was made.

For contracts that are not Design-Build, pursuant to the San Diego City Charter section 94, the City may only award a public works contract to the lowest responsible and reliable Bidder. The City will require the Apparent Low Bidder to (i) submit information to determine the Bidder's responsibility and reliability, (ii) execute the Contract in form provided by the City, and (iii) furnish good and approved bonds and insurance certificates specified by the City within 10 Working Days, unless otherwise approved by the City, in writing after the Bidder receives notification from the City, designating the Bidder as the Apparent Low Bidder and formally requesting the above mentioned items.

The award of the Contract is contingent upon the satisfactory completion of the above mentioned items and becomes effective upon the signing of the Contract by the Mayor or designee. If the Apparent Low Bidder does not execute the Contract or submit required documents and information, the City may award the Contract to the next lowest responsible and reliable Bidder who shall fulfill every condition precedent to award. A corporation designated as the Apparent Low Bidder shall furnish evidence of its corporate existence and evidence that the officer signing the Contract and bond for the corporation is duly authorized to do so.

18. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK: The Bidder shall examine carefully the Project Site, the Plans and Specifications, the GRC Unit Price Books if applicable, other materials as described in the Special Provisions, Section 2-7, and the proposal forms (e.g., Bidding Documents) therefore. The submission of a Bid or GRC Task Order Proposal shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.

19. DRUG-FREE WORKPLACE:

a) General:

City projects are subject to City of San Diego Resolution No. R-277952 adopted on May 20, 1991. Bidders shall become aware of the provisions of Council Policy 100-17 which was established by Resolution No. R-277952. The policy applies equally to the Contractor and Subcontractors. The elements of the policy are outlined below.

b) Definitions:

"Drug-free workplace" means a site for the performance of work done in connection with a contract let by City of San Diego for the construction, maintenance, or repair of any facility or public work by an entity at which employees of the entity are prohibited from engaging in the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance in accordance with the requirements of this section.

"Employee" means the employee of a contractor directly engaged in the performance of work pursuant to a contract as described in Section 3, "City Contractor Requirements."

"Controlled substance" means a controlled substance in schedules I through V of Section 202 of the Controlled Substances Act (21 U.S.C. Sec. 812).

"Contractor" means the department, division, or other unit of a person or organization responsible to the contractor for the performance of a portion of the work under the contract.

c) City Contractor Requirements:

Every person or organization awarded a contract or grant by the City of San Diego for the provision of services shall certify to the City that it will provide a drug-free workplace by doing all following:

- a. Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited in the person's organization's workplace and specifying the actions that will be taken against employees for violations of the prohibition.
- b. Establishing a drug-free awareness program to inform employees about all of the following:
 - i. The dangers of drug abuse in the workplace.
 - ii. The person's or organization's policy of maintaining a drug-free workplace.
 - iii. Any available drug counseling, rehabilitation, and employee assistance programs.
 - iv. The penalties that may be imposed upon employees for drug abuse violations.
- c. Posting the statement required by subdivision (1) in a prominent place at contractor's main office. For projects large enough to necessitate a construction trailer at the job site, the required signage would also be posted at the Site.

The Contractor shall include in each subcontract agreement language which indicates the Subcontractor's agreement to abide by the provisions of subdivisions a) through c) above. The Contractors and Subcontractors shall be individually responsible for their own drug-free workplace programs.

Note: The requirements of a drug-free awareness program can be satisfied by periodic tailgate sessions covering the various aspects of drug-abuse education. Although an in-house employee assistance program is not required, contractors should be able to provide a listing of drug rehabilitation and counseling programs available in the community at large.

Questions about the City's Drug-free Workplace Policy shall be referred to the Contract Specialist, Public Works Contracting Group.

20. AMERICANS WITH DISABILITIES ACT:

- a) General: City projects are subject to City of San Diego Resolution No. R-282153 adopted on June 14, 1993. The Bidders shall become aware of the provisions of Council Policy 100-04 which was established by Resolution No. R-282153. The policy applies equally to the Contractor and all Subcontractors. The elements of the policy are outlined below.

- b) Definitions:

"Qualified individual with a disability" means an individual with a disability who satisfies the requisite skill, experience, education and other job-related requirements of the employment position such individual holds or desires, and who, with or without reasonable accommodation, can perform the essential functions of such position.

"Employee" means the employee of the Contractor directly engaged in the performance of Work.

- c) The City Requirements: Every person or organization entering into a contractual agreement with or receiving a grant from the City of San Diego shall certify to the City of San Diego that it will comply with the ADA by adhering to all of the provisions of the ADA listed below.
- i. The Contractor shall not discriminate against qualified persons with disabilities in any aspects of employment, including recruitment, hiring, promotions, conditions and privileges of employment, training, compensation, benefits, discipline, layoffs, and termination of employment.
 - ii. No qualified individual with a disability may be excluded on the basis of disability, from participation in, or be denied the benefits of services, programs, or activities by the Contractor or Subcontractors providing services for the City.
 - iii. The Contractor shall post a statement addressing the requirements of the ADA in a prominent place at the worksite. The Contractor shall include in each subcontract agreement, language which indicates the Subcontractor's agreement to abide by the provisions of subdivisions (a) through (c) inclusive of Section 3. The Contractor and Subcontractors shall be individually responsible for their own ADA employment programs. Questions about the City's ADA Policy should be referred to the Contract Administrator.

21. CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE: This contract is subject to City of San Diego Municipal Code §22.3224 as amended 11/24/08 by ordinance O-19808. Bidders shall become aware that the requirements apply to Contractors and Subcontractors for contracts greater than \$50,000 in value.

Upon award, amendment, renewal, or extension of this contract, the Contractors shall complete a Pledge of Compliance attesting under penalty of perjury that they complied with the requirements of this section.

The Contractors shall ensure that their Subcontractors whose subcontracts are greater than \$50,000 in value complete a Pledge of Compliance attesting under penalty of perjury that they complied with the requirements of this section. Subcontractors may access the Pledge of Compliance at:

http://www.sandiego.gov/purchasing/pdf/contractor_standards_questionnaire.pdf.

The Contractors shall include in each subcontract agreement, language which requires Subcontractors to abide by the provisions of City of San Diego Municipal Code §22.3224. A sample provision is as follows:

“Compliance with San Diego Municipal Code §22.3224: Subcontractor acknowledges that it is familiar with the requirements of San Diego Municipal Code §22.3224 (“Contractor Standards”), and agrees to comply with requirements of that section. The Subcontractor further agrees to complete the Pledge of Compliance, incorporated herein by reference.”

- 22. NOTICE OF LABOR COMPLIANCE PROGRAM APPROVAL:** The City of San Diego received initial approval as a Labor Compliance Program on August 11, 2003. The Labor Compliance Program Manual is available at:

<http://www.sandiego.gov/eoc/laborcompliance/#manual>.

The limited exemption from prevailing wages pursuant to Labor Code §1771.5(a) does not apply to contracts under jurisdiction of the Labor Compliance Program. Inquiries, questions, or assistance about the Labor Compliance Program should be directed to: Equal Opportunity Contracting Program, 1200 Third Ave., Suite 200 MS56P, San Diego, CA 92101, Tel. 619-236-6000.

- 23. PAYROLL RECORDS:** The Contractor's attention is directed to the City of San Diego Labor Compliance Program, Section IV, pages 4-7, and the State of California Labor Code §§ 1771.5(b) and 1776 (Stats. 1978, Ch. 1249). These require, in part, that the Contractor and Subcontractors maintain and furnish to the City, at a designated time, a certified copy of each weekly payroll containing a statement of compliance signed under penalty of perjury.

The Contractor and Subcontractors shall submit weekly certified payrolls online via Prism® i.e., the City's web-based labor compliance program. Instructions on how to use the system will be provided to the Contractor after the award.

The Contractor shall be responsible for the compliance with these provisions by Subcontractors. The City shall withhold contract payments when payroll records are delinquent or inadequate, or when it is established after investigation that underpayment has occurred.

- 24. APPRENTICES ON PUBLIC WORKS:** The Contractor shall abide by the requirements of §§1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.

- 25. EQUAL BENEFITS:** This contract is subject to the City's Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of the San Diego Municipal Code (SDMC).

In accordance with the EBO, Bidders shall certify they will provide and maintain equal benefits as defined in SDMC §22.4302 for the duration of the Contract (SDMC §22.4304(f)). Failure to maintain equal benefits is a material breach of the Contract (SDMC §22.4304(e)). The Contractor shall notify employees of their equal benefits policy at the time of hire and during open enrollment periods and shall post a copy of the following statement in an area frequented by employees:

“During the performance of a contract with the City of San Diego, this employer will provide equal benefits to its employees with spouses and its employees with domestic partners.”

The Contractor shall give the City access to documents and records sufficient for the City to verify the contractors are providing equal benefits and otherwise complying with EBO requirements.

Full text of the EBO and the Rules Implementing the Equal Benefits Ordinance are posted on the City's website at www.sandiego.gov/purchasing/ or can be requested from the Equal Benefits Program at (619) 533-3948.

26. PRE-AWARD ACTIVITIES:

Pre-award Submittals - The Apparent Low Bidder shall provide the information required within the time specified in “Required Documents,” of this bid package. Failure to provide the information within the time specified may result in the Bid being rejected as **non-responsive**.

If the Bid is rejected as non-responsive, the Apparent Low Bidder shall forfeit the Bid Security required under Invitation to Bids, of this bid package. The decision that the Apparent Low Bidder is non-responsive for failure to provide the information required within the time specified shall be at the sole discretion of the City.

For phased funded contracts, the Contractor shall provide a cost loaded CPM schedule prepared in accordance with 6-1.1, “Construction Schedule.” prior to the execution of any Work. The selected contractor shall review subsection 6-1.4, “Phased Funding” and submit the required information.

FUNDING AGENCY PROVISIONS

IN THE EVENT THAT THESE REQUIREMENTS CONFLICT WITH THE CITY'S GENERAL EOC REQUIREMENTS, THE FUNDING AGENCY'S REQUIREMENTS WILL CONTROL.

1. NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY (EXECUTIVE ORDER 11246).

1.1. The goal 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, as follows:

	<u>Goal</u>
1. Minority Participation:	16.9%
2. Female Participation:	6.9%

1.2. These goals are applicable to all the Contractor's construction work (whether or not it is Federal or federally assisted) performed in the covered area. If the Contractor performs Work in a geographical area located outside of the covered area, it shall apply the goals established for such geographical area where the Work is actually performed. With regard to this second area, the Contractor also is subject to the goals for both federally involved and non-federally involved Work.

1.3. 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.

1.4. The hours of minority and female employment and training shall 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.

1.5. The Contractor shall provide written notification to the Director the Office of Federal Contract Compliance Programs within 10 Working Days of award of any Subcontract in excess of \$10,000 at any tier for 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. The "covered area" is the City of San Diego.

2. NONDISCRIMINATION PROVISIONS FOR FEDERALLY ASSISTED CONSTRUCTION CONTRACTS AND PROJECTS:

2.1. 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 shall 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 setting forth the provisions of this nondiscrimination clause.
2. The Contractor will, in all solicitations or advertisements for employees placed by, 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 worker with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advertising the said labor union or workers' representatives of the Contractor's commitments under this section 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, or 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 rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering 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 the said 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 further government contracts or federally assisted construction 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 portion of the sentence immediately preceding Paragraph 1 and 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 the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, that in the event a Contractor becomes involved in, or is threatened with, litigation with a Subcontractor or Vendor as a result of such direction by the administering agency, the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

3. EQUAL OPPORTUNITY CLAUSES:

3.1. The following equal opportunity clauses are incorporated by reference herein:

1. The equal opportunity clause located 41 CFR 60.1.4(a), which specifies the obligations imposed under Executive Order 11246.
2. The equal opportunity clause located at 41 CFR 60-741.5, which contains the obligations imposed by Section 503 of the Rehabilitation Act of 1973.
3. The “Equal Opportunity Clause” (Resolution No. 765092) filed on December 4, 1978, in the Office of the City Clerk, San Diego, California and incorporated in the “Standard Federal Employment Opportunity Construction Contract Specifications (Executive Order 11246 - Document No. 769023, filed September 11, 1984, in the Office of the City Clerk, San Diego, California) is applicable to all non-exempt City construction contracts and subcontracts of \$2,000 or more.
4. Age Discrimination Act of 1975, Pub. L. 94-135.
5. Title VI of the Civil Rights Act of 1964, Pub. L. 88-352.
6. Section 13 of the Federal Water Pollution Control Acts Amendments of 1972, Pub. L. 92-5200 (the Clean Water Act).
7. Section 504 of the Rehabilitation Act of 1973, Pub. L. 93-112 (Executive Orders 11914 and 11250).
8. Women’s Minority Business Enterprises, Executive Orders 11625, 12138 and 12432.
9. Section 129 of the Small Business Administration Reauthorization and Amendment Act of 1988, Pub. L. 100-590.

4. STANDARD FEDERAL EQUAL EMPLOYMENT SPECIFICATIONS:

4.1. The Contractor is required to comply with the 16 “Standard Federal Equal Employment Specifications” located at 41 CFR 60-4.3 for federal and federally-assisted construction contracts in excess of \$10,000, set forth below.

4.2. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully, and shall implement affirmative actions steps at least as extensive as the following:

1. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign 2 or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
2. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
3. Maintain a current file of the names, addresses and telephone numbers of each minority and female walk-in applicant and minority or female referral from a union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the Contractor may have taken.
4. Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
5. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under C.1. above.
6. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreements; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.

7. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignments, layoff, termination or other employment decisions including specific review of these items with onsite supervisory personnel such as superintendents, foreman, etc., prior to the initiation of Work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and dispositions of the subject matter.
8. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.
9. Direct its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.
10. Encourage present minority and female employees to recruit other minority persons and women and where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.
11. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR Part 60-3.
12. Conduct, at least annually, an inventory and evaluation at least of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
13. Ensure that seniority practices, job classifications, work assignments and other personnel practices do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
14. Ensure that all facilities and company activities are non-segregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
15. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
16. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.

5. VIOLATION OR BREACH OF REQUIREMENTS:

- 5.1.** If at any time during the course of the Contract there is a violation of the Affirmative Action or Equal Employment Opportunity requirements by the Contractor, or the Subcontractors, the City will notify the Contractor of the breach. The City may withhold any further progress payments to the Contractor until the City is satisfied that the Contractor and Subcontractors are in full compliance with these requirements.

6. MONTHLY EMPLOYMENT UTILIZATION REPORTS:

- 6.1.** Refer to GENERAL EQUAL OPPORTUNITY CONTRACTING PROGRAM REQUIREMENTS, CONSTRUCTION CONTRACTOR REQUIREMENTS in The WHITEBOOK and the following:
1. State of California Department of Transportation Payroll Report. Due to the City weekly.
 2. Federal and Non-Federal Work in San Diego County. Submit an updated list only if work is complete or new contracts have been awarded during the span of this project.

7. RECORDS OF PAYMENTS TO DBEs:

- 7.1.** The Contractor shall maintain records and documents of payments to DBEs for 3 years following the NOC. These records shall be made available for inspection upon request by any authorized representative of the City, DOT, or both. The reporting requirement shall be extended to any certified DBE Subcontractor.

8. FEDERAL WAGE REQUIREMENTS FOR FEDERALLY FUNDED PROJECTS:

- 8.1.** The successful Bidder's work shall be required to comply with Executive Order 11246, entitled "Equal Employment Opportunity," as amended by Executive Order 11375, and as supplemented in Department of Labor regulations (41 CFR chapter 60).
- 8.2.** This Executive Order pertains to Equal Employment Opportunity regulations and contains significant changes to the regulations including new goals and timetables for women in construction and revised goals and time-tables for minorities in construction.
- 8.3.** Minimum wage rates for this project have been predetermined by the Secretary of Labor and are set forth in the Decision of the Secretary and bound into the specifications book. Should there be any difference between the state or federal wage rates, including health and welfare funds for any given craft, mechanic, or similar classifications needed to execute the Work, it shall be mandatory upon the Contractor or subcontractor to pay the higher of the two rates.
- 8.4.** The minimum wage rate to be paid by the Contractor and the Subcontractors shall be in accordance with the Federal Labor Standards Provisions (see pages 58 through 64 below) and Federal Wage Rates (see Wage Rates below) and General Prevailing Wage Determination made by the State of California, Director of Industrial Relations pursuant to California Labor Code Part 7, Chapter 1, Article 2, Sections 1770, 1773 and 1773.1, whichever is higher.

- 8.5. A Contractor having 50 or more employees and its Subcontractors having 50 or more employees and who may be awarded a contract of \$50,000 or more will be required to maintain an affirmative action program, the standards for which are contained in the specifications.
- 8.6. To be eligible for award, each Bidder shall comply with the affirmative action requirements which are contained in the specifications.
- 8.7. Women will be afforded equal opportunity in all areas of employment. However, the employment of women shall not diminish the standards of requirements for the employment of minorities.

9. STATE REQUIREMENTS FOR CONTRACTS SUBJECT TO STATE PREVAILING WAGE REQUIREMENTS:

- 9.1. In accordance with the provisions of California Labor Code Sections 1770, et seq. as amended, the Director of the Department of Industrial Relations has determined the general prevailing rate of per diem wages in accordance with the standards set forth in such Sections for the locality in which the Work is to be performed. Copies of the prevailing rate of per diem wages may be found at http://www.dir.ca.gov/dlsr/statistics_research.html. The Contractor shall post a copy of the above determination of the prevailing rate of per diem wages at each job site and shall make them available to any interested party on request.
- 9.2. Pursuant to Sections 1720 et seq., and 1770 et seq., of the California Labor Code the Contractor any Subcontractor shall pay not less than said specified rates determined by the Director of the California Department of Industrial Relations to all workmen employed by them in the execution of the Work.
- 9.3. The wage rates determined by the Director of Industrial Relations and published in the Department of Transportation publication entitled, "General Prevailing Wage Rates", refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, said published rate of wage shall be in effect for the life of this contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the Department of Industrial Relations, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this contract, each successive predetermined wage rate shall apply to this contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this contract, such wage rate shall apply to the balance of the contract.

The successful bidder intending to use a craft or classification not shown on the prevailing rate determinations may be required to pay the rate of the craft or classification most closely related to it.

10. WAGE RATES. This contract shall be subject to the following Davis-Bacon Wage Decisions:

General Decision Number: CA120001 03/30/2012 CA1

Superseded General Decision Number: CA20100001

State: California

Construction Types: Building, Heavy (Heavy and Dredging),
Highway and Residential

County: San Diego County in California.

BUILDING CONSTRUCTION PROJECTS; DREDGING PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); HIGHWAY CONSTRUCTION PROJECTS; RESIDENTIAL CONSTRUCTION PROJECTS (consisting of single family homes and apartments up to and including 4 stories)

Modification Number	Publication Date
0	01/06/2012
1	02/24/2012
2	03/02/2012
3	03/30/2012
4	04/13/2012

ASBE0005-002 06/28/2010

	Rates	Fringes
Asbestos Workers/Insulator (Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems).....	\$ 32.79	16.31
Fire Stop Technician (Application of Firestopping Materials for wall openings and penetrations in walls, floors, ceilings and curtain walls).....	\$ 24.21	13.76

ASBE0005-004 06/28/2010

	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)....	\$ 18.70	8.65

BOIL0092-003 05/01/2011

	Rates	Fringes
BOILERMAKER.....	\$ 41.26	25.27

BRCA0004-008 11/01/2011

	Rates	Fringes
BRICKLAYER; MARBLE SETTER.....	\$ 33.15	14.05

BRCA0018-004 06/01/2011

	Rates	Fringes
MARBLE FINISHER.....	\$ 28.02	12.22
TILE FINISHER.....	\$ 27.80	12.54
TILE LAYER.....	\$ 38.61	13.83

BRCA0018-010 09/01/2009

	Rates	Fringes
TERRAZZO FINISHER.....	\$ 26.59	9.62
TERRAZZO WORKER/SETTER.....	\$ 33.63	10.46

CARP0409-002 07/01/2008

	Rates	Fringes
Diver		
(1) Wet.....	\$ 663.68	9.82
(2) Standby.....	\$ 331.84	9.82
(3) Tender.....	\$ 323.84	9.82
(4) Assistant Tender.....	\$ 299.84	9.82

Amounts in "Rates" column are per day

CARP0409-008 08/01/2010

	Rates	Fringes
Modular Furniture Installer.....	\$ 17.00	7.41

CARP0547-001 07/01/2009

	Rates	Fringes
CARPENTER		
(1) Bridge.....	\$ 37.28	10.58
(2) Commercial Building....	\$ 32.30	10.58
(3) Heavy & Highway.....	\$ 37.15	10.58
(4) Residential Carpenter..	\$ 25.84	10.58
(5) Residential		
Insulation Installer.....	\$ 18.00	8.16
MILLWRIGHT.....	\$ 37.65	10.58
PILEDRIVERMAN.....	\$ 37.28	10.58

CARP0547-002 07/01/2009

	Rates	Fringes
Drywall		
(1) Work on wood framed construction of single family residences, apartments or condominiums under four stories		
Drywall Installer/Lather...	\$ 21.00	8.58
Drywall Stocker/Scraper...	\$ 11.00	6.67
(2) All other work		
Drywall Installer/Lather...	\$ 27.35	9.58
Drywall Stocker/Scraper...	\$ 11.00	6.67

ELEC0569-001 12/02/2010

	Rates	Fringes
Electricians (Tunnel Work)		
Cable Splicer.....	\$ 41.98	3%+11.69
Electrician.....	\$ 41.23	3%+11.69
Electricians: (All Other Work, Including 4 Stories Residential)		
Cable Splicer.....	\$ 37.40	3%+11.69
Electrician.....	\$ 36.65	3%+11.69

ELEC0569-005 06/01/2011

	Rates	Fringes
Sound & Communications		
Sound Technician.....	\$ 27.07	3%+10.68
Soundman.....	\$ 21.66	3%+9.04

SOUND TECHNICIAN: Terminating, operating and performing final check-out

SOUNDMAN: Wire-pulling, splicing, assembling and installing devices

SCOPE OF WORK Assembly, installation, operation, service and maintenance of components or systems as used in closed circuit television, amplified master television distribution, CATV on private property, intercommunication, burglar alarm, fire alarm, life support and all security alarms, private and public telephone and related telephone interconnect, public address, paging, audio, language, electronic, background music system less than line voltage or any system acceptable for class two wiring for private, commercial, or industrial use furnished by leased wire, frequency modulation or other recording devices, electrical apparatus by means of which electricity is applied to the amplification, transmission, transference, recording or reproduction of voice, music, sound, impulses and video. Excluded from this Scope of Work - transmission, service and maintenance of background music. All of the above shall include the installation and transmission over fiber optics.

ELEC0569-006 12/01/2011

Work on street lighting; traffic signals; and underground systems and/or established easements outside of buildings

	Rates	Fringes
Traffic signal, street light and underground work		
Utility Technician #1.....	\$ 27.40	7.94
Utility Technician #2.....	\$ 22.55	7.80

STREET LIGHT & TRAFFIC SIGNAL WORK:

UTILITY TECHNICIAN #1: Installation of street lights and traffic signals, including electrical circuitry, programmable controller, pedestal-mounted electrical meter enclosures and laying of pre-assembled cable in ducts. The layout of electrical systems and communication installation including proper position of trench depths, and radius at duct banks, location for manholes, street lights and traffic signals.

UTILITY TECHNICIAN #2: Distribution of material at jobsite, installation of underground ducts for electrical, telephone, cable TV land communication systems. The setting, leveling, grounding and racking of precast manholes, handholes and transformer pads.

ELEC0569-008 06/01/2011

	Rates	Fringes
ELECTRICIAN (Residential, 1-3 Stories).....	\$ 22.37	3%+2.90

ELEC1245-001 06/01/2011

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer..	\$ 47.87	13.87
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....	\$ 38.23	12.80
(3) Groundman.....	\$ 29.25	12.53
(4) Powderman.....	\$ 42.75	12.97

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

ELEV0018-001 01/01/2012

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 47.73	23.535

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.

ENGI0012-003 07/01/2011

	Rates	Fringes
OPERATOR: Power Equipment (All Other Work)		
GROUP 1.....	\$ 36.13	20.77
GROUP 2.....	\$ 36.91	20.77
GROUP 3.....	\$ 37.20	20.77
GROUP 4.....	\$ 38.69	20.77
GROUP 5.....	\$ 40.49	20.77
GROUP 6.....	\$ 38.91	20.77
GROUP 8.....	\$ 39.02	20.77
GROUP 9.....	\$ 40.82	20.77
GROUP 10.....	\$ 39.14	20.77
GROUP 11.....	\$ 40.94	20.77
GROUP 12.....	\$ 39.31	20.77
GROUP 13.....	\$ 39.41	20.77
GROUP 14.....	\$ 39.44	20.77
GROUP 15.....	\$ 39.52	20.77
GROUP 16.....	\$ 39.64	20.77
GROUP 17.....	\$ 39.81	20.77
GROUP 18.....	\$ 39.91	20.77
GROUP 19.....	\$ 40.02	20.77
GROUP 20.....	\$ 40.14	20.77
GROUP 21.....	\$ 40.31	20.77
GROUP 22.....	\$ 40.41	20.77
GROUP 23.....	\$ 40.52	20.77
GROUP 24.....	\$ 40.64	20.77
GROUP 25.....	\$ 40.81	20.77

OPERATOR: Power Equipment (Cranes, Piledriving & Hoisting)		
GROUP 1.....	\$ 37.48	20.77
GROUP 2.....	\$ 38.26	20.77
GROUP 3.....	\$ 38.55	20.77
GROUP 4.....	\$ 38.69	20.77
GROUP 5.....	\$ 38.91	20.77
GROUP 6.....	\$ 39.02	20.77
GROUP 7.....	\$ 39.14	20.77

GROUP 8.....	\$ 39.31	20.77
GROUP 9.....	\$ 39.48	20.77
GROUP 10.....	\$ 40.48	20.77
GROUP 11.....	\$ 41.48	20.77
GROUP 12.....	\$ 42.48	20.77
GROUP 13.....	\$ 43.48	20.77
OPERATOR: Power Equipment (Tunnel Work)		
GROUP 1.....	\$ 37.98	20.77
GROUP 2.....	\$ 38.76	20.77
GROUP 3.....	\$ 39.05	20.77
GROUP 4.....	\$ 39.19	20.77
GROUP 5.....	\$ 39.41	20.77
GROUP 6.....	\$ 39.52	20.77
GROUP 7.....	\$ 39.64	20.77

PREMIUM PAY:

\$3.75 per hour shall be paid on all Power Equipment Operator work on the following Military Bases: China Lake Naval Reserve, Vandenberg AFB, Point Arguello, Seely Naval Base, Fort Irwin, Nebo Annex Marine Base, Marine Corp Logistics Base Yermo, Edwards AFB, 29 Palms Marine Base and Camp Pendleton

Workers required to suit up and work in a hazardous material environment: \$2.00 per hour additional. Combination mixer and compressor operator on gunite work shall be classified as a concrete mobile mixer operator.

SEE ZONE DEFINITIONS AFTER CLASSIFICATIONS

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bargeman; Brakeman; Compressor operator; Ditch Witch, with seat or similar type equipment; Elevator operator-inside; Engineer Oiler; Forklift operator (includes loed, lull or similar types under 5 tons; Generator operator; Generator, pump or compressor plant operator; Pump operator; Signalman; Switchman

GROUP 2: Asphalt-rubber plant operator (nurse tank operator); Concrete mixer operator-skip type; Conveyor operator; Fireman; Forklift operator (includes loed, lull or similar types over 5 tons; Hydrostatic pump operator; oiler crusher (asphalt or concrete plant); Petromat laydown machine; PJU side dum jack; Screening and conveyor machine operator (or similar types); Skiploader (wheel type up to 3/4 yd. without attachment); Tar pot fireman; Temporary heating plant operator; Trenching machine oiler

GROUP 3: Asphalt-rubber blend operator; Bobcat or similar type (Skid steer); Equipment greaser (rack); Ford Ferguson (with dragtype attachments); Helicopter radioman (ground); Stationary pipe wrapping and cleaning machine operator

GROUP 4: Asphalt plant fireman; Backhoe operator (mini-max or similar type); Boring machine operator; Boxman or mixerman (asphalt or concrete); Chip spreading machine operator; Concrete cleaning decontamination machine operator; Concrete Pump Operator (small portable); Drilling machine operator, small auger types (Texoma super economatic or similar types - Hughes 100 or 200 or similar types - drilling depth of 30' maximum); Equipment greaser (grease truck); Guard rail post driver operator; Highline cableway signalman; Horizontal Directional Drilling Machine; Hydra-hammer-aero stomper; Micro Tunneling (above ground tunnel); Power concrete curing machine operator; Power concrete saw operator; Power-driven jumbo form setter operator; Power sweeper operator; Rock Wheel Saw/Trencher; Roller operator (compacting); Screed operator (asphalt or concrete); Trenching machine operator (up to 6 ft.); Vacuum or much truck

GROUP 5: Equipment Greaser (Grease Truck/Multi Shift).

GROUP 6: Articulating material hauler; Asphalt plant engineer; Batch plant operator; Bit sharpener; Concrete joint machine operator (canal and similar type); Concrete planer operator; Dandy digger; Deck engine operator; Derrickman (oilfield type); Drilling machine operator, bucket or auger types (Calweld 100 bucket or similar types - Watson 1000 auger or similar types - Texoma 330, 500 or 600 auger or similar types - drilling depth of 45' maximum); Drilling machine operator; Hydrographic seeder machine operator (straw, pulp or seed), Jackson track maintainer, or similar type; Kalamazoo Switch tamper, or similar type; Machine tool operator; Maginnis internal full slab vibrator, Mechanical berm, curb or gutter (concrete or asphalt); Mechanical finisher operator (concrete, Clary-Johnson-Bidwell or similar); Micro tunnel system (below ground); Pavement breaker operator (truck mounted); Road oil mixing machine operator; Roller operator (asphalt or finish), rubber-tired earth moving equipment (single engine, up to and including 25 yds. struck); Self-propelled tar pipelining machine operator; Skiploader operator (crawler and wheel type, over 3/4 yd. and up to and including 1-1/2 yds.); Slip form pump operator (power driven hydraulic lifting device for concrete forms); Tractor operator-bulldozer, tamper-scraper (single engine, up to 100 h.p. flywheel and similar types, up to and including D-5 and similar types); Tugger hoist operator (1 drum); Ultra high pressure waterjet cutting tool system operator; Vacuum blasting machine operator

GROUP 8: Asphalt or concrete spreading operator (tamping or finishing); Asphalt paving machine operator (Barber Greene or similar type); Asphalt-rubber distribution operator; Backhoe operator (up to and including 3/4 yd.), small ford,

Case or similar; Cast-in-place pipe laying machine operator; Combination mixer and compressor operator (gunite work); Compactor operator (self-propelled); Concrete mixer operator (paving); Crushing plant operator; Drill Doctor; Drilling machine operator, Bucket or auger types (Calweld 150 bucket or similar types - Watson 1500, 2000 2500 auger or similar types - Texoma 700, 800 auger or similar types - drilling depth of 60' maximum); Elevating grader operator; Grade checker; Gradall operator; Grouting machine operator; Heavy-duty repairman; Heavy equipment robotics operator; Kalamazoo balliste regulator or similar type; Kolman belt loader and similar type; Le Tourneau blob compactor or similar type; Loader operator (Athey, Euclid, Sierra and similar types); Mobark Chipper or similar; Ozzie padder or similar types; P.C. slot saw; Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pumpcrete gun operator; Rock Drill or similar types; Rotary drill operator (excluding caisson type); Rubber-tired earth-moving equipment operator (single engine, caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. up to and including 50 cu. yds. struck); Rubber-tired earth-moving equipment operator (multiple engine up to and including 25 yds. struck); Rubber-tired scraper operator (self-loading paddle wheel type-John Deere, 1040 and similar single unit); Self-propelled curb and gutter machine operator; Shuttle buggy; Skiploader operator (crawler and wheel type over 1-1/2 yds. up to and including 6-1/2 yds.); Soil remediation plant operator; Surface heaters and planer operator; Tractor compressor drill combination operator; Tractor operator (any type larger than D-5 - 100 flywheel h.p. and over, or similar-bulldozer, tamper, scraper and push tractor single engine); Tractor operator (boom attachments), Traveling pipe wrapping, cleaning and bending machine operator; Trenching machine operator (over 6 ft. depth capacity, manufacturer's rating); trenching Machine with Road Miner attachment (over 6 ft depth capacity): Ultra high pressure waterjet cutting tool system mechanic; Water pull (compaction) operator

GROUP 9: Heavy Duty Repairman

GROUP 10: Drilling machine operator, Bucket or auger types (Calweld 200 B bucket or similar types-Watson 3000 or 5000 auger or similar types-Texoma 900 auger or similar types-drilling depth of 105' maximum); Dual drum mixer, dynamic compactor LDC350 (or similar types); Monorail locomotive operator (diesel, gas or electric); Motor patrol-blade operator (single engine); Multiple engine tractor operator (Euclid and similar type-except Quad 9 cat.); Rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck); Pneumatic pipe ramming tool and similar types; Prestressed wrapping machine operator; Rubber-tired earth-moving equipment operator (single

engine, over 50 yds. struck); Rubber tired earth moving equipment operator (multiple engine, Euclid, caterpillar and similar over 25 yds. and up to 50 yds. struck), Tower crane repairman; Tractor loader operator (crawler and wheel type over 6-1/2 yds.); Woods mixer operator (and similar Pugmill equipment)

GROUP 11: Heavy Duty Repairman - Welder Combination, Welder - Certified.

GROUP 12: Auto grader operator; Automatic slip form operator; Drilling machine operator, bucket or auger types (Calweld, auger 200 CA or similar types - Watson, auger 6000 or similar types - Hughes Super Duty, auger 200 or similar types - drilling depth of 175' maximum); Hoe ram or similar with compressor; Mass excavator operator less than 750 cu. yards; Mechanical finishing machine operator; Mobile form traveler operator; Motor patrol operator (multi-engine); Pipe mobile machine operator; Rubber-tired earth-moving equipment operator (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck); Rubber-tired self-loading scraper operator (paddle-wheel-auger type self-loading - two (2) or more units)

GROUP 13: Rubber-tired earth-moving equipment operator operating equipment with push-pull system (single engine, up to and including 25 yds. struck)

GROUP 14: Canal liner operator; Canal trimmer operator; Remote-control earth-moving equipment operator (operating a second piece of equipment: \$1.00 per hour additional); Wheel excavator operator (over 750 cu. yds.)

GROUP 15: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine-up to and including 25 yds. struck)

GROUP 16: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 17: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 50 cu. yds. struck); Tandem tractor operator (operating crawler type tractors in tandem - Quad 9 and similar type)

GROUP 18: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, up to and including 25 yds. struck)

GROUP 19: Rotex concrete belt operator (or similar types); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - multiple engine, up to and including 25 yds. struck)

GROUP 20: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 21: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

GROUP 22: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, up to and including 25 yds. struck)

GROUP 23: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck); Rubber-tired earth-moving equipment operator, operating with the tandem push-pull system (multiple engine, up to and including 25 yds. struck)

GROUP 24: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 25: Concrete pump operator-truck mounted; Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

CRANES, PILEDRIVING AND HOISTING EQUIPMENT CLASSIFICATIONS

GROUP 1: Engineer oiler; Fork lift operator (includes loed, lull or similar types)

GROUP 2: Truck crane oiler

GROUP 3: A-frame or winch truck operator; Ross carrier operator (jobsite)

GROUP 4: Bridge-type unloader and turntable operator; Helicopter hoist operator

GROUP 5: Hydraulic boom truck; Stinger crane (Austin-Western or similar type); Tugger hoist operator (1 drum)

GROUP 6: Bridge crane operator; Cretor crane operator; Hoist operator (Chicago boom and similar type); Lift mobile operator; Lift slab machine operator (Vagtborg and similar types); Material hoist and/or manlift operator; Polar gantry crane operator; Self Climbing scaffold (or similar type); Shovel, backhoe, dragline, clamshell operator (over 3/4 yd. and up to 5 cu. yds. mrc); Tugger hoist operator

GROUP 7: Pedestal crane operator; Shovel, backhoe, dragline, clamshell operator (over 5 cu. yds. mrc); Tower crane repair; Tugger hoist operator (3 drum)

GROUP 8: Crane operator (up to and including 25 ton capacity); Crawler transporter operator; Derrick barge operator (up to and including 25 ton capacity); Hoist operator, stiff legs, Guy derrick or similar type (up to and including 25 ton capacity); Shovel, backhoe, dragline, clamshell operator (over 7 cu. yds., M.R.C.)

GROUP 9: Crane operator (over 25 tons and up to and including 50 tons mrc); Derrick barge operator (over 25 tons up to and including 50 tons mrc); Highline cableway operator; Hoist operator, stiff legs, Guy derrick or similar type (over 25 tons up to and including 50 tons mrc); K-crane operator; Polar crane operator; Self erecting tower crane operator maximum lifting capacity ten tons

GROUP 10: Crane operator (over 50 tons and up to and including 100 tons mrc); Derrick barge operator (over 50 tons up to and including 100 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 50 tons up to and including 100 tons mrc), Mobile tower crane operator (over 50 tons, up to and including 100 tons M.R.C.); Tower

crane operator and tower gantry

GROUP 11: Crane operator (over 100 tons and up to and including 200 tons mrc); Derrick barge operator (over 100 tons up to and including 200 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 100 tons up to and including 200 tons mrc); Mobile tower crane operator (over 100 tons up to and including 200 tons mrc)

GROUP 12: Crane operator (over 200 tons up to and including 300 tons mrc); Derrick barge operator (over 200 tons up to and including 300 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 200 tons, up to and including 300 tons mrc); Mobile tower crane operator (over 200 tons, up to and including 300 tons mrc)

GROUP 13: Crane operator (over 300 tons); Derrick barge operator (over 300 tons); Helicopter pilot; Hoist operator, stiff legs, Guy derrick or similar type (over 300 tons); Mobile tower crane operator (over 300 tons)

TUNNEL CLASSIFICATIONS

GROUP 1: Skiploader (wheel type up to 3/4 yd. without attachment)

GROUP 2: Power-driven jumbo form setter operator

GROUP 3: Dinkey locomotive or motorperson (up to and including 10 tons)

GROUP 4: Bit sharpener; Equipment greaser (grease truck); Slip form pump operator (power-driven hydraulic lifting device for concrete forms); Tugger hoist operator (1 drum); Tunnel locomotive operator (over 10 and up to and including 30 tons)

GROUP 5: Backhoe operator (up to and including 3/4 yd.); Small Ford, Case or similar; Drill doctor; Grouting machine operator; Heading shield operator; Heavy-duty repairperson; Loader operator (Athey, Euclid, Sierra and similar types); Mucking machine operator (1/4 yd., rubber-tired, rail or track type); Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pneumatic heading shield (tunnel); Pumpcrete gun operator; Tractor compressor drill combination operator; Tugger hoist operator (2 drum); Tunnel locomotive operator (over 30 tons)

GROUP 6: Heavy Duty Repairman

GROUP 7: Tunnel mole boring machine operator

ENGINEERS ZONES

\$1.00 additional per hour for all of IMPERIAL County and the portions of KERN, RIVERSIDE & SAN BERNARDINO Counties as defined below:

That area within the following Boundary: Begin in San Bernardino County, approximately 3 miles NE of the intersection of I-15 and the California State line at that point which is the NW corner of Section 1, T17N, R14E, San Bernardino Meridian. Continue W in a straight line to that point which is the SW corner of the northwest quarter of Section 6, T27S, R42E, Mt. Diablo Meridian. Continue North to the intersection with the Inyo County Boundary at that point which is the NE corner of the western half of the northern quarter of Section 6, T25S, R42E, MDM. Continue W along the Inyo and San Bernardino County boundary until the intersection with Kern County, as that point which is the SE corner of Section 34, T24S, R40E, MDM. Continue W along the Inyo and Kern County boundary until the intersection with Tulare County, at that point which is the SW corner of the SE quarter of Section 32, T24S, R37E, MDM. Continue W along the Kern and Tulare County boundary, until that point which is the NW corner of T25S, R32E, MDM. Continue S following R32E lines to the NW corner of T31S, R32E, MDM. Continue W to the NW corner of T31S, R31E, MDM. Continue S to the SW corner of T32S, R31E, MDM. Continue W to SW corner of SE quarter of Section 34, T32S, R30E, MDM. Continue S to SW corner of T11N, R17W, SBM. Continue E along south boundary of T11N, SBM to SW corner of T11N, R7W, SBM. Continue S to SW corner of T9N, R7W, SBM. Continue E along south boundary of T9N, SBM to SW corner of T9N, R1E, SBM. Continue S along west boundary of R1E, SMB to Riverside County line at the SW corner of T1S, R1E, SBM. Continue E along south boundary of T1S, SBM (Riverside County Line) to SW corner of T1S, R10E, SBM. Continue S along west boundary of R10E, SBM to Imperial County line at the SW corner of T8S, R10E, SBM. Continue W along Imperial and Riverside county line to NW corner of T9S, R9E, SBM. Continue S along the boundary between Imperial and San Diego Counties, along the west edge of R9E, SBM to the south boundary of Imperial County/California state line. Follow the California state line west to Arizona state line, then north to Nevada state line, then continuing NW back to start at the point which is the NW corner of Section 1, T17N, R14E, SBM

\$1.00 additional per hour for portions of SAN LUIS OBISPO, KERN, SANTA BARBARA & VENTURA as defined below:

That area within the following Boundary: Begin approximately 5 miles north of the community of Cholame, on the Monterey County and San Luis Obispo County boundary at the NW corner of T25S, R16E, Mt. Diablo Meridian. Continue south along the west side of R16E to the SW corner of T30S, R16E, MDM. Continue E to SW corner of T30S, R17E, MDM. Continue S to SW corner of T31S, R17E, MDM. Continue E to SW corner of T31S, R18E, MDM. Continue S along West side of R18E, MDM as it crosses into San

Bernardino Meridian numbering area and becomes R30W. Follow the west side of R30W, SBM to the SW corner of T9N, R30W, SBM. Continue E along the south edge of T9N, SBM to the Santa Barbara County and Ventura County boundary at that point which is the SW corner of Section 34. T9N, R24W, SBM, continue S along the Ventura County line to that point which is the SW corner of the SE quarter of Section 32, T7N, R24W, SBM. Continue E along the south edge of T7N, SBM to the SE corner to T7N, R21W, SBM. Continue N along East side of R21W, SBM to Ventura County and Kern County boundary at the NE corner of T8N, R21W. Continue W along the Ventura County and Kern County boundary to the SE corner of T9N, R21W. Continue North along the East edge of R21W, SBM to the NE corner of T12N, R21W, SBM. Continue West along the north edge of T12N, SBM to the SE corner of T32S, R21E, MDM. [T12N SBM is a think strip between T11N SBM and T32S MDM]. Continue North along the East side of R21E, MDM to the Kings County and Kern County border at the NE corner of T25S, R21E, MDM, continue West along the Kings County and Kern County Boundary until the intersection of San Luis Obispo County. Continue west along the Kings County and San Luis Obispo County boundary until the intersection with Monterey County. Continue West along the Monterey County and San Luis Obispo County boundary to the beginning point at the NW corner of T25S, R16E, MDM.

\$2.00 additional per hour for INYO and MONO Counties and the Northern portion of SAN BERNARDINO County as defined below:

That area within the following Boundary: Begin at the intersection of the northern boundary of Mono County and the California state line at the point which is the center of Section 17, T10N, R22E, Mt. Diablo Meridian. Continue S then SE along the entire western boundary of Mono County, until it reaches Inyo County at the point which is the NE corner of the Western half of the NW quarter of Section 2, T8S, R29E, MDM. Continue SSE along the entire western boundary of Inyo County, until the intersection with Kern County at the point which is the SW corner of the SE 1/4 of Section 32, T24S, R37E, MDM. Continue E along the Inyo and Kern County boundary until the intersection with San Bernardino County at that point which is the SE corner of section 34, T24S, R40E, MDM. Continue E along the Inyo and San Bernardino County boundary until the point which is the NE corner of the Western half of the NW quarter of Section 6, T25S, R42E, MDM. Continue S to that point which is the SW corner of the NW quarter of Section 6, T27S, R42E, MDM. Continue E in a straight line to the California and Nevada state border at the point which is the NW corner of Section 1, T17N, R14E, San Bernardino Meridian. Then continue NW along the state line to the starting point, which is the center of Section 18, T10N, R22E, MDM.

REMAINING AREA NOT DEFINED ABOVE RECIEVES BASE RATE

ENGI0012-004 08/01/2009

	Rates	Fringes
OPERATOR: Power Equipment (DREDGING)		
(1) Leverman.....	\$ 44.83	17.22
(2) Dredge dozer.....	\$ 40.36	17.22
(3) Deckmate.....	\$ 40.25	17.22
(4) Winch operator (stern winch on dredge).....	\$ 39.70	17.22
(5) Fireman-Oiler, Deckhand, Bargeman, Leveehand.....	\$ 39.16	17.22
(6) Barge Mate.....	\$ 39.77	17.22

IRON0002-004 07/01/2011

	Rates	Fringes
Ironworkers:		
Fence Erector.....	\$ 26.58	15.76
Ornamental, Reinforcing and Structural.....	\$ 33.00	24.40

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

LABO0089-001 07/01/2011

	Rates	Fringes
LABORER (BUILDING and all other Residential		

Construction)		
Group 1.....	\$ 26.50	14.92
Group 2.....	\$ 26.96	14.92
Group 3.....	\$ 27.37	14.92
Group 4.....	\$ 28.21	14.92
Group 5.....	\$ 32.33	14.92

LABORER (RESIDENTIAL
CONSTRUCTION - See definition
below)

(1) Laborer.....	\$ 23.48	14.13
(2) Cleanup, Landscaping, Fencing (chain link or wood).....	\$ 22.19	14.13

RESIDENTIAL DEFINITION: Wood or metal frame construction of single family residences, apartments and condominiums - excluding (a) projects that exceed three stories over a garage level, (b) any utility work such as telephone, gas, water, sewer and other utilities and (c) any fine grading work, utility work or paving work in the future street and public right-of-way; but including all rough grading work at the job site behind the existing right of way

LABORER CLASSIFICATIONS

GROUP 1: Cleaning and handling of panel forms; Concrete Screeding for Rought Strike-off; Concrete, water curing; Demolition laborer; Flagman; Gas, oil and/or water pipeline laborer; General Laborer; General clean-up laborer; Landscape laborer; Jetting laborer; Temporary water and air lines laborer; Material hoseman (walls, slabs, floors and decks); Plugging, filling of Shee-bolt holes; Dry packing of concrete; Railroad maintenance, Repair Trackman and road beds, Streetcar and railroad construction trac laborers; Slip form raisers; Slurry seal crews (mixer operator, applicator operator, squeegee man, Shuttle man, top man), filling of cracks by any method on any surface; Tarman and mortar man; Tool crib or tool house laborer; Window cleaner; Wire Mesh puling-all concrete pouring operations

GROUP 2: Asphalt Shoveler; Cement Dumper (on 1 yard or larger mixer and handling bulk cement); Cesspool digger and installer; Chucktender; Chute man, pouring concrete, the handling of the cute from ready mix trucks, such as walls, slabs, decks, floors, foundations, footings, curbs, gutters and sidewalks; Concrete curer-impervious membrane and form oiler; Cutting torch operator (demoliton); Guinea chaser; Headboard man-asphlt; Laborer, packing rod steel and pans; membrane vapor barrier installer; Power broom sweepers (small); Riiprap, stonepaver, placing stone or wet sacked concrete; Roto scraper and tiller; Tank sealer and cleaner; Tree climber, faller, chain saw operator, Pittsburgh Chipper and similar type brush

shredders; Underground laborers, including caisson bellower

GROUP 3: Buggymobile; Concrete cutting torch; Concrete cutting torch; Concrete pile cutter; Driller, jackhammer, 2 1/2 feet drill steel or longer; Dri Pak-it machine; High sealer (including drilling of same); Hydro seeder and similar type; Impact wrench, mult-plate; Kettleman, potmen and man applying asphalt, lay-kold, creosote, line caustic and similar type materials (applying means applying, dipping, brushing or handling of such materials for pipe wrapping and waterproofing); Operators of pneumatic, gas, electric tools, vibrating machines, pavement breakers, air blasting, come-along, and similar mechanical tools not separately classified herein; Pipelayers back up man coating, grouting, making of joints, sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services; Rotary Scarifier or multiple head concrete chipping scarifier; Steel header board man and guideline setter; Tampers, Barko, Wacker and similar type; Trenching machine, handpropelled

GROUP 4: Asphalt raker, luterman, ironer, asphalt dumpman and asphalt spreader boxes (all types); Concrete core cutter (walls, floors or ceilings), Grinder or sander; Concrete saw man; cutting walls or flat work, scoring old or new concrete; Cribber, shorer, lagging, sheeting and trench bracing, hand-guided lagging hammer; Laser beam in connection with laborer's work; Oversize concrete vibrator operator 70 pounds and over; Pipelayer performing all services in the laying, installation and all forms of connection of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, metallic or non-metallic, conduit, and any other stationary type of tubular device used for the conveying of any substance or element, whether water, sewage, solid, gas, air or other product whatsoever and without regard to the nature of material from which the tubular material is fabricated; No joint pipe and stripping of same; Prefabricated manhole installer; Sandblaster (nozzleman), Porta shot-blast, water blasting

GROUP 5: Blasters Powderman-All work of loading holes, placing and blasting of all powder and explosives of whatever type, regardless of method used for such loading and placing; Driller-all power drills, excluding jackhammer, whether core, diamond, wagon, track, multiple unit, and any and all other types of mechanical drills without regard to the form of motive power.

LABO0089-002 07/01/2010

Rates

Fringes

LABORER (MASON TENDER).....\$ 27.11 14.38

LABO0089-004 07/01/2011

HEAVY AND HIGHWAY CONSTRUCTION

	Rates	Fringes
Laborers:		
GROUP 1.....	\$ 26.50	14.92
GROUP 2.....	\$ 26.96	14.92
GROUP 3.....	\$ 27.37	14.92
GROUP 4.....	\$ 28.21	14.92
GROUP 5.....	\$ 32.33	14.92

LABORER CLASSIFICATIONS

GROUP 1: Laborer: General or Construction Laborer, Landscape Laborer. Asphalt Rubber Material Loader. Boring Machine Tender (outside), Carpenter Laborer (cleaning, handling, oiling & blowing of panel forms and lumber), Concrete Laborer, Concrete Screeding for rough strike-off, Concrete water curing. Concrete Curb & Gutter laborer, Certified Confined Space Laborer, Demolition laborer & Cleaning of Brick and lumber, Expansion Joint Caulking; Environmental Remediation, Monitoring Well, Toxic waste and Geotechnical Drill tender, Fine Grader, Fire Watcher, Limbers, Brush Loader, Pilers and Debris Handlers. flagman. Gas Oil and Water Pipeline Laborer. Material Hoseman (slabs, walls, floors, decks); Plugging, filling of shee bolt holes; Dry packing of concrete and patching; Post Holer Digger (manual); Railroad maintenance, repair trackman, road beds; Rigging & signaling; Scaler, Slip-Form Raisers, Filling cracks on any surface, tool Crib or Tool House Laborer, Traffic control (signs, barriers, barricades, delineator, cones etc.), Window Cleaner

GROUP 2: Asphalt abatement; Buggymobile; Cement dumper (on 1 yd. or larger mixers and handling bulk cement); Concrete curer, impervious membrane and form oiler; Chute man, pouring concrete; Concrete cutting torch; Concrete pile cutter; driller/Jackhammer, with drill steel 2 1/2 feet or longer; Dry pak-it machine; Fence erector; Pipeline wrapper, gas, oil, water, pot tender & form man; Grout man; Installation of all asphalt overlay fabric and materials used for reinforcing asphalt; Irrigation laborer; Kettleman-Potman hot mop, includes applying asphalt, lay-klold, creosote, lime caustic and similar tyhpes of materials (dipping, brushing, handling) and waterproofing; Membrane vapor barrier installer; Pipelayer backup man (coating, grouting, making of joints, sealing caulkiing, diapering including rubber basket joints, pointing); Rotary scarifier, multiple head concrete chipper; Rock slinger; Roto scraper & tiller; Sandblaster pot tender;

Septic tank digger/installer; Tamper/wacker operator; Tank scaler & cleaner; Tar man & mortar man; Tree climber/faller, chainb saw operator, Pittsburgh chipper & similar type brush shredders.

GROUP 3: Asphalt, installation of all frabrics; Buggy Mobile Man, Bushing hammer; Compactor (all types), Concrete Curer - Impervious membrane, Form Oiler, Concrete Cutting Torch, Concrete Pile Cutter,Driller/Jackhammer with drill steel 2 1/2 ft or longer, Dry Pak-it machine, Fence erector including manual post hole digging, Gas oil or water Pipeline Wrapper - 6 ft pipe and over, Guradrail erector, Hydro seeder, Impact Wrench man (multi plate), kettleman-Potman Hot Mop includes applying Asphalt, Lay-Kold, Creosote, lime caustic and similar types of materials (dipping, brushing or handling) and waterproofing. Laser Beam in connection with Laborer work. High Scaler, Operators of Pneumatic Gas or Electric Tools, Vibrating Machines, Pavement Breakers, Air Blasting, Come-Alongs and similar mechanical tools, Remote-Controlled Robotic Tools in connection with Laborers work. Pipelayer Backup Man (Coating, grouting,m makeing of joints, sealing, caulking, diapering including rubber gasket joints, pointing and other services). Power Post Hole Digger, Rotary Scarifier (multiple head concrete chipper scarifier), Rock Slinger, Shot Blast equipment (8 to 48 inches), Steel Headerboard Man and Guideline Setter, Tamper/Wacker operator and similar types, Trenching Machine hand propelled.

GROUP 4: Any worker exposed to raw sewage. Asphalt Raker, Luteman, Asphalt Dumpman, Asphalt Spreader Boxes, Concrete Core Cutter, Concrete Saw Man, Cribber, Shorer, Head Rock Slinger. Installation of subsurface instrumentation, monitoring wells or points, remediation system installer; Laborer, asphalt-rubber distributor bootman; Oversize concrete vibrator operators, 70 pounds or over. Pipelayer, Prfefabricated Manhole Installer, Sandblast Nozzleman (Water Balsting-Porta Shot Blast), Traffic Lane Closure.

GROUP 5: Blasters Powderman-All work of loading holes, placing and blasting of all powder and explosives of whatever type, regardless of method used for such loading and placing; Horizontal directional driller, Boring system, Electronic traking, Driller: all power drills excluding jackhammer, whether core, diamond, wagon, track, multiple unit, and all other types of mechanical drills without regard to form of motive power. Environmental remediation, Monitoring well, Toxic waste and Geotechnical driller, Toxic waste removal. Welding in connection with Laborer's work.

LABO0300-008 08/05/2009

	Rates	Fringes
LABORER		
PLASTER CLEAN-UP LABORER....	\$ 26.65	15.95
PLASTER TENDER.....	\$ 29.20	15.95

Work at Military Bases - \$3.00 additional per hour:
 Coronado Naval Amphibious Base, Fort Irwin, Marine Corps Air
 Station-29 Palms, Imperial Beach Naval Air Station, Marine
 Corps Logistics Supply Base, Marine Corps Pickle Meadows,
 Mountain Warfare Training Center, Naval Air
 Facility-Seeley, North Island Naval Air Station, Vandenberg
 AFB.

LABO0882-002 01/01/2010

	Rates	Fringes
Asbestos Removal Laborer.....	\$ 26.15	11.65

SCOPE OF WORK: Includes site mobilization, initial site
 cleanup, site preparation, removal of asbestos-containing
 material and toxic waste, encapsulation, enclosure and
 disposal of asbestos- containing materials and toxic waste
 by hand or with equipment or machinery; scaffolding,
 fabrication of temporary wooden barriers and assembly of
 decontamination stations.

LABO1184-001 07/01/2011

	Rates	Fringes
Laborers: (HORIZONTAL DIRECTIONAL DRILLING)		
(1) Drilling Crew Laborer...	\$ 28.01	11.48
(2) Vehicle Operator/Hauler.	\$ 28.18	11.48
(3) Horizontal Directional Drill Operator.....	\$ 30.03	11.48
(4) Electronic Tracking Locator.....	\$ 32.03	11.48
Laborers: (STRIPING/SLURRY SEAL)		
GROUP 1.....	\$ 28.50	14.56
GROUP 2.....	\$ 29.80	14.56
GROUP 3.....	\$ 31.81	14.56
GROUP 4.....	\$ 33.55	14.56

LABORERS - STRIPING CLASSIFICATIONS

GROUP 1: Protective coating, pavement sealing, including
 repair and filling of cracks by any method on any surface
 in parking lots, game courts and playgrounds; carstops;

operation of all related machinery and equipment; equipment repair technician

GROUP 2: Traffic surface abrasive blaster; pot tender - removal of all traffic lines and markings by any method (sandblasting, waterblasting, grinding, etc.) and preparation of surface for coatings. Traffic control person: controlling and directing traffic through both conventional and moving lane closures; operation of all related machinery and equipment

GROUP 3: Traffic delineating device applicator: Layout and application of pavement markers, delineating signs, rumble and traffic bars, adhesives, guide markers, other traffic delineating devices including traffic control. This category includes all traffic related surface preparation (sandblasting, waterblasting, grinding) as part of the application process. Traffic protective delineating system installer: removes, relocates, installs, permanently affixed roadside and parking delineation barricades, fencing, cable anchor, guard rail, reference signs, monument markers; operation of all related machinery and equipment; power broom sweeper

GROUP 4: Striper: layout and application of traffic stripes and markings; hot thermo plastic; tape traffic stripes and markings, including traffic control; operation of all related machinery and equipment

PAIN0036-001 01/01/2012

	Rates	Fringes
Painters: (Including Lead Abatement)		
(1) Repaint (excludes San Diego County).....	\$ 26.05	10.35
(2) All Other Work.....	\$ 29.32	10.35

REPAINT of any previously painted structure. Exceptions: work involving the aerospace industry, breweries, commercial recreational facilities, hotels which operate commercial establishments as part of hotel service, and sports facilities.

PAIN0036-010 10/05/2011

	Rates	Fringes
DRYWALL FINISHER/TAPER		
(1) Building & Heavy Construction.....	\$ 33.22	13.81
(2) Residential Construction (Wood frame		

apartments, single family
homes and multi-duplexes
up to and including four
stories).....\$ 21.72 11.13

PAIN0036-012 10/01/2011

	Rates	Fringes
GLAZIER.....	\$ 38.80	15.50

PAIN0036-019 02/01/2009

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 26.77	11.75

PLAS0200-005 08/01/2011

	Rates	Fringes
PLASTERER.....	\$ 35.29	12.05

NORTH ISLAND NAVAL AIR STATION, COLORADO NAVAL AMPHIBIOUS
BASE, IMPERIAL BEACH NAVAL AIR STATION: \$3.00 additional
per hour.

PLAS0500-001 06/26/2010

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
GROUP 1.....	\$ 22.29	9.90
GROUP 2.....	\$ 23.94	9.90
GROUP 3.....	\$ 26.57	10.35

CEMENT MASONS - work inside the building line, meeting the
following criteria:

GROUP 1: Residential wood frame project of any size; work
classified as Type III, IV or Type V construction;
interior tenant improvement work regardless the size of the
project; any wood frame project of four stories or less.

GROUP 2: Work classified as type I and II construction

GROUP 3: All other work

PLUM0016-006 07/01/2011

	Rates	Fringes
PLUMBER, PIPEFITTER, STEAMFITTER		

Camp Pendleton.....	\$ 44.00	19.35
Plumber and Pipefitter All other work except work on new additions and remodeling of bars, restaurant, stores and commercial buildings not to exceed 5,000 sq. ft. of floor space and work on strip malls, light commercial, tenant improvement and remodel work.....	\$ 39.50	19.35
Work ONLY on new additions and remodeling of commercial buildings, bars, restaurants, and stores not to exceed 5,000 sq. ft. of floor space.....	\$ 38.30	18.37
Work ONLY on strip malls, light commercial, tenant improvement and remodel work.....	\$ 30.79	16.70

PLUM0016-011 07/01/2011

	Rates	Fringes
PLUMBER/PIPEFITTER Residential.....	\$ 31.92	15.27

PLUM0345-001 07/01/2011

	Rates	Fringes
PLUMBER Landscape/Irrigation Fitter..	\$ 27.35	16.34
Sewer & Storm Drain Work....	\$ 26.82	18.18

ROOF0045-001 07/01/2011

	Rates	Fringes
ROOFER.....	\$ 23.46	6.70

* SFCA0669-001 04/01/2012

	Rates	Fringes
SPRINKLER FITTER.....	\$ 34.18	18.51

SHEE0206-001 01/01/2012

	Rates	Fringes
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SHEET METAL WORKER

Camp Pendleton.....	\$ 35.05	19.23
Except Camp Pendleton.....	\$ 33.05	19.23
Sheet Metal Technician.....	\$ 25.22	6.69

SHEET METAL TECHNICIAN - SCOPE:

a. Existing residential buildings, both single and multi-family, where each unit is heated and/or cooled by a separate system b. New single family residential buildings including tracts. c. New multi-family residential buildings, not exceeding five stories of living space in height, provided each unit is heated or cooled by a separate system. Hotels and motels are excluded. d. LIGHT COMMERCIAL WORK: Any sheet metal, heating and air conditioning work performed on a project where the total construction cost, excluding land, is under \$1,000,000 e. TENANT IMPROVEMENT WORK: Any work necessary to finish interior spaces to conform to the occupants of commercial buildings, after completion of the building shell

TEAM0036-001 07/01/2011

	Rates	Fringes
Truck drivers:		
GROUP 1.....	\$ 14.90	19.50
GROUP 2.....	\$ 24.49	19.50
GROUP 3.....	\$ 24.69	19.50
GROUP 4.....	\$ 24.89	19.50
GROUP 5.....	\$ 25.09	19.50
GROUP 6.....	\$ 25.59	19.50
GROUP 7.....	\$ 27.09	19.50

FOOTNOTE: HAZMAT PAY: Work on a hazmat job, where hazmat certification is required, shall be paid, in addition to the classification working in, as follows: Levels A, B and C - +\$1.00 per hour. Workers shall be paid hazmat pay in increments of four (4) and eight (8) hours.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Fuel Man, Swamper

GROUP 2: 2-axle Dump Truck, 2-axle Flat Bed, Concrete Pumping Truck, Industrial Lift Truck, Motorized Traffic Control, Pickup Truck on Jobsite

GROUP 3: 2-axle Water Truck, 3-axle Dump Truck, 3-axle Flat Bed, Erosion Control Nozzleman, Dump Crete Truck under 6.5 yd, Forklift 15,000 lbs and over, Prell Truck, Pipeline Work Truck Driver, Road Oil Spreader, Cement Distributor or Slurry Driver, Bootman, Ross Carrier

GROUP 4: Off-road Dump Truck under 35 tons 4-axles but less than 7-axles, Low-Bed Truck & Trailer, Transit Mix Trucks under 8 yd, 3-axle Water Truck, Erosion Control Driver, Grout Mixer Truck, Dump Crete 6.5yd and over, Dumpster Trucks, DW 10, DW 20 and over, Fuel Truck and Dynamite, Truck Greaser, Truck Mounted Mobile Sweeper 2-axle Winch Truck

GROUP 5: Off-road Dump Truck 35 tons and over, 7-axles or more, Transit Mix Trucks 8 yd and over, A-Frame Truck, Swedish Cranes

GROUP 6: Off-Road Special Equipment (including but not limited to Water Pull Tankers, Athey Wagons, DJB, B70 Wuclids or like Equipment)

GROUP 7: Repairman

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)).

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 rate.

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 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.

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

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END OF GENERAL DECISION

11. FEDERAL LABOR STANDARDS PROVISIONS (Office of the Secretary of Labor 29 CFR 5).

Applicability

The Project or Program to which the construction work covered by this contract pertains is being assisted by the United States of America and the following Federal Labor Standards Provisions are included in this Contract pursuant to the provisions applicable to such Federal assistance.

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 29 CFR 5.5(a)(1)(iv); 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 29 CFR 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 29 CFR 5.5(a)(1)(ii) 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) 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 Federal Agency or its designee 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 or its designee 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, D.C. 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 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 subparagraphs (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 Federal Agency or its designee 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, the Federal Agency or its designee 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 preserved for a period of 3 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 Federal Agency or its designee 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 applicant sponsor, or owner, as the case may be, for transmission to the Federal Agency or its designee. 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 Federal Agency or its designee 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 applicant sponsor, or owner, as the case may be, for transmission to the Federal Agency, 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 subparagraph 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 to the sponsoring government agency (or the applicant, 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 29 CFR 5.5 (a)(3)(ii), the appropriate information is being maintained under 29 CFR 5.5(a)(3)(i), 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 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 subparagraph 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 subparagraph A.3.(i) of this section available for inspection, copying, or transcription by authorized representatives of the Federal Agency or its designee 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, Federal agency or its designee 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 subcontractor's 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 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 29 CFR Part 5 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 will insert in any subcontracts the clauses contained in 29 CFR 5.59(a)(1) through (10) and such other clauses as the Federal Agency may by appropriate instructions require, and a copy of the applicable prevailing wage decision, 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. (i) Certification of Eligibility. 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.

b. Contract Work Hours and Safety Standards Act. The provisions of this paragraph b are applicable where the amount of the prime contract exceeds \$100,000. 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 the individual is employed on such work to work in excess of 40 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 40 hours in such workweek.

(2) Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in subparagraph (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 subparagraph (b)(1) of this paragraph, 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 40 hours without payment of the overtime wages required by the clause set forth in sub paragraph (b)(1) of this section.

(3) Withholding for unpaid wages and liquidated damages. The Federal Agency or its designee 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 contract, 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 subparagraph (b)(2) of this section.

(4) Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in subparagraph (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 subparagraphs (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 Agency Head 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 (write the name of agency) and the Department of Labor, and the contractor or subcontractor will permit such representatives to interview employees during working hours on the job.

12. AGENCY SPECIFIC PROVISIONS.

Note: Failure to comply with these specifications e.g., taking the specified steps prior to Bid opening, and to submit the forms located in Volume 2 with the Bid will lead to the Bid being declared **non-responsive** and, therefore, shall be rejected.

12.1. All EPA Funded Contracts.

1. Federal Disadvantaged Business Enterprise (DBE) regulations apply to this project. (Reference 40 Code of Federal Regulations Part 33 - Participation by Disadvantaged Business Enterprises in U.S. Environmental Protection Agency Programs).
2. The responsive Bid shall conform to GFE to increase DBE awareness of procurement opportunities through race and gender neutral efforts. Race and gender neutral efforts are ones which increase awareness of contracting opportunities in general, including outreach, recruitment and technical assistance.
3. Bidder agrees that it will cooperate with and assist the City in fulfilling the DBE Good Faith Effort Requirement achieving "fair share objectives" and will exercise GFE to achieve such minimum participation of small, minority and women owned businesses. In particular, in submitting a bid, the Bidder shall, in the selection of Subcontractors, and Suppliers for the procurement of equipment, supplies, construction, and services related to the project, at a minimum, undertake the affirmative GFE steps.
4. In accordance with EPA's Program for Utilization of Small, Minority Disadvantaged and Women Business Enterprises in procurement under Federal assistance programs, the Contractor agrees to the applicable "fair share objectives" as specified in the "Special Notice" page.
5. The provisions in the Contract Documents have been incorporated to prevent unfair practices that adversely affect DBEs.

6. If a DBE Subcontractor fails to complete the Work under the subcontract for any reason, the Contractor shall employ the 6 GFE if soliciting a replacement Subcontractor. The Contractor shall employ the 6 GFE described below even if the Contractor has achieved its fair share objectives.
7. Good Faith Efforts:
 - a) The Contractor shall demonstrate that efforts were made to attract DBEs on this contract. The “Good Faith” effort requires the Contractor and any Subcontractors to take the steps listed in these specifications to assure that DBEs are used whenever possible as sources of supplies, construction, equipment, or services even if the Contractor has achieved its fair share objectives.
 - b) If the Contractor awards subcontracts, it shall require the Subcontractors to take the steps in these specifications.
 - c) For the EPA defined GFE, see the steps below:
 1. Ensure DBEs are made aware of contracting opportunities to the fullest extent practicable through outreach and recruitment activities. For Indian Tribal, State and Local and Government recipients, this will include placing DBEs on solicitation lists and soliciting them whenever they are potential sources.
 2. Make information on forthcoming opportunities available to DBEs and arrange time frames for contracts and establish delivery schedules, where the requirements permit, in a way that encourages and facilitates participation by DBEs in the competitive process. This includes, whenever possible, posting solicitations for bids or proposals for a minimum of 30 days before the bid or proposal closing date.
 3. Consider in the contracting process whether firms competing for large contracts could subcontract with DBEs. For Indian Tribal, State and local Government recipients, this will include dividing total requirements when economically feasible into smaller tasks or quantities to permit maximum participation by DBEs in the competitive process. Include with the GFE documentation a completed copy of the form AA61, “List of Work Made Available.”
 4. Encourage contracting with a consortium of DBEs when a contract is too large for one of these firms to handle individually.
 5. Use the services and assistance of the U.S. Small Business Administration (SBA) and the Minority Business Development Agency (MDBA) of the Department of

Commerce (DOC). See “DBE Potential Resources Centers” Section in a later part these specifications.

6. If the Contractor awards Subcontracts, the Contractor shall take the steps in paragraphs (1) through (5) above.

12.1.1. Clean Water State Revolving Fund (CWSRF) Projects.

12.1.2. For contracts subject to CWSRF, refer to Subsection 1, “All EPA Funded Contracts” above and the following:

12.1.3. The Bidder shall take affirmative steps prior to Bid opening to assure that MBE’s and WBE’s are used whenever possible as sources of supplies, construction and services.

12.1.4. The affirmative steps are defined for contracts funded by the California State Water Resources Control Board as follows:

1. Utilization of SBA and MBDA resources is required at no cost. These agencies offer several services, including Internet access to databases of DBEs. SBA’s database is <http://www.ccr.gov/>
2. For additional assistance, the Contractor can telephone the local offices of both agencies in their area (SBA Minority Enterprise Development Offices and DOC MBDA Regional Centers). The Internet web sites also include names, addresses, and phone or fax numbers of local SBA and MBDA centers. There are contact phone numbers listed in Step 3 that will assist you in reaching the 2 offices if the Internet is unavailable. Do not write to these sources.
3. The Contractor shall provide documentation that the local SBA/MBDA offices or web sites were notified of the contracting bid opportunity at least 15 Working Days prior to Bid opening and solicitation to DBE Subcontractors at least 10 Working Days prior to Bid opening. Documentation shall not only include the efforts to contact the information sources and list the Contract opportunity, but also the solicitation and response to the bid request.
4. Include qualified DBEs on solicitation lists and record the information on CWSRF Form 1. Solicitation shall be as broad as possible. The following web sites include a list of available sources for expanding the search for eligible DBEs:
 1. <http://www.sba.gov>
 2. <http://www.ccr.gov>
 3. <http://www.mbda.gov>
5. If DBE sources are not located, explain why and describe the efforts made.

6. The Contractor shall send invitations to at least 3 (or all, if less than 3) DBE vendors for each item of the Work referred by sources contacted. The invitations shall adequately specify the items for which bids are requested. The record of GFE shall indicate a real desire for a positive response, such as a certified mail receipt or a documented telephone conversation.
7. A regular letter or an unanswered telephone call is not an adequate “good faith” effort. A list of all Subcontractors, including the bidders not selected and non DBE Subcontractors, and bid amount for each item of the Work shall be submitted on CWSRF Form 5. If a low bid was not accepted, an explanation shall be provided.
8. See “DBE Potential Resources Centers” Section in a later part these specifications.

12.1.5. Semiannual DBE Utilization Reporting.

The Contractor shall report to the City on a semiannual basis, their utilization of Minority Business Enterprise and Women's Business Enterprise Subcontractors and Suppliers using EPA Form 5700-52A.

13. DBE POTENTIAL RESOURCES CENTERS.

- 13.1. Utilization of SBA and MBDA resources is required at no cost. These agencies offer several services, including Internet access to databases of DBEs.
- 13.2. For additional assistance, the recipient or contractor can telephone the local offices of both agencies in their area (SBA Minority Enterprise Development Offices and DOC MBDA Regional Centers). The Internet web sites also include names, addresses, and phone or fax numbers of local SBA and MBDA centers. Do not write to these sources
- 13.3. The Contractor shall provide documentation that the local SBA/MBDA offices or web sites were notified of the contracting bid opportunity at least 15 Working Days prior to Bid opening and solicitation to DBE subcontractors at least 10 Working Days prior to Bid opening. Documentation shall not only include the efforts to contact the information sources and list the Contract opportunity, but also the solicitation and response to the bid request.
- 13.4. Include qualified DBEs on solicitation lists and record the information on CWSRF Form 1. Solicitation shall be as broad as possible. The following web sites include a list of available sources for expanding the search for eligible DBEs:
 1. <http://www.sba.gov>
 2. <http://www.ccr.gov>
 3. <http://www.mbda.gov>

- 13.5.** If DBE sources are not located, explain why and describe the efforts made.
- 13.6.** The Contractor shall send invitations to at least 3 (or all, if less than 3) DBE vendors for each item of work referred by sources contacted. The invitations shall adequately specify the items for which bids are requested. The record of “good faith” efforts shall indicate a real desire for a positive response, such as a certified mail receipt or a documented telephone conversation.
- 13.7.** A regular letter or an unanswered telephone call is not an adequate “good faith” effort. A list of all sub-bidders, including the bidders not selected and non DBE Subcontractors, and bid amount for each item of the Work shall be submitted on CWSRF Form 5 If a low bid was not accepted, an explanation shall be provided.
- 13.8.** Federal Agencies (must be contacted and solicitations posted on their websites):

Name and Address	Telephone and Web Site
U.S. Small Business Administration	(415) 744-6820 Extension 0
455 Market Street, Suite 600	PRO-Net Database: http://www.ccr.gov/ ¹
San Francisco, CA 94105	Bid Notification: http://web.sba.gov/subnet/ ²
RE: Minority Enterprise Development Offices	
U.S. Department of Commerce	(415) 744-3001
Minority Business Development Agency	Phoenix/ Opportunity Database:
211 Main Street, Room 1280	http://www.mbd.gov/ ³
San Francisco, CA 94105	RE: Business Development Centers

- 13.9.** State Agencies (optional contacts):

Name and Address	Telephone and Web Site
California Department of Transportation	Mailing Address: PO Box 942874
(CALTRANS) Business Enterprise Program ⁴	Sacramento, CA 94274-0015
1820 Alhambra Blvd.	(916) 227-9599
Sacramento, CA 95816	www.dot.ca.gov/hq/bep
CA Public Utilities Commission (CPUC) ⁵	
505 Van Ness Avenue	http://www.cpuc.ca.gov/static/supplierdiversity
San Francisco, CA 94102-3298	

Notes:

1. PRO-Net new database is the SBA’s electronic search engine that was put on line January 1, 2004, containing business profiles for nearly 200,000 businesses. The SBA requests Internet contact only for a list of potential DBE subcontractors that can be downloaded from PRO-Net: <http://www.ccr.gov>. Downloading will verify that the prime contractor made the required contact with the SBA.

2. The Contractor shall use SUB-Net to post subcontracting opportunities. The Contractor shall post Subcontractor opportunities at least 15 Working Days prior to bid opening. Small businesses can review this web site to identify opportunities in their areas of expertise. The web site is designed primarily as a place for large businesses to post solicitations and notices. Provide copy of the Display Solicitation Record with the GFE documentation.
3. The Contractors shall use MBDA web portal to post subcontracting opportunities. The Contractor shall post subcontractor opportunities at least 15 Working Days prior to Bid opening. Small businesses can review this web site to identify opportunities in their areas of expertise. The web site is designed primarily as a place for large businesses to post solicitations and notices. Provide copy of the Offer Overview with the GFE documentation.
4. Based on the federal DBE program, CALTRANS maintains a database and provides directories of minority and woman-owned firms.
5. CPUC maintains a database of DBE-owned business enterprises and serves to inform the public.

14. GOOD FAITH EFFORT DOCUMENTATION SUBMITTALS:

14.1. The affirmative GFE steps documentation shall be submitted **within 4 Working Days of the Bid Opening**. If this documentation is not submitted when due, the City will declare the Bid **non-responsive** and reject it.

14.2. The required documentation shall be submitted and logged in at the following address:

CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTING GROUP
1200 THIRD AVENUE, SUITE 200
SAN DIEGO, CA 92101
SUBJECT: AFFIRMATIVE GOOD FAITH EFFORTS DOCUMENTATION
BID NO. **K-12-5646-DBB-3-C**

14.3. The Contractor shall maintain the records documenting compliance with requirements including documentation of its GFE and data relied upon in formulating its fair share objectives.

15. FORMS:

15.1. The Contractor shall demonstrate that efforts were made to attract DBEs on this contract. The Contractor and Subcontractors shall take the steps listed in these specifications to assure that DBEs are used whenever possible as sources of supplies, construction, equipment, or services.

15.2. See EPA forms 6100-2, 6100-3, and 6100-4 for additional required information to comply with EPA requirements. These forms are included in the Contract Documents or shall be obtained from: http://www.epa.gov/osbp/dbe_forms.htm. The following forms in Volume 2 shall be completed and submitted with the Bid. Failure to include any of the forms shall cause the Bid to be deemed **non-responsive**.

1. EPA FORM 6100-3: DBE Subcontractor Performance Form
2. EPA FORM 6100-4: DBE Subcontractor Utilization Form

15.3. The following CWSRF forms in Volume 1 shall be completed and submitted within 4 Working Days of the Bid opening. Failure to include any of the forms shall cause the Bid to be deemed **non-responsive**.

1. CWSRF Form 1: Good Faith Effort List of Subcontractors Solicited
2. CWSRF Form 2: Good Faith Effort Bids Received List
3. CWSRF Form 3: Contractor Certification
4. CWSRF Form 4: Prime Contractor/Recipient Selected DBEs
5. CWSRF Form 5: Summary of Bids Received from Subcontractors

16. ATTACHMENTS:

1. EPA FORM 6100-2: DBE Subcontractor Participation Form (Volume 1)
2. EPA FORM 6100-3: DBE Subcontractor Performance Form (Volume 2)
3. EPA FORM 6100-4: DBE Subcontractor Utilization Form (Volume 2)
4. EPA Form 5700-52A MBE/WBE Utilization Forms (Volume 1)
5. CWSRF Form 1: DBE Good Faith Effort List of Subcontractors Solicited (Volume 1)
6. CWSRF Form 2: Good Faith Effort Bids Received List (Volume 1)
7. CWSRF Form 3: DBE Contractor Certification (Volume 1)
8. CWSRF Form 4: Prime Contractor/Recipient Selected DBEs (Volume 1)
9. CWSRF Form 5: Summary of Bids Received from Subcontractors (Volume 1)
10. Form AA61 List of Work Made Available (Volume 1)



Environmental
Protection Agency

OMB Control No.: 2090-0030
Approved: 05/01/2008
Approval Expires: 01/31/2011

**Disadvantaged Business Enterprise Program
DBE Subcontractor Participation Form**

NAME OF SUBCONTRACTOR¹	PROJECT NAME
ADDRESS	BID/PROPOSAL NO.
TELEPHONE NO.	EMAIL ADDRESS
PRIME CONTRACTOR NAME	

Please use the space below to report any concerns regarding the above EPA-funded project (e.g., reason for termination by prime contractor, late payment, etc.).

CONTRACT ITEM NO.	ITEM OF WORK OR DESCRIPTION OF SERVICES RECEIVED FROM THE PRIME CONTRACTOR	AMOUNT SUBCONTRACTOR WAS PAID BY PRIME CONTRACTOR
------------------------------	---	--

Subcontractor Signature

Title/Date

¹Subcontractor is defined as companies, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance

**U.S. ENVIRONMENTAL PROTECTION AGENCY
 MBE/WBE UTILIZATION UNDER FEDERAL GRANTS
 AND COOPERATIVE AGREEMENTS**

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

1A. FEDERAL FISCAL YEAR (Oct. 1-Sep 30), _____		1B. REPORTING PERIOD (Check ALL appropriate boxes) <input type="checkbox"/> 1 st (Oct-Dec) <input type="checkbox"/> 2 nd (Jan-Mar) <input type="checkbox"/> 3 rd (Apr-Jun) <input type="checkbox"/> 4 th (Jul-Sep) <input type="checkbox"/> Semi-Annual (Oct-Mar) <input type="checkbox"/> Semi-Annual (Apr-Sep) <input type="checkbox"/> Annual <input type="checkbox"/> Check if this is the last report for the project (Project completed).			
1C. REVISION OF A PRIOR REPORT? <input type="checkbox"/> Yes <input type="checkbox"/> No Year: _____ Quarter: _____		BRIEFLY DESCRIBE THE REVISIONS YOU ARE MAKING:			
2A. EPA FINANCIAL ASSISTANCE OFFICE ADDRESS (ATTN: DBE Coordinator):		3A. RECIPIENT NAME AND ADDRESS			
2B. EPA DBE COORDINATOR Name: E-mail:	2C. PHONE: Fax:	3B. RECIPIENT REPORTING CONTACT: Name: E-mail:	3C. PHONE: Fax:		
4A. FINANCIAL ASSISTANCE AGREEMENT ID NUMBER (SRF State Recipients, refer to Instructions for Completion of blocks 4A, 5A and 5C.)		4B. FEDERAL FINANCIAL ASSISTANCE PROGRAM TITLE or CFDA NUMBER:			
5A. TOTAL ASSISTANCE AGREEMENT AMOUNT (SRF State Recipients, refer to Instructions for Completion of blocks 4A, 5A and 5C.) EPA Share: \$ _____ Recipient Share: \$ _____		5B. If NO procurement and NO accomplishments were made this reporting period (by the recipients, sub-recipients, loan recipients, and prime contractors), 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. <u>Accomplishments</u> , in this context, are procurements made with MBEs and/or WBEs. <input type="checkbox"/>			
5C. Total Procurements This Reporting Period (Only include amount not reported in any prior reporting period) Total Procurement Amount \$ _____ (Include total dollar values awarded by recipient, sub-recipients and SRF loan recipients, including MBE/WBE expenditures .)					
5D. Were sub-awards issued under this assistance agreement? Yes <input type="checkbox"/> No <input type="checkbox"/> Were contracts issued under this assistance agreement ? Yes <input type="checkbox"/> No <input type="checkbox"/>					
5E. MBE/WBE Accomplishments This Reporting Period Actual MBE/WBE Procurement Accomplished: (Include total dollar values awarded by recipient, sub-recipients, SRF loan recipients and Prime Contractors.)					
	<u>Construction</u>	<u>Equipment</u>	<u>Services</u>	<u>Supplies</u>	<u>Total</u>
\$MBE:	_____	_____	_____	_____	_____
\$WBE:	_____	_____	_____	_____	_____
6. COMMENTS: (If no MBE/WBE procurements were accomplished during the reporting period, please explain what steps you are taking to achieve the MBE/WBE Program requirements specified in the terms and conditions of the Assistance Agreement.)					
7. NAME OF RECIPIENT'S AUTHORIZED REPRESENTATIVE				TITLE	
8. SIGNATURE OF RECIPIENT'S AUTHORIZED REPRESENTATIVE				DATE	

EPA FORM 5700-52A available electronically at http://www.epa.gov/osbp/pdfs/5700_52a.pdf

PART II.

MBE/WBE PROCUREMENTS MADE DURING REPORTING PERIOD
EPA Financial Assistance Agreement Number: _____

1. Procurement Made By			2. Business Enterprise		3. \$ Value of Procurement	4. Date of Procurement MM/DD/YY	5. Type of Product or ServicesA (Enter Code)	6. Name/Address/Phone Number of MBE/WBE Contractor or Vendor
Recipient	Sub-Recipient and/or SRF Loan Recipient	Prime	Minority	Women				

Type of product or service codes:

- 1 = Construction 2 = Supplies 3 = Services 4 = Equipment

Note: Refer to Terms and conditions of your Assistance Agreement to determine the frequency of reporting. Recipients are required to submit MBE/WBE reports to EPA beginning with the Federal fiscal year quarter the recipients receive the award, continuing until the project is completed.

EPA FORM 5700-52A - (Approval Expires 12/22/13)

Instructions:

A. General Instructions:

MBE/WBE utilization is based on 40 CFR Part 33. EPA Form 5700-52A must be completed by recipients of Federal grants, cooperative agreements, or other Federal financial assistance which involve procurement of supplies, equipment, construction or services to accomplish Federal assistance programs.

Recipients are required to report 30 days after the end of each federal fiscal quarter, semiannually, or annually, per the terms and conditions of the financial assistance agreement.

	Quarterly Reporting Due Date	Semiannual Reporting Due Date	Annual Reporting Due Date
Agreements awarded prior to May 27, 2008	January 30, April 30, July 30, October 30	N/A	October 30
Agreements awarded on or after May 27, 2008	N/A	April 30, October 30	October 30

MBE/WBE program requirements, including reporting, are material terms and conditions of the financial assistance agreement.

B. Definitions:

Procurement is the acquisition through contract, order, purchase, lease or barter of supplies, equipment, construction or services needed to accomplish Federal assistance programs.

A **contract** is a written agreement between an EPA recipient and another party (also considered “prime contracts”) and any lower tier agreement (also considered “subcontracts”) for equipment, services, supplies, or construction necessary to complete the project. This definition excludes written agreements with another public agency. This definition includes personal and professional services, agreements with consultants, and purchase orders.

A **minority business enterprise (MBE)** is a business concern that is (1) at least 51 percent owned by one or more minority individuals, or, in the case of a publicly owned business, at least 51 percent of the stock is owned by one or more minority individuals; and (2) whose daily business operations are managed and directed by one or more of the minority owners. In order to qualify and participate as an MBE prime or subcontractor for EPA recipients under EPA’s DBE Program, an entity must be properly certified as required by 40 CFR Part 33, Subpart B.

U.S. citizenship is required. Recipients shall presume that minority individuals include Black Americans, Hispanic Americans, Native Americans, Asian Pacific Americans, or other groups whose members are found to be disadvantaged by the Small Business Act or by the Secretary of Commerce under section 5 of Executive order 11625. The reporting contact at EPA can provide additional information.

A **woman business enterprise (WBE)** is a business concern that is, (1) at least 51 percent owned by one or more women, or, in the case of a publicly owned business, at least 51 percent of the stock is owned by one or more women and (2) whose daily business operations are managed and directed by one or more of the women owners. In order to qualify and participate as a WBE prime or subcontractor for EPA recipients under EPA’s DBE Program, an entity must be properly certified as required by 40 CFR Part 33, Subpart B.

Business firms which are 51 percent owned by minorities or women, but are in fact managed and operated by non-minority individuals do not qualify for meeting MBE/WBE procurement goals. U.S. Citizenship is required.

Good Faith Efforts

A recipient is required to make the following good faith efforts whenever procuring construction, equipment, services, and supplies under an EPA financial assistance agreement. These good faith efforts for utilizing MBEs and WBEs must be documented. Such documentation is subject to EPA review upon request:

1. Include of MBEs/WBEs on solicitation lists.
2. Assure that MBEs/WBEs are solicited once they are identified.

3. Divide total requirements into smaller tasks to permit maximum MBE/WBE participation, where feasible.
4. Establish delivery schedules which will encourage MBE/WBE participation, where feasible.
5. Encourage use of the services of the U.S. Department of Commerce's Minority Business Development Agency (MBDA) and the U.S. Small Business Administration to identify MBEs/WBEs.
6. Require that each party to a subgrant, subagreement, or contract award take the good faith efforts outlined here.

C. Instructions for Part I:

- 1a. Specify Federal fiscal year this report covers. The Federal fiscal year runs from October 1st through September 30th (**e.g. November 29, 2010 falls within Federal fiscal year 2011**)
- 1b. Check applicable reporting box, quarterly, semiannually, or annually. Also indicate if this is the last report for the project.
- 1c. Indicate if this is a revision to a previous year, half-year, or quarter, and provide a brief description of the revision you are making.
- 2a-c. Please refer to your financial assistance agreement for the mailing address of the EPA financial assistance office for your agreement.

The "EPA DBE Reporting Contact" is the DBE Coordinator for the EPA Region from which your financial assistance agreement was originated. For a list of DBE Coordinators please refer to the EPA OSBP website at www.epa.gov/osbp. Click on "Regional Contacts" for the name of your coordinator.
- 3a-c. Identify the agency, state authority, university or other organization which is the recipient of the Federal financial assistance

and the person to contact concerning this report.

- 4a. Provide the Assistance Agreement number assigned by EPA. A separate report must be submitted for each Assistance Agreement.

***For SRF recipients:** In box 4a list numbers for ALL OPEN Assistance Agreements being reported on this form. Please note that although the New DBE Rule (which took effect May 27, 2008) revised the reporting frequency requirements from quarterly to semiannually, that change only applies to agreements awarded AFTER the New DBE Rule took effect. Therefore, SRF recipients may either continue to report activity for all Agreements on one form on a quarterly basis until the last award that was made prior to the New DBE Rule has been closed out; OR, the recipient may split the submission of SRF reports into quarterly reports for Agreements awarded prior the New DBE Rule, and semiannually for the awards made after the New DBE Rule.

- 4b. Refer back to Assistance Agreement document for this information.

- 5a. Provide the total amount of the Assistance Agreement which includes Federal funds plus recipient matching funds and funds from other sources.

***For SRF recipients only:** SRF recipients will not enter an amount in 5a. Please leave 5a blank.

- 5b. Self-explanatory.

- 5c. Provide the total dollar amount of ALL procurements awarded this reporting period by the recipient, sub-recipients, and SRF loan recipients, **including** MBE/WBE expenditures. For example: Actual dollars for procurement from the procuring office; actual contracts let from the contracts office; actual goods, services, supplies, etc., from other sources including the central purchasing/ procurement centers).

***NOTE:** To prevent double counting on line 5C, if any amount on 5E is for a subcontract and the prime contract has already been included on Line 5C in a prior reporting period, then report the amount going to MBE or WBE subcontractor on line 5E, but exclude the amount from Line 5C. To include the amount on 5C again would result in double counting because the prime contract, which includes the subcontract, would have already been reported.

5d. State whether or not sub-awards and/or subcontracts have been issued under the assistance agreement by indicating “yes” or “no”.

5e. Where requested, also provide the total dollar amount of all MBE/WBE procurement awarded during this reporting period by the recipient, sub-recipients, SRF loan recipients, and prime contractors in the categories of construction, equipment, services and supplies. These amounts include Federal funds plus recipient matching funds and funds from other sources.

***For SRF recipients only:** In 5c please enter the total procurement amount for the quarter, or semiannual period, under all of your SRF Assistance Agreements. The figure reported in this section is **not** directly tied to an individual Assistance Agreement identification number. **(SRF state recipients report state procurements in this section)**

6. If there were no MBE/WBE accomplishments this reporting period, please briefly explain what specific steps you are taking to achieve the MBE/WBE requirements specified in the terms and conditions of the Assistance Agreement.

7. Name and title of official administrator or designated reporting official.

8. Signature, month, day, and year report submitted.

D. Instructions for Part II:

For each MBE/WBE procurement made under this assistance agreement during the reporting period, provide the following information:

1. Check whether this procurement was made by the recipient, sub-recipient/SRF loan recipient, or the prime contractor.
2. Check either the MBE or WBE column. If a firm is both an MBE and WBE, the recipient may choose to count the entire procurement towards EITHER its MBE or WBE accomplishments. The recipient may also divide the total amount of the procurement (using any ratio it so chooses) and count those divided amounts toward its MBE and WBE accomplishments. If the recipient chooses to divide the procurement amount and count portions toward its MBE and WBE accomplishments, please state the appropriate amounts under the MBE and WBE columns on the form. **The combined MBE and WBE amounts for that MBE/WBE contractor must not exceed the “Value of the Procurement” reported in column #3**
3. Dollar value of procurement.
4. Date of procurement, shown as month, day, year. Date of procurement is defined as the date the contract or procurement was awarded, **not** the date the contractor received payment under the awarded contract or procurement, unless payment occurred on the date of award. **(Where direct purchasing is the procurement method, the date of procurement is the date the purchase was made)**
5. Using codes at the bottom of the form, identify type of product or service acquired through this procurement (e.g., enter 1 if construction, 2 if supplies, etc).
6. Name, address, and telephone number of MBE/WBE firm.

****This data is requested to comply with provisions mandated by: statute or regulations (40 CFR Part 30,**

31, and 33); OMB Circulars; or added by EPA to ensure sound and effective assistance management. Accurate, complete data are required to obtain funding, while no pledge of confidentiality is provided.

The public reporting and recording burden for this collection of information is estimated to average 1 hour per response annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclosure or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, OPPE Regulatory Information Division, U.S. Environmental Protection Agency (2136), 1200 Pennsylvania Avenue, NW, Washington, D.C. 20460. Include the OMB Control number in any correspondence. Do not send the completed form to this address.

Clean Water State Revolving Fund Loan Program DBE Instructions

FORM 3

DISADVANTAGE BUSINESS ENTERPRISE (DBE)

CONTRACTOR CERTIFICATION

Firm Name: _____	Phone: _____
------------------	--------------

Address: _____

Principal Service or Product: _____ Bid Amount \$ _____

PLEASE INDICATE PERCENTAGE OF OWNERSHIP

DBE _____% Ownership

--

Prime Contractor

Supplier of Material/Service

Subcontractor

Broker

--

Sole Ownership

Corporation

Partnership

Joint Venture

--

Certified by: _____ Title: _____
DBE Sub (ORIGINAL SIGNATURE AND DATE REQUIRED)

Name: _____ Date: _____

IMPORTANT: CONTRACTORS CAN NO LONGER SELF-CERTIFY. THEY MUST BE CERTIFIED BY EPA, SMALL BUSINESS ADMINISTRATION (SBA), DEPARTMENT OF TRANSPORTATION (DOT) OR BY STATE, LOCAL, TRIBAL OR PRIVATE ENTITIES WHOSE CERTIFICATION CRITERIA MATCH EPA'S. PROOF OF CERTIFICATION MUST BE PROVIDED. A COPY OF THE CONTRACTOR CERTIFICATION MUST BE SUBMITTED WITH THIS FORM.

THIS FORM MUST BE SUBMITTED WITHIN 4 WORKING DAYS AFTER THE BID OPENING DATE.

January 2009

**Clean Water State Revolving Fund Loan Program DBE Instructions
FORM 4 (Attachment B)**

PRIME CONTRACTOR/RECIPIENT

SELECTED DISADVANTAGE BUSINESS ENTERPRISE (DBE)

CONTRACT RECIPIENTS NAME:		CONTRACT NO. OR SPECIFICATION NO.:	
PROJECT DESCRIPTION:		PROJECT LOCATION:	
PRIME CONTRACTOR INFORMATION			
NAME AND ADDRESS (Include Zip Code, Federal Employer Tax ID #):		AMOUNT OF CONTRACT \$	
PHONE:			
DBE INFORMATION			
<input type="checkbox"/> NONE*		NAME AND ADDRESS (INCLUDE ZIP CODE)	
<input type="checkbox"/> DBE			
<input type="checkbox"/> SUBCONTRACTOR <input type="checkbox"/> JOINT VENTURE	<input type="checkbox"/> SUPPLIER/SERVICE <input type="checkbox"/> BROKER		
AMOUNT OF CONTRACT \$			
WORK TO BE PERFORMED		PHONE:	
<input type="checkbox"/> DBE		NAME AND ADDRESS (INCLUDE ZIP CODE)	
<input type="checkbox"/> SUBCONTRACTOR <input type="checkbox"/> JOINT VENTURE			
<input type="checkbox"/> SUPPLIER/SERVICE <input type="checkbox"/> BROKER			
AMOUNT OF CONTRACT \$			
WORK TO BE PERFORMED		PHONE:	
<input type="checkbox"/> DBE		NAME AND ADDRESS (INCLUDE ZIP CODE)	
<input type="checkbox"/> SUBCONTRACTOR <input type="checkbox"/> JOINT VENTURE			
<input type="checkbox"/> SUPPLIER/SERVICE <input type="checkbox"/> BROKER			
AMOUNT OF CONTRACT \$			
WORK TO BE PERFORMED		PHONE:	
<input type="checkbox"/> DBE		NAME AND ADDRESS (INCLUDE ZIP CODE)	
<input type="checkbox"/> SUBCONTRACTOR <input type="checkbox"/> JOINT VENTURE			
<input type="checkbox"/> SUPPLIER/SERVICE <input type="checkbox"/> BROKER			
AMOUNT OF CONTRACT \$			
WORK TO BE PERFORMED		PHONE:	
TOTAL DBE AMOUNT: \$ _____			
SIGNATURE OF PERSON COMPLETING FORM: _____			
TITLE: _____ PHONE: _____ DATE: _____			

***Negative reports are required. ORIGINAL SIGNATURE AND DATE REQUIRED. Failure to complete and submit this form within 4 Working Days of bid opening will cause bid to be rejected as non-responsive.**

January 2009

Clean Water State Revolving Fund Loan Program DBE Instructions

FORM 5

**SUMMARY OF BIDS RECEIVED FROM SUBCONTRACTOR,
SUPPLIERS, AND BROKERS (DBE & NON-DBE)**

THIS SUMMARY IS PREPARED BY THE PRIME CONTRACTOR

Type of Job	Company Name	Selected	Bid Amount	DBE	NON-DBE	Explanation for Not Selecting
List type of jobs alphabetically, from low to high in each category and selected low bidder.						

January 2009

LIST OF WORK MADE AVAILABLE

List items of the Work the Bidder made available to DBE firms. Identify those items of the Work the Bidder might otherwise perform with its own forces and those items that have been broken down into economically feasible units to facilitate DBE participation. For each item listed, show the dollar amount and percentage of the Base Bid. The Bidder must demonstrate that enough work to meet the goal was made available to DBE firms.

ITEM OF WORK MADE AVAILABLE	NAICS CODE	BIDDER NORMALLY PERFORMS ITEM (Y/N)	ITEM BROKEN DOWN TO FACILITATE PARTICIPATION (Y/N)	AMOUNT	PERCENTAGE OF BASE BID

CONTRACT FORMS AGREEMENT

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and Southwest Pipeline and Trenchless Corp., herein called "Contractor" for construction of Pipeline Rehabilitation R-1; Bid No. K-12-5646-DBB-3-C; in the amount of Three Million Nine Hundred Fifty-Three Thousand Two Hundred Ten Dollars and 54/100 (\$3,953,210.054), which is comprised of the Base Bid.

IN CONSIDERATION of the payments to be made hereunder and the mutual undertakings of the parties hereto, City and Contractor agree as follows:

1. The following are incorporated into this contract as though fully set forth herein:
 - (a) The attached Faithful Performance and Payment Bonds.
 - (b) The attached Proposal included in the Bid documents by the Contractor.
 - (c) That certain documents entitled Pipeline Rehabilitation R-1, on file in the office of the City Clerk as Document No. B-11062, as well as all matters referenced therein.
2. Contractor shall perform and be bound by all the terms and conditions of this contract and in strict conformity therewith shall perform and complete in a good and workmanlike manner Pipeline Rehabilitation R-1, Bid No. K-12-5646-DBB-3-C, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

**CONTRACT FORMS (continued)
AGREEMENT**

IN WITNESS WHEREOF, this agreement is signed by the City of San Diego, acting by and through its Mayor or designee.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM AND LEGALITY

Jan I. Goldsmith, City Attorney

By Tony Heinrichs

By Pedro De Lara, Jr.

Print Name: _____
Tony Heinrichs, Director of Public Works

Print Name: Pedro De Lara, Jr.
Deputy City Attorney

Date: 8/30/12

Date: 9/4/12

CONTRACTOR

By Justin P. Duchaineau

Print Name: _____

Title: _____
**JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.**

Date: _____

City of San Diego License No.: B2003006118

State Contractor's License No.: A-773862

CONTRACT FORMS (continued)
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

Southwest Pipeline and Trenchless Corp., a corporation, as principal, and Liberty Mutual Insurance Company, a corporation authorized to do business in the State of California, as Surety, hereby obligate themselves, their successors and assigns, jointly and severally, to The City of San Diego a municipal corporation in the sum of **Three Million Nine Hundred Fifty-Three Thousand Two Hundred Ten Dollars and 54/100 (\$3,953,210.054)**, for the faithful performance of the annexed contract, and in the sum of **Three Million Nine Hundred Fifty-Three Thousand Two Hundred Ten Dollars and 54/100 (\$3,953,210.054)**, for the benefit of laborers and materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract **Pipeline Rehabilitation R-1, Bid No. K-12-5646-DBB-3-C**, San Diego, California then the obligation herein with respect to a faithful performance shall be void; otherwise it shall remain in full force.

If the Principal shall promptly pay all persons, firms and corporations furnishing materials for or performing labor in the execution of this contract, and shall pay all amounts due under the California Unemployment Insurance Act then the obligation herein with respect to laborers and materialmen shall be void; otherwise it shall remain in full force.

The obligation herein with respect to laborers and materialmen shall inure to the benefit of all persons, firms and corporations entitled to file claims under the provisions of Chapter 3 of Division 5 of Title I of the Government Code of the State of California or under the provisions of Section 3082 et seq. of the Civil Code of the State of California.

Changes in the terms of the annexed contract or specifications accompanying same or referred to therein shall not affect the Surety's obligation on this bond, and the Surety hereby waives notice of same.

CONTRACT FORMS (continued)
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

The Surety shall pay reasonable attorney's fees should suit be brought to enforce the provisions of this bond.

Dated August 6 2012

Approved as to Form and Legality

Southwest Pipeline and Trenchless Corp.

Principal

By 

Printed Name of Person Signing for Principal
JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.

Jan I. Goldsmith, City Attorney

By 

Deputy City Attorney

Liberty Mutual Insurance Company

Surety

By 

Noemi Quiroz, Attorney-in-fact

Approved:

330 N. Brand Blvd., Ste 500

Local Address of Surety

Glendale, CA 91203

Local Address (City, State) of Surety

By _____

Tony Heinrichs, Director of Public Works

(818) 956-4250

Local Telephone No. of Surety

Premium \$ 30,124.00

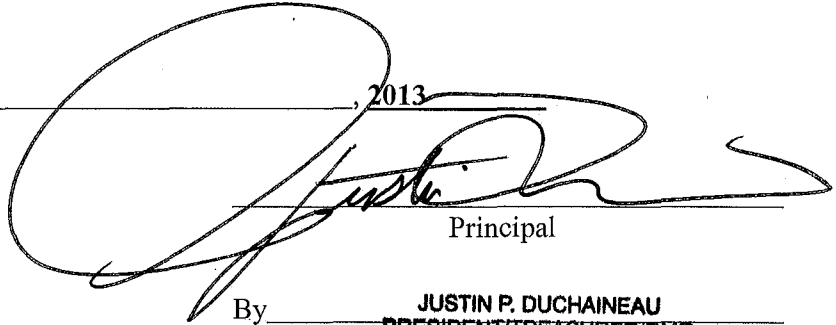
Bond No. 024041223

CONTRACT FORMS (continued)
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

The Surety shall pay reasonable attorney's fees should suit be brought to enforce the provisions of this bond.

Dated _____, 2013

Approved as to Form and Legality



Principal

By **JUSTIN P. DUCHAINEAU**
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.

Printed Name of Person Signing for Principal

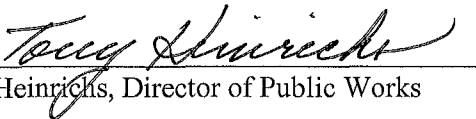
Jan I. Goldsmith, City Attorney

By 
Deputy City Attorney

Surety

By _____
Attorney-in-fact

Approved:

By 
Tony Heinrichs, Director of Public Works

Local Address of Surety

Local Address (City, State) of Surety

Local Telephone No. of Surety

Premium \$ _____

Bond No. _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

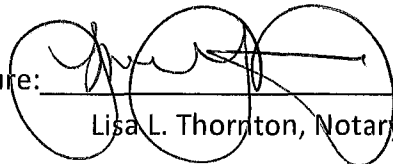
State of California)
) ss
County of Los Angeles)

On AUG - 6 2012, before me, Lisa L. Thornton, Notary Public, personally appeared Noemi Quiroz, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)

Signature: 
Lisa L. Thornton, Notary Public



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees. To confirm the validity of this Power of Attorney call 610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

American Fire and Casualty Company
The Ohio Casualty Insurance Company
West American Insurance Company

Liberty Mutual Insurance Company
Peerless Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of Ohio, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, that Peerless Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Noemi Quiroz of the city of Los Angeles, state of CA its true and lawful attorney-in-fact, with full power and authority hereby conferred to sign, execute and acknowledge the following surety bond:

Principal Name: Southwest Pipeline and Trenchless Corp.

Obligee Name: City of San Diego

Surety Bond Number: 024041223

Bond Amount: See Bond Form

"Please note that if "see bond form" is stated for the bond amount, then this Power of Attorney can only support a Bid Bond or other similar preliminary bond."

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 6th day of August, 2012.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
Peerless Insurance Company
West American Insurance Company

By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

STATE OF WASHINGTON ss
COUNTY OF KING

On this 6th day of August, 2012, before me personally appeared Gregory W. Davenport, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Company, Peerless Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Seattle, Washington, on the day and year first above written.



By: KD Riley
KD Riley, Notary Public, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, Peerless Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes Gregory W. Davenport, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, David M. Carey, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, Peerless Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 6th day of August, 2012.



By: David M. Carey
David M. Carey, Assistant Secretary

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

PROJECT TITLE: Pipeline Rehabilitation R-1

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-17 regarding Drug-Free Workplace as outlined in INSTRUCTION TO BIDDERS, "Drug-Free Workplace", of the project specifications, and that;

SOUTHWEST PIPELINE AND

TRENCHLESS CORP.

(Name under which business is conducted)

has in place a drug-free workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of subdivisions a) through c) of the policy as outlined.

Signed 

Printed Name _____

**JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.**

Title _____

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

PROJECT TITLE: Pipeline Rehabilitation R-1

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the American With Disabilities Act (ADA) outlined in the INSTRUCTION TO BIDDERS, "American With Disabilities Act", of the project specifications, and that;

(Name under which business is conducted)

has in place workplace program that complies with said policy. I further certify that each subcontract agreement for this project contains language which indicates the subcontractor's agreement to abide by the provisions of the policy as outlined.

Signed 

Printed Name

**JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.**

Title

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

PROJECT TITLE: Pipeline Rehabilitation R-1

I declare under penalty of perjury that I am authorized to make this certification on behalf of _____, as Contractor, that I am familiar with the requirements of City of San Diego Municipal Code § 22.3224 regarding Contractor Standards as outlined in INSTRUCTION TO BIDDERS ("Contractor Standards"), of the project specifications, and that Contractor has complied with those requirements.

I further certify that each of the Contractor's subcontractors whose subcontracts are greater than \$50,000 in value has completed a Pledge of Compliance attesting under penalty of perjury of having complied with City of San Diego Municipal Code § 22.3224.

Dated this _____ Day of _____.

Signed 

Printed Name _____

Title _____

AFFIDAVIT OF DISPOSAL

WHEREAS, on the _____ DAY OF _____, _____, the undersigned entered into and executed a contract with the City of San Diego, a municipal corporation, for:

Pipeline Rehabilitation R-1

(Name of Project)

as particularly described in said contract and identified as Bid No. **K-12-5646-DBB-3-C**; SAP No. (WBS/IO/CC) **B-11062**; and **WHEREAS**, the specification of said contract requires the Contractor to affirm that "all brush, trash, debris, and surplus materials resulting from this project have been disposed of in a legal manner"; and **WHEREAS**, said contract has been completed and all surplus materials disposed of:

NOW, THEREFORE, in consideration of the final payment by the City of San Diego to said Contractor under the terms of said contract, the undersigned Contractor, does hereby affirm that all surplus materials as described in said contract have been disposed of at the following location(s)

and that they have been disposed of according to all applicable laws and regulations.

Dated this _____ DAY OF _____, _____.

Contractor
by

ATTEST:

State of _____
County of _____

On this _____ DAY OF _____, 2____, before the undersigned, a Notary Public in and for said County and State, duly commissioned and sworn, personally appeared _____ known to me to be the _____ Contractor named in the foregoing Release, and whose name is subscribed thereto, and acknowledged to me that said Contractor executed the said Release.

Notary Public in and for said County and State

PHASED FUNDING SCHEDULE AGREEMENT

Check one:

- First Phased Funding Schedule Agreement
- Final Phased Funding Schedule Agreement

NOTE: THIS IS A SAMPLE PHASE FUNDING SCHEDULE AGREEMENT FORM. Particulars left blank in this sample, the total number of phases, and the amounts assigned to each phase will be filled with funding specific information as the result of the Pre-Award Schedule, and subsequent Schedules, required by these Bid Documents and approved by the City.

BID NUMBER: K-12-5646-DBB-3-C

CONTRACT OR TASK TITLE: Pipeline Rehabilitation R-1

CONTRACTOR: _____

Funding Phase	Phase Description	Phase Start	Phase Finish	Not-to-Exceed Amount
1				\$
	<u>Additional phases to be added</u>			
	<u>to this form as necessary.</u>			
Total				\$

Notes:

- (1) City Supplement 9-3.6, "PHASE FUNDING COMPENSATION" applies.
- (2) The total of all funding phases shall be equal to the TOTAL BID PRICE as shown on BID SCHEDULE 1 - PRICES.
- (3) This PHASE FUNDING SCHEDULE AGREEMENT will be incorporated into the CONTRACT and shall only be revised by a written modification to the CONTRACT.

CITY OF SAN DIEGO

CONTRACTOR

By: _____

By: _____

Name: Chris Gascon
Project Manager

Name: _____

Department Name: Public Works – E&CP

Title: _____

Date: _____

Date: _____

-END OF PHASE FUNDING SCHEDULE-

SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

THESE SUPPLEMENTARY SPECIAL PROVISIONS CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE GREENBOOK) CURRENTLY ADOPTED BY THE CITY, INCLUDING ITS CURRENT SUPPLEMENT AMENDMENTS (CITY SUPPLEMENTS INCLUDED IN THE WHITEBOOK), EXCEPT FOR THE FOLLOWING:

STYLE OF SPECIFICATIONS

The City is gradually standardizing the style and language of the standard specifications for the public works construction. The new style and language follows the Federal guidelines for “Plain Language” to the extent possible.

The use of this new style does not change the meaning of a specification not yet using this style. Where used in the Contract Documents, statement or command type phrases (i.e., active voice and imperative mood) refer to and are directed at the Bidder or Contractor as applicable. The specifications are written to the Bidder before award and the Contractor after. Before award, interpret sentences written in the imperative mood as starting with "The Bidder must" and interpret "you" as "the Bidder" and "your" as "the Bidder's." After award, interpret sentences written in the imperative mood as starting with "The Contractor must" and interpret "you" as "the Contractor" and "your" as "the Contractor's." Similarly, interpret "we" and “us” as "the City" and "our" as "the City's.”

PART 1 – GENERAL PROVISIONS

SECTION 1 – TERMS, DEFINITIONS, ABBREVIATIONS, UNITS OF MEASURE, AND SYMBOLS

1-2 TERMS AND DEFINITIONS.

Agency – ADD the following:

Regulatory activities handled by the City of San Diego Developmental Services, Fire and Planning Departments, or any other City Department are not subject to the responsibilities of the City under this contract.

Contract Documents – To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

The Agreement, Addendum, Invitation to Bid, Instructions to Bidders, special notice page, funding agency provisions, Bid and documentation accompanying the Bid and any post-bid documentation submitted prior to the Notice of Award when attached as an exhibit to the Contract, Bonds, permits from jurisdictional regulatory agencies, Supplementary Special Provisions (SSP), City’s EOC Requirements, City Supplement, Plans, Standard Plans, Construction Documents, Reference Specifications listed in the Invitation to Bid or the RFP for Design-Build contracts, Request for Qualifications (RFQ), Statement of Qualifications (SOQ), Request for Proposals (RFP), modifications issued after the execution of the Contract e.g., Change Orders, Construction Manager At Risk’s Guaranteed Maximum Price including written qualifications, assumptions and conditions thereto and Pre-construction Services Agreement.

ADD: Limited Notice To Proceed – A written notice given from the City to the Contractor that authorizes the Contractor to start a limited amount of work that is not Construction Work, such as finalizing subcontract agreements, ordering materials, mobilization, furnishing a field office, and any other preliminary work done prior to performing Construction Work.

Notice of Completion (NOC) – ADD the following:

See California Civil Code section 3093.

Samples - Physical examples which illustrate materials, equipment or workmanship and establish standards by which the Work will be evaluated.

Normal Working Hours. To the City Supplement, ADD the following:

The Normal Working Hours shall be **8:30 AM to 3:30 PM**.

Certificate of Compliance – To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

Certificate of Compliance – A written document signed and submitted by a supplier or manufacturer that certifies that the material or assembled material supplied to the Work site complies with the requirements of the Contract Documents.

SECTION 2 - SCOPE AND CONTROL OF WORK

2-1.2.2 Joint Venture Contractors. To the City Supplement, last paragraph, DELETE in its entirety and SUBSTITUTE with the following:

The Joint Venture shall designate an on-site representative and an alternate in writing. The on-site representative and the alternate shall have the full authority to bind all Joint Venture partners.

The Joint Venture shall provide a copy of the Joint Venture agreement and the Joint Venture license to the City within 10 Working Days after receipt by the Bidder of Contract forms.

2-3.1.2 Subcontractor List. ADD the following:

For Extra Work, the Contractor shall submit Form CC10, “CONTRACT CHANGE ORDER (CCO)” with each CCO proposal. Form CC10 is available for download from the EOCP site at: <http://www.sandiego.gov/eoc/pdf/cc10.pdf>

2-3.2 Self Performance. DELETE in its entirety and SUBSTITUTE with the following:

The Contractor shall perform, with its own organization, Contract work amounting to at least **25 percent** of the base bid alone or base bid and any additive or deductive alternate(s) that together when added or deducted form the basis of determining the Apparent Low Bidder as specified. The self performance percentage requirement will be waived for contracts when a “B” License is required or allowed.

2-3.3 Status of Subcontractors. ADD the following:

With every request for payment, the Contractor shall submit to the Engineer a breakdown showing monthly and cumulative amounts of the Work performed under Change Order by the Contractor and the Subcontractors. The reporting format shall be approved by the Engineer.

2-3.4 Subcontract Requirements. To the City Supplement, ADD the following paragraph:

The Contractor shall ensure that all of its Subcontractors are licensed at the time of the execution of their subcontract agreements. In the event a Subcontractor is not properly licensed, the Contractor shall cease payment to Subcontractor for all work performed when the Subcontractor was improperly licensed. Any payment made by the Contractor to a Subcontractor for work performed when the Subcontractor was unlicensed shall be returned to the City.

Where the Contract Documents require that a particular product be installed or applied by an applicator approved by the manufacturer, it is the Contractor's responsibility to ensure the Subcontractor or Supplier employed for such work is approved by the manufacturer.

2-5.2 Precedence of Contract Documents. To the Cit Supplement, DELETE in its entirety and SUBSTITUTE with the following:

2-5.2 Precedence of Contract Documents.. If there is a conflict between any of the Contract Documents, the document highest in the order of precedence shall control. The order of precedence, from highest to lowest, shall be as follows:

- 1) Permits (i.e., issued by jurisdictional regulatory agencies)
- 2) Change Orders and Supplemental Agreements; whichever occurs last
- 3) Contract and Agreement
- 4) Addenda
- 5) Bid (e.g., price Proposal for Design-Build contracts)
- 6) Request for Proposal (RFP)
- 7) Invitation to Bid
- 8) Instruction to Bidders
- 9) Request for Qualifications (RFQ)
- 10) Special Provisions (i.e., City's EOCP Requirements, City Supplement, and Supplementary Special Provisions (SSP))
- 11) Plans
- 12) Construction Documents (for Design-Build contracts)
- 13) Standard Drawings
- 14) Reference Specifications (e.g., GREENBOOK)
- 15) Technical Proposal (for Design-Build contracts)
- 16) Statement of Qualifications (SOQ)

When additional requirements by the funding sources are physically or by reference incorporated in the Contract Documents, the funding source's requirements shall govern **unless specified otherwise**.

Figured dimensions shall take precedence over scaled dimensions. Detailed drawings shall take precedence over general drawings.

2-5.3.1 General. DELETE in its entirety and SUBSTITUTE with the following:

When required by the Contract Documents or when requested by the Engineer, the Contractor shall provide the submittals as specified in 2-5.3.2, 2-5.3.3, and 2-5.3.4 to the Engineer. Materials shall neither be furnished nor fabricated, nor shall any work for which submittals are required be performed before the required submittals have been reviewed and accepted by the Engineer. The payment for the submittals shall be included in the various Bid items. Neither review nor acceptance of submittals by the Engineer shall relieve the Contractor from responsibility for errors, omissions, or deviations from the Contract Documents, unless such deviations were specifically called to the attention of the Engineer in the letter of transmittal. The Contractor shall be responsible for the correctness of the submittals.

The Contractor shall allow a minimum of 20 working days for review of submittals unless otherwise specified in the Special Provisions. Each submittal shall be accompanied by a letter of transmittal.

2-5.4.1 General. ADD the following:

Source Identification e.g., RFI numbers and Change Order numbers as required to identify the source of the change to the Contract Documents shall be noted.

2-6 WORK TO BE DONE. ADD the following:

In accordance with the provisions of California Law, the Contractor shall possess or require the Subcontractor(s) to possess valid appropriate license(s) for the Work being performed.

2-10 AUTHORITY OF BOARD AND ENGINEER. ADD the following:

Regulating agencies of the City, such as Developmental Services, Fire and Planning Departments, enforce Legal Requirements and standards. These enforcement activities are not subject to the responsibilities of the Engineer under this Agreement.

2-11 INSPECTION. ADD the following:

The City may utilize field inspectors to assist the Engineer during construction in observing performance of the Contractor. The inspector is for the purpose of assisting the Engineer and shall not be confused with an inspector with a City regulatory agency or with a Special Inspector.

Code compliance testing (including all Geotechnical requirements) and inspections required by codes or ordinances, or by a plan approval authority, shall be the responsibility of and shall be paid by the Contractor, unless otherwise provided in the Contract Documents.

The Contractor's quality control testing and inspections shall be the sole responsibility of the Contractor and paid by the Contractor included in the Bid price.

ADD: 2-17 CONTRACTOR REGISTRATION. The Contractor, Subcontractors, and Suppliers shall register with the City's EOCP via Prism® i.e., the City's web-based contract compliance portal at: <https://pro.primcompliance.com/contractor/plugins/pages/contractormenu.aspx>.

The Contractor shall ensure that proposed Subcontractors and Suppliers have completed the registration prior to Notice of Intent to Award. If the Contractor fails to have its Subcontractors and Suppliers registered after the NTP has been issued, the City will withhold a minimum of 10% in addition to the Retention from all invoices submitted until the Contractor and all listed Subcontractors and Suppliers are properly registered in PRISM.

SECTION 3 – CHANGES IN WORK

3-3.2.2 Basis for Establishing Costs (a) Labor, City Supplement, first and second paragraphs, DELETE in entirety and SUBSTITUTE with the following:

The City reserves the right to request financial records of salaries for an employee, wages, bonuses and deductions to substantiate the actual cost of labor certified by a California licensed Certified Public Accountant. The Contractor shall use the City provided form i.e., “PUBLIC WORKS PAYROLL REPORTING FORM” which is available at <http://www.sandiego.gov/eoc/pdf/payrollreport.pdf> to list the labor rates of its personnel and Subcontractors who work on this Project. An initial submittal shall be made prior to NTP.

The payment for payroll records shall be included in the various Bid item unless a separate Bid item has been provided.

SECTION 4 - CONTROL OF MATERIALS

4-1.3.1 General. First paragraph, ADD the following:

Other standard items or materials typically accepted by Certificate of Compliance shall not require inspection at the source unless specified in the Special Provisions. For a list of these items or materials, the Contractor may refer to the Contract Documents.

4-1.3.5 Special Inspections. To the City Supplement, ADD the following:

Special Inspection and testing by the Special Inspectors shall meet the minimum requirements of the prevailing Codes and by the City’s Development Services Department (DSD) and reference in <http://www.sandiego.gov/development-services/industry/special.shtml>

4-1.5 Certificates of Compliance. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

4-1.5 Certificates of Compliance. DELETE in its entirety and SUBSTITUTE with the following:

Certificates of Compliance shall be furnished to the Engineer prior to the use of any material or assembled material for which these Specifications so require or if so required by the Engineer.

The Engineer may waive the materials testing requirements of the Specifications and accept a Certificate of Compliance. Manufacturing test data may be required by the Engineer to be included with the submittal.

Materials used on the basis of a Certificate of Compliance may be sampled and tested at any time. The submission of a Certificate of Compliance shall not relieve the Contractor of responsibility for incorporating material in the Work which conforms to the requirements of the Contract Documents,

and any material not conforming to the requirements will be subject to rejection whether in place or not.

When professional certification of performance criteria of materials, systems or equipment is required by the Contract Documents, the City shall be entitled to rely upon the accuracy and completeness of such calculations and certifications.

4-1.6 Trade Names or Equals. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

ADD the following:

Whenever materials or equipment are indicated in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the naming of the item is intended to establish the type, function, and quality required. Unless stated otherwise, materials or equipment of other Suppliers may be accepted if sufficient information is submitted to the Engineer for review to determine whether the material or equipment proposed is equivalent or equal to that named.

- a) The Contractor shall submit its list of proposed substitutions for “an equal” (“or equal”) item(s) **no later than 5 Working Days after the determination of the Apparent Low Bidder** and on a City form when provided by the City.
- b) The request for substitution shall include the following information:
 - i. Whether or not acceptance of the substitute for use in the Work will require a change in any of the Contract Documents to adopt the design to the proposed substitute.
 - ii. Whether or not incorporation or use of the substitute in connection with the Work is subject to payment of any license fee or royalty.
 - iii. All variations of the proposed substitute from the items originally specified will be identified.
 - iv. Available maintenance, repair, and replacement service requirements. The manufacturer shall have a local service agency within 50 miles of the site which maintains properly trained personnel and adequate spare parts and is able to respond and complete repairs within 24 hours.
 - v. Certification that the proposed substitute will perform adequately the functions and achieve the results called for by the general design, and be similar and of equal substance to that indicated, and be suited to the same use as that specified.
- c) There is no guaranteed time frame for the City’s review of the substitution requests.
- d) The burden of proof as to the type, function, and quality of any such substitute product, material or equipment shall be upon the Contractor. The Engineer may require at the Contractor's expense additional data about the proposed substitute.
- e) If the Engineer takes no exceptions to the proposed substitution, it shall not relieve the Contractor from responsibility for the efficiency, sufficiency, quality, and performance of the substitute material or equipment, in the same manner and degree as the material and equipment specified by name.
- f) The lack of action(s) on the Engineer’s side within the Contractor’s requested time shall not constitute acceptance of the substitution.

- g) Acceptance by the Engineer of a substitute item shall not relieve the Contractor of the responsibility for full compliance with the Contract Documents.
- h) For the substitution review process or to have materials listed on the AML, refer to the AML standard review process.
- i) The Bid submittal shall be based on the material and equipment specified by name in the Contract. If the proposal is rejected by the Engineer, the Contractor shall not be entitled to either an extension in Contract Time, increase in the Contract Price, or both.
- j) As applicable, no Shop Drawing or Working Drawing submittals shall be made for a substitute item nor shall any substitute item be ordered, installed, or utilized without the Engineer's prior written.
- k) The Contractor shall reimburse the City for the charges of the Engineer for evaluating each proposed substitute.
- l) For Design-Build contracts, one copy of all designer reviewed submittals shall be provided to the Engineer.

SECTION 6 - PROSECUTION, PROGRESS AND ACCEPTANCE OF WORK

6-1.2 Commencement of Work. To the GREENBOOK and the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

Unless specified otherwise, construction shall start within 5 Working Days after NTP and be diligently prosecuted to completion within the Contract Time. The Contractor shall not start any construction activity at the Site until the Pre-construction Meeting is held and the NTP has been issued by the Engineer.

Upon the Contractor's written request, the City may delay the NTP as follows:

- a) Up to 5 Working Days from the Pre-construction Meeting, or
- b) Up to 40 Working Days from the Limited NTP for the preparation, submittal, obtaining approval for and filing of the PRDs in accordance with 801, "STORM WATER POLLUTION CONTROL," or
- c) Up to 60 Working Days from the Limited NTP for the preparation, submittal, and approval of the TCP on "D-sheets" when specified in 7-10.2, "Traffic Control."

The Contractor shall notify SDG&E at least 10 Working Days prior to excavating within 10' of SDG&E Underground High Voltage Transmission Power Lines (i.e., 69 KV and higher).

For areas that do not require engineered TCP on D-sheets, the Contractor may at any time after the Pre-construction Meeting obtain a TCP Permit via Working Drawings or the City's over the counter process and start the Work. If the Contractor decides to commence the construction work before the completion of the D-sheet TCPs, the Contractor shall forfeit the 60 Working Days specified here. The D-sheet TCP shall be done concurrently and no additional time will be granted.

For paving Work, the Contractor shall coordinate the Work to facilitate the installation and protection of the new curb ramps and associated concrete work prior to commencing the asphalt overlay operations. The Work at a specific location shall not commence until all layouts and measurements are agreed upon by both the Contractor and the Engineer.

6-1.3 Work Outside Normal Working Hours. ADD the following:

Construction work may be performed at night or weekends at no extra cost to the City. The contractor must have prior authorization from the Resident Engineer and The City Traffic Engineer to perform Work on weekends or at night. In addition, the Contractor will be required to obtain a Noise Abatement Permit to perform work outside the normal working hours. Cost of the permits shall be included in the unit price Bid item for Traffic Control.

6-1.4 Phased Funding. To the City Supplement, ADD the following:

This contract is subject to Phased Funding.

ADD: 6-1.8 Pre-construction Meeting. Within 20 Working Days from the Limited NTP the Engineer will schedule a mandatory pre-construction meeting (Pre-construction Meeting) with the Contractor. The agenda will include items such as NTP, design services and submittal and review process for Design-Build contracts, critical elements of the work schedule, submittal schedule, cost breakdown of major lump sum items, payment requests and processing, environmental and community concerns, coordination with the involved utility firms, the level of record project documents required and emergency telephone numbers for all representatives involved in the course of construction.

6-7.1 General. To the City Supplement, ADD the following:

- d) If weather condition is suitable, the Contractor shall complete each street segment within 15 Working Days from the day the slurry seal or asphalt overlay is placed. Each completed segment shall include other incidental Work items e.g., weed abatement, damaged asphalt pavement replacement, asphalt patching, resurfacing, striping, markings, raised pavement markers, and inlet markers.

ADD: 6-8.1 Completion. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

6-8.1 Completion. The Contractor shall submit a written assertion that the Work has been completed. If, in the Engineer's judgment, the Work has been completed in accordance with the Contract Documents, the Engineer will set forth in writing the date the Work was completed. This will be the date when the Contractor is relieved from responsibility to protect and maintain the Work.

6-8.2 Acceptance. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

6-8.2 Acceptance. Acceptance will occur after all of the requirements contained in the Contract Documents have been fulfilled. If, in the Engineer's judgment, the Contractor has fully performed the Contract, the Engineer will accept the Contractor's performance of the Contract.

6-8.3 Warranty. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

6-8.3 Warranty. Unless specified otherwise, the Work shall be warranted by the Contractor against defective workmanship and materials for a period of 1 year.

- a) The warranty period shall start on the date of completion of the Work as determined by the Engineer.
- b) The Contractor shall provide an unconditional warranty on all installed fiber optic cable for a minimum period of 2 years.
- c) The warranty period for the following items of the Work shall be 3 years:
 - 1. Work under Section 500 (requires Long Term Warranty Contract (LTWC))
 - 2. DWT Construction (requires manufacturer's warranty)
 - 3. LED signal modules (requires manufacturer's warranty)
- d) Private sewer pumps including the alarm panel and all other accessories. The Contractor shall provide the City and property owner a copy of the warranty. (requires manufacturer's warranty)
- e) The Contractor shall involve the manufacturer in the installation and startup as needed to secure any extended warranty required.
- f) The warranty period for specific items covered under manufacturers' or suppliers' warranties shall commence on the date they are placed into service at the direction of or as approved by the Engineer in writing.
- g) All warranties, express or implied, from Subcontractors or Suppliers, of any tier, for the work performed and materials furnished shall be assigned, in writing, to the City, and such warranties shall be delivered to the Engineer prior to acceptance of the Contractor's performance of the Contract.
- h) The Contractor shall replace or repair defective Work in a manner satisfactory to the Engineer, after notice to do so from the Engineer, and within the time specified in the notice. If the Contractor fails to make such replacement or repairs within the time specified in the notice, the City may perform the replacement or repairs at the Contractor's expense. If the Contractor fails to reimburse the City for the actual costs, the Contractor's Surety shall be liable for the cost thereof.
- i) Nothing in this warranty is intended to limit any manufacturer's warranty which provides the City with greater warranty rights than set forth in this section or the Contract Documents.
- j) These specifications are not intended to constitute a period of limitations or waiver of any other rights or remedies City may have regarding the Contractor's other obligations under the Contract Documents or federal or state law.
- k) The Contractor shall respond and initiate corrective action within 24 hours of notice of nonconforming Work that poses an imminent threat to person or property.

6-9 LIQUIDATED DAMAGES. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

MODIFY to increase the daily value from \$250 to \$1,000 for contracts with a value of over \$100,000.

Failure to complete the liner installation and lateral reinstatement as specified in Part 5, "SYSTEM REHABILITATION," within the Contract Time will result in damages being sustained by the City.

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

7-3 LIABILITY INSURANCE. DELETE in its entirety and SUBSTITUTE with the following:

The insurance provisions herein must not be construed to limit your indemnity obligations contained in this contract.

ADD: 7-3.1 Policies and Procedures.

- a) You must procure the insurance described below, at your sole cost and expense, to provide coverage against claims for loss including injuries to persons or damage to property, which may arise out of or in connection with the performance of the Work by you, your agents, representatives, officers, employees or subcontractors.
- b) Insurance coverage for property damage resulting from your operations is on a replacement cost valuation. The market value will not be accepted.
- c) You must maintain this insurance for the duration of this contract and at all times thereafter when you are correcting, removing, or replacing Work in accordance with this contract. Your liabilities under this contract, e.g., your indemnity obligations, will is not deemed limited to the insurance coverage required by this contract.
- d) Payment for insurance is included in the various items of Work as bid by you, and except as specifically agreed to by the City in writing, you are not entitled to any additional payment. Do not begin any work under this contract until you have provided and the City has approved all required insurance.
- e) Policies of insurance must provide that the City is entitled to 30 days (10 days for cancellation due to non-payment of premium) prior written notice of cancellation or non-renewal of the policy. Maintenance of specified insurance coverage is a material element of this contract. Your failure to maintain or renew coverage or to provide evidence of renewal during the term of this contract may be treated by the City as a material breach of contract.

ADD: 7-3.2 Types of Insurance.

7-3.2.1 Commercial General Liability Insurance.

- a) Commercial General Liability Insurance must be written on the current version of the ISO Occurrence form CG 00 01 07 98 or an equivalent form providing coverage at least as broad.
- b) The policy must cover liability arising from premises and operations, XCU (explosions, underground, and collapse), independent contractors, products/completed operations, personal injury and advertising injury, bodily injury, property damage, and liability assumed under an insured's contract (including the tort liability of another assumed in a business contract).
- c) There must be no endorsement or modification limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. You must maintain the same or equivalent insurance for at least 10 years following completion of the Work.
- d) All costs of defense must be outside the policy limits. Policy coverage must be in liability limits of not less than the following:

General Annual Aggregate Limit	Limits of Liability
Other than Products/Completed Operations	\$2,000,000
Products/Completed Operations Aggregate Limit	\$2,000,000
Personal Injury Limit	\$1,000,000
Each Occurrence	\$1,000,000

7-3.2.2 Commercial Automobile Liability Insurance.

- a) You must provide a policy or policies of Commercial Automobile Liability Insurance written on the current version of the ISO form CA 00 01 12 90 or later version or equivalent form providing coverage at least as broad in the amount of \$1,000,000 combined single limit per accident, covering bodily injury and property damage for owned, non-owned, and hired automobiles (“Any Auto”).
- b) All costs of defense must be outside the limits of the policy.

7-3.2.3 Commercial Pollution Liability Insurance.

- a) You must procure and maintain at your expense or require Subcontractor, as described below to procure and maintain, the Contractors Pollution Liability Insurance including contractual liability coverage to cover liability arising out of cleanup, removal, storage, or handling of hazardous or toxic chemicals, materials, substances, or any other pollutants by you or any Subcontractor in an amount not less than \$2,000,000 limit for bodily injury and property damage.
- b) All costs of defense must be outside the limits of the policy. Any such insurance provided by Subcontractor instead of you must be approved separately in writing by the City.
- c) For approval of a substitution of Subcontractor’s insurance, you must certify that all activities for which the Contractors Pollution Liability Insurance will provide coverage will be performed exclusively by the Subcontractor providing the insurance. The deductible must not exceed \$25,000 per claim.
- d) Contractual liability must include coverage of tort liability of another party to pay for bodily injury or property damage to a third person or organization. There must be no endorsement or modification of the coverage limiting the scope of coverage for either “insured vs. insured” claims or contractual liability.
- e) Occurrence based policies must be procured before the Work commences and must be maintained for the Contract Time. Claims Made policies must be procured before the Work commences, must be maintained for the Contract Time, and must include a 12 month extended Claims Discovery Period applicable to this contract or the existing policy or policies must continue to be maintained for 12 months after the completion of the Work without advancing the retroactive date.
- f) Except as provided for under California law, the policy or policies must provide that the City is entitled to 30 days prior written notice (10 days for cancellation due to non-payment of premium) of cancellation or non-renewal of the policy or policies.

ADD: 7-3.3 Rating Requirements. Except for the State Compensation Insurance Fund, all insurance required by this contract as described herein must be carried only by responsible insurance companies with a rating of, or equivalent to, at least “A-, VI” by A.M. Best Company, that are authorized by the California Insurance Commissioner to do business in the State, and that have been approved by the City.

7-3.3.1 Non-Admitted Carriers. The City will accept insurance provided by non-admitted, “surplus lines” carriers only if the carrier is authorized to do business in the State and is included on the List of Eligible Surplus Lines Insurers (LESLI list).

All policies of insurance carried by non-admitted carriers must be subject to all of the requirements for policies of insurance provided by admitted carriers described herein.

ADD: 7-3.4 Evidence of Insurance. Furnish to the City documents e.g., certificates of insurance and endorsements evidencing the insurance required herein, and furnish renewal documentation prior to expiration of this insurance. Each required document must be signed by the insurer or a person authorized by the insurer to bind coverage on its behalf. We reserve the right to require complete, certified copies of all insurance policies required herein.

ADD: 7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance

7-3.5.1.1 Additional Insured.

- a) You must provide at your expense policy endorsement written on the current version of the ISO Occurrence form CG 20 10 11 85 or an equivalent form providing coverage at least as broad.
- b) To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.
 1. The additional insured coverage for projects for which the Engineer’s Estimate is \$1,000,000 or more must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) Your products, (c) Your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you.
 2. The additional insured coverage for projects for which the Engineer’s Estimate is less than \$1,000,000 must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) Your products, or (c) premises owned, leased, controlled, or used by you.

7-3.5.1.2 Primary and Non-Contributory Coverage. The policy must be endorsed to provide that the coverage with respect to operations, including the completed operations, if appropriate, of the Named Insured is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives. Further, it must provide that any insurance maintained by the City and its elected officials, officers, employees, agents and representatives must be in excess of the Contractor's insurance and must not contribute to it.

7-3.5.1.3 Project General Aggregate Limit.

The policy or policies must be endorsed to provide a Designated Construction Project General Aggregate Limit that will apply only to the Work. Only claims payments which arise from the Work must reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit must be in addition to the aggregate limit provided for the products-completed operations hazard.

7-3.5.2 Commercial Automobile Liability Insurance.

7-3.5.2.1 Additional Insured. Unless the policy or policies of Commercial Auto Liability Insurance are written on an ISO form CA 00 01 12 90 or a later version of this form or equivalent form providing coverage at least as broad, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured, with respect to liability arising out of automobiles owned, leased, hired or borrowed by you or on your behalf. This endorsement is limited to the obligations permitted by California Insurance Code §11580.04.

7-3.5.3 Contractors Pollution Liability Insurance Endorsements.

7-3.5.3.1 Additional Insured.

- a) The policy or policies must be endorsed to include as an Insured the City and its respective elected officials, officers, employees, agents, and representatives, with respect to liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, (c) your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you; except that in connection with, collateral to, or affecting any construction contract to which the provisions of subdivision (b) of § 2782 of the California Civil Code apply, this endorsement must not provide any duty of indemnity coverage for the active negligence of the City and its respective elected officials, officers, employees, agents, and representatives in any case where an agreement to indemnify the City and its respective elected officials, officers, employees, agents, and representatives would be invalid under subdivision (b) of §2782 of the California Civil Code.
- b) In any case where a claim or loss encompasses the negligence of the Insured and the active negligence of the City and its respective elected officials, officers, employees, agents, and representatives that is not covered because of California Insurance Code §11580.04, the insurer's obligation to the City and its respective elected officials, officers, employees, agents, and representatives must be limited to obligations permitted by California Insurance Code §11580.04.

7-3.5.3.2 Primary and Non-Contributory Coverage. The policy or policies must be endorsed to provide that the insurance afforded by the Contractors Pollution Liability Insurance policy or policies is primary to any insurance or self-insurance of the City and its elected officials, officers, employees, agents and representatives with respect to operations including the completed operations of the Named Insured. Any insurance maintained by the City and its elected officials, officers, employees, agents and representatives must be in excess of your insurance and must not contribute to it.

7-3.5.3.3 Severability of Interest. For Contractors Pollution Liability Insurance, the policy or policies must provide that your insurance must 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 and must provide cross-liability coverage.

ADD: 7-3.6 Deductibles and Self-Insured Retentions. You are responsible for the payment of all deductibles and self-insured retentions. Disclose deductibles and self-insured retentions to the City at the time the evidence of insurance is provided.

ADD: 7-3.7 Reservation of Rights. We reserve the right, from time to time, to review your insurance coverage, limits, deductibles and self-insured retentions to determine if they are acceptable to the City. We will reimburse you, without overhead, profit, or any other markup, for the cost of additional premium for any coverage requested by the Engineer but not required by this contract.

ADD: 7-3.8 Notice of Changes to Insurance. You must notify the City 30 days prior to any material change to the policies of insurance provided under this contract.

ADD: 7-3.9 Excess Insurance. Policies providing excess coverage must follow the form of the primary policy or policies e.g., all endorsements.

7-4 WORKERS' COMPENSATION INSURANCE. DELETE in its entirety and SUBSTITUTE with the following:

7-4.1 Workers' Compensation Insurance and Employers Liability Insurance.

- a) In accordance with the provisions of §3700 of the California Labor Code, you must provide at its expense Workers' Compensation Insurance and Employers Liability Insurance to protect you against all claims under applicable state workers compensation laws. The City, its elected officials, and employees will not be responsible for any claims in law or equity occasioned by your failure to comply with the requirements of this section.
- b) Limits for this insurance must be not less than the following:

<u>Workers' Compensation</u>	<u>Statutory Employers Liability</u>
Bodily Injury by Accident	\$1,000,000 each accident
Bodily Injury by Disease	\$1,000,000 each employee
Bodily Injury by Disease	\$1,000,000 policy limit

- c) By signing and returning this contract you certify that you are aware of the provisions of §3700 of the Labor Code which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code and you will comply with such provisions before commencing the Work as required by § 1861 of the California Labor Code.

7-4.1.1 Waiver of Subrogation.

The policy or policies must be endorsed to provide that the insurer will waive all rights of subrogation against the City, and its respective elected officials, officers, employees, agents, and representatives for losses paid under the terms of the policy or policies and which arise from work performed by the Named Insured for the City.

7-5.2 Caltrans Encroachment Permit. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

- a) The City has applied for the Caltrans Encroachment Permit unless specified otherwise in the SSP.

- b) The Contractor shall pay for and secure the permit prior to construction regardless of which party has applied for it.
- c) The Contractor shall arrange and pay for inspection as required by Caltrans.
- d) The Contractor shall be solely responsible for permit processing delays that result from incomplete or inaccurate information provided by the Contractor to the City or the Caltrans.

7-8.6 Water Pollution Control. ADD the following:

- a) The Project is subject to the Storm Water Pollution control requirements listed on the Plans or as specified in these specifications.
- b) For contracts subject to Construction General Permit (CGP), the Contractor’s QSD shall verify the City’s assessment prior to submittal through SMARTS.
- c) The Contractor’s attention is directed to Section 801, “WATER POLLUTION CONTROL” of these specifications for more information.

Based on a preliminary assessment by the City, this contract is subject to **WPCP**.

7-9 PROTECTION AND RESTORATION OF EXISTING IMPROVEMENTS. ADD the following:

In any emergency affecting the safety of persons or property, the Contractor shall act, at its discretion, to prevent threatened damage, injury or loss. Any change in Contract Price or Contract Time resulting from emergency work shall be determined as provided in SECTION 3, “CHANGES IN WORK.”

7-10.1 Traffic and Access. To the City Supplement, DELETE the agency notification listing in its entirety and SUBSTITUTE with the following:

The Contractor shall notify Metropolitan Transit System (MTS), a minimum of 5 Working Days prior to excavation, construction, or traffic control affecting bus stops. The Contractor shall notify the remaining agencies a minimum of two 2 Working Days prior to construction activities affecting the agencies:

Fire Department Dispatch	(Street or alley closure)	(858) 573-1300
Police Department Traffic	(Street or alley closure)	(858) 495-7800
Street Division/Electrical	(Traffic signals)	(619) 527-7500
U.S. Navy	(32nd Street Naval Station)	(619) 556-1319
Underground Service Alert	(Any excavation)	(800) 422-4133
MTS	(Street Closure and Bus Stops)	(619) 238-0100 Ext 6451

7-10.2.2 ENGINEERED Traffic Control Plans Provided by the Contractor. To the City Supplement, ADD the following:

Engineered “D” size TCP shall be required for the following areas:

- a) Coronado Ave and Palm Ave.

7-10.6 Traffic Plate Bridging. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

Transverse or longitudinal cuts, voids, trenches, holes, and excavations in the right-of-way that cannot be properly completed within 1 Working Day shall be protected by adequately designed barricades and structural steel plates [plates] that will support legal vehicle loads in such a way as to preserve unobstructed traffic flow.

The Contractor shall secure approval, in advance, from authorities concerning the use of any bridging proposed on the Work.

Plates shall conform to the following:

- a) The trench shall be adequately shored to support the bridging and traffic loads.
- b) Plates shall be designed for HS 20-44 truck loading in accordance with Caltrans Bridge Design Specifications Manual.
- c) For the minimum thickness of plates refer to Table 7-10.6(A):

Table 7-10.6(A) - Trench Width / Minimum Plate Thickness

Trench Width	Minimum Plate Thickness
10" (0.25 m)	1/2" (13 mm)
1'-11" (0.58 m)	3/4" (19 mm)
2'-7" (0.80 m)	7/8" (22 mm)
3'-5" (1.04 m)	1" (25 mm)
5'-3" (1.6 m)	1 1/4" (32 mm)

For spans greater than 5'-3" (1.6 m), a structural design shall be prepared by a California Registered Civil Engineer and approved by the Engineer.

- d) Plates shall have a skid-resistant surface with a nominal Coefficient Of Friction (COF) of 0.35 as determined by California Test Method 342.
- e) Plates shall extend a minimum of 12" (300 mm) beyond the edges of the trench.
- f) Plates shall provide complete coverage to prevent any person, bicycle, motorcycle or motor vehicle from being endangered due to plate movement causing separations or gaps.
- g) Plates shall be secured against movement or displacement by using adjustable cleats, shims, welding, or other devices, and shall be installed in a manner that will minimize noise as traffic drives over them. Plates shall be installed using either Method (1) or (2):

- i. Method 1 [For speeds greater than 45 mph (70 Km/hr)]: The pavement shall be cold planed to a depth equal to the thickness of the plate and to a width and length equal to the dimensions of the plate.
- ii. Method 2 [For Speeds less than 45 mph (70 Km/hr)]: Approach plate(s) and ending plate (if longitudinal placement) shall be attached to the roadway by a minimum of 2 dowels pre-drilled into the corners of the plate and drilled 2" (50 mm) into the pavement. Subsequent plates are butted to each other. Fine graded asphalt concrete shall be compacted to form ramps, maximum slope 8.5 % with a minimum 12" (305 mm) taper to cover all edges of the plates.

Alternative installation method may be submitted in accordance with 2-5.3, "Submittals" for the Engineer's approval.

- h) The Contractor shall be responsible for maintenance of the plates, shoring, and asphalt concrete ramps or any other approved device used to secure the plates. The Contractor shall immediately mobilize necessary personnel and equipment after being notified by the Engineer, the City's station 38, or a member of the public of a repair needed e.g., plate movement, noise, anchors, and asphalt ramps. Failure to respond to the emergency request within 2 hours will be grounds for the City to perform necessary repairs that will be invoiced at actual cost including overhead or \$500 per incident, whichever is greater. Failure by the Contractor to comply may result in automatic grounds suspension of permit, Contract, or both.
- i) When plates are removed, any damage to the pavement shall be repaired with fine graded asphalt concrete mix or slurry seal satisfactory to the Engineer.

Payment for traffic plate bridging shall be included in the various Bid items unless a Bid Item has been provided for steel plate bridging.

ADD: 7-16.2.2 Weekly Updates Recipients. The following recipients shall receive a weekly correspondence with updates, traffic control issues and locations, lane closures, and any other pertinent information (with additional contact names given during award process).

Chris Gascon, Project Manager, CGascon@sandiego.gov
Liberio (Lee) Ruiz, Project Engineer, LRuiz@sandiego.gov
Resident Engineer, To be determined.

SECTION 8 - FACILITIES FOR AGENCY PERSONNEL

8-2 FIELD OFFICE FACILITIES. To the City Supplement, DELETE in its entirety.

PART 2 - CONSTRUCTION MATERIALS

SECTION 207 – PIPE

207-17.1 General. ADD the following:

All House Connection Sewer Laterals shall use acceptable stainless steel shielded couplings manufactured by Mission, Fernco or approved equal.

ADD: 207-17.2.3 Pipe Manufacturer. Pipe, fittings, couplings, and joints as manufactured or distributed by J-M Manufacturing Company shall not be used on this contract.

207-26.1.1 Polymer Concrete Water Meter Boxes. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

Boxes and covers to be installed in traffic areas shall have a reinforced polymer concrete frame and cover designed for AASHTO H-20 traffic loading. Boxes and covers to be installed in non-traffic areas shall have reinforced polymer concrete reader lids designed for A-10 traffic loading in accordance with ASTM-C857. Traffic areas are defined as any location in which vehicular traffic is evident or highly likely under normal conditions. Non-traffic areas are locations with no vehicular traffic. Covers shall have a logo reading "PUD WATER" as well as the manufacturer's name or logo cast in the polymer concrete surface. A cover and lid selected at random shall be tested. The cover and lid shall support without failure a total vertical load of at least 1,000 pounds, when supported in a horizontal position in the meter box. The load shall be applied to the center of the lid by a cylindrical pin, 1.952" in diameter, supported on a 2-thick rubber pad.

Unless provided for as a separate Bid item, payment for Polymer Concrete Box shall be included in the Bid item for water services.

207-26.1.5 Polyvinyl Chloride Pipe 2" Only. To the City Supplement, DELETE in its entirety.

SECTION 216 – DETECTABLE WARNING TILES

216-1.2 Materials. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

Materials for DWT specified herein shall be per the City's Approved Materials List (AML). The tiles shall have the manufacturer's logo stamped permanently on the product with identifying information such as model number and type.

- a) The Stainless Steel Cast in Place DWT shall be of 16 gauge Type 304L with an integral micro-texture non-slip surface stamped into the stainless steel plate on the top of the domes and in the field surface between the domes. It shall have an ultra violet stabilized coating.
- b) Vitrified Polymer Composite (VPC) Cast in Place DWT shall be an epoxy polymer composition with an ultra violet stabilized coating employing aluminum oxide particles in the truncated domes. VPC Product shall be provided with a 5-year manufacturer written warranty form materials and installation.
- c) For others materials and a complete listing of material physical property requirements refer to the City's AML.

PART 3 – CONSTRUCTION METHODS

SECTION 302 – ROADWAY SURFACING

302-1.9 Traffic Signal Loop Detectors. To the City Supplement, DELETE the second paragraph and SUBSTITUTE with the following:

Traffic detector loops shall be reinstalled prior to resurfacing of the related street within 15 days from completion of all preparatory work including milling, cutting and grinding. The Contractor shall contact the City of San Diego's Street Division, Traffic Signal Maintenance at 619-527-8052 north of Interstate 8 or 619-527-8053 south of Interstate 8 to request loop layout.

ADD: 302-5.2 Pavement Restoration Adjacent to Trench. Pavement restoration adjacent to trench shall include the replacement of existing pavement adjacent to the proposed trench and outside the trench limits, that was previously broken or displaced.

Prior to the commencement of the Work, the Contractor shall meet with the Engineer and determine the limits of the pavement to be replaced. If the Contractor does not meet with the Engineer before removing the pavement, all replacement outside the limits of the proposed trench resurfacing shall be at the Contractor's expense.

Existing pavement shall be removed in accordance with Section 300-1.3.2. Prior to pavement restoration, existing subgrade shall be prepared in accordance with 301-1, "SUBGRADE PREPARATION." If any existing unsuitable subgrade as determined by the Engineer is encountered, it shall be replaced with imported backfill in accordance with 306-1.3.7, "Imported Backfill" prior to preparation.

302-5.2.1 Measurement and Payment. Payment for pavement restoration adjacent to trench will be made on a square foot basis as shown in the Bid in accordance with 302-6.8, "Measurement and Payment." Unless Bid includes separate Bid item(s), the following shall be included in the payment for pavement restoration adjacent to trench:

- a) saw-cutting existing edges,
- b) removal and disposal of existing pavement,
- c) subgrade preparation including imported backfill material,
- d) form work,
- e) placement, curing, and protection of new pavement, and
- f) placing class "F" asphalt where required.

302-6.1 General. To the City Supplement, Last paragraph, DELETE in its entirety and SUBSTITUTE with the following:

Prior to placing concrete, existing subgrade shall be prepared in accordance with 301-1, "SUBGRADE PREPARATION."

If any existing unsuitable subgrade, as determined by the Engineer, is encountered it shall be replaced in accordance with 300-2.2, "Unsuitable Material."

302-6.8 Measurement and payment. To the City Supplement, DELETE in its entirety.

303-5.10.2 Payment. To the City Supplement, 2nd paragraph, DELETE in its entirety and SUBSTITUTE the following:

Additional concrete sidewalk and curb quantities *beyond the 15'-0"* will be paid for in accordance with the Contract unit price for additional curb and additional sidewalk.

302-13.4 Application. To the City Supplement, DELETE the second paragraph and SUBSTITUTE with the following:

Sealant shall be applied from the bottom of the crack up to the surface in a manner which does not result in sealant bridging or pockets of entrapped air. The sealant shall be applied to a slightly overfilled condition and then leveled with a squeegee. The width of sealant remaining on the surface shall not exceed 1.5" on either side of the crack. Any debris blown onto adjacent gutters, sidewalks, parkways, medians, intersections or other areas shall be removed prior to the end of the Working Day.

SECTION 306 – UNDERGROUND CONDUIT CONSTRUCTION

306-1.2.14 Thrust Blocks and Anchor Blocks. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

At least 10 Working Days prior to construction of thrust blocks and anchor blocks for 16" and larger water mains, the Contractor shall excavate via potholing and expose the soil to the depth of the proposed water main at locations approved by the Engineer. The Engineer will confirm the design when shown on the Plans or will provide the design details within 10 Working Days after the Engineer has observed the exposed Site.

If there are conflicts with adjacent utilities that prohibit the installation of the concrete blocks, the Contractor shall immediately notify the Engineer.

306-1.4.8 Televising Sewer Mains and Storm Drains. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

ADD: 306-1.4.8 Televising Sewer Mains, Sewer Laterals, and Storm Drains.

306-1.4.8.1 General. The Contractor in coordination with the Engineer shall televise new sewer mains and storm drains, rehabilitated existing sewer mains when performing parallel replacement to locate existing laterals, and existing sewer pipe segments and laterals after the cleaning process and prior to commencing rehab work. The Contractor shall provide the video records with compressed audio in digital file format on digital video discs (DVD's).

306-1.4.8.2 Submittals. The Contractor shall make several submittals during construction as follows:

- a) The Contractor shall provide an initial submittal at the start of televising work demonstrating the typical video and audio quality to be provided for acceptance by the Engineer. This submittal shall note any proposed changes to the specification listed below regarding video format, data processing, compression or other conditions for review and approval by the Engineer.
- b) When televising existing mains proposed to be replaced, the Contractor shall provide the televising DVD(s) and a red-lined set of Plans showing the location of the existing laterals to

the Engineer before constructing the new sewer mains. Service lateral video inspection shall be submitted on a separate DVD.

- c) Post Cleaning Videos prior to rehabilitation of mains - The Contractor shall televise the sewer pipe segments after the cleaning process has been completed and prior to commencing rehabilitation work. If point repairs are necessary, the Contractor shall identify the location of the proposed point repairs and submit the post cleaning video within 5 Working Days of completion of the segment cleaning and at least 5 Working Days prior to commencing the rehab work to obtain prior approval by the Engineer. The Engineer will review each video submittal within 10 Working Days of receiving submittal. Each video submittal shall be limited to 20 segments. The post cleaning video for the remainder of the mainline segments shall be submitted in accordance with 2-5.3, "Submittals."
- d) Post Cleaning Videos for rehabilitated laterals or lateral launch videos - The Contractor shall televise the lateral segments after the cleaning process has been completed and prior to commencing any work on laterals. The post cleaning video for service lateral launch shall be submitted within 5 Working Days of segment cleaning. The Engineer will review each video submittal within 10 Working Days of receiving each submittal. Each DVD submittal shall be limited to 20 segments. The video inspection shall include inspection of service lateral a minimum of 30' in length from the mainline or up to the property line unless an obstruction is encountered.
- e) If the property line clean-outs are not known to exist, service lateral video may be obtained with camera equipment designed to launch into the service lateral from the mainline or access from the private property with homeowner's permission. Each service lateral shall be identified by the Facility Sequence Number (FSN) of the mainline (when FSN are included in the Contract Documents) and the address of the property which it serves. Failure to comply with these specifications may result in one or more of the following:
 - i. A delay of the review and approval of the submittal(s).
 - ii. Delay in progress payments.
 - iii. Require the Contractor to re-televise the pipelines at no cost to the City.
- f) Final Televising, Post-Rehabilitation Videos and Red-lines – New sewer mains shall be inspected by CCTV and recorded on DVD not less than 22 working days after completion of permanent trench restoration and finished grading, but prior to final resurfacing. The Contractor shall review the DVD for any discrepancies or deficiencies in the installation of the pipe or liner. The Contractor shall notify the Engineer at least 30 Working Days in advance of the anticipated date that Acceptance will be requested. If the specified advance notice is not given, Acceptance and bond release may be delayed.
- g) Ten Working Days shall be allowed for the Engineer to review each individual video disc of each and every reach documented on that particular videodisc. In the event that any deficiencies are discovered by the Engineer or City, either by the Contractor's televising or the City's re-televising, 5 Working Days shall be allowed for City to judge whether the deficiencies or sags are repairable, in place. If the judgment is made that the deficiencies are non-repairable in place, the affected portion(s) shall be reconstructed at no cost to the City. The Contractor shall not be entitled to Contract Time extension due to delays resulting from correcting deficiencies or sags as determined by televised inspections.
 - i. The City reserves the right to re-televise any new sewer main after the placement of permanent trench restoration and before final acceptance to determine the existence

and extent of any foreign material or obstructions such as cement grout, wood, rocks, sand, concrete, or pipe fragments, and any structural deficiencies, or sags precipitated by the permanent trench restoration operations or other items of Work.

Post-rehabilitation videos shall be submitted within 30 days of completion of the Work. The final video recording shall clearly show the condition of the liner with ends sealed at the manholes, service lateral and connection seals. The submittal of this final video recording shall also include MS Access database and marked up Field Book pages or Plans as attachments. Failure to deliver the submittal(s) within the time identified or if a total of more than 20 segments are submitted in a single video may result in one or more of the following:

1. A delay of the review and approval of the submittal(s).
2. Delay in progress payments.
3. Require the Contractor to re-televising the sewer main segments.

306-1.4.8.3 Video Operator Qualifications. The video operator shall have at least 1 year of experience with a project of a similar nature within the last 3 years.

306-1.4.8.4 Equipment for Televising. Camera and lighting quality shall be suitable to provide a clear, continuously in-focus picture of the entire inside periphery of the sewer pipe or storm drain for all conditions encountered during the work. The equipment shall be capable of televising the entire length from manhole to manhole in one direction. When televising storm drains/sewer mains the camera shall be capable of scanning the joints for 360 degrees.

If necessary, the Contractor shall provide a self-propelled camera, capable of extended videotaping lengths and operation in remotely accessed areas without direct vehicular access. The system used to move the camera through the pipe shall not obstruct the camera's view. The remote-reading footage counter device which measures the distance traveled by the camera in the pipe shall be displayed on the television monitor and shall be accurate to plus or minus 1' (0.3 meters) in 1000' (300 meters) (+0.3m:300 meters). The Contractor shall calibrate the measuring device each day with a known distance to the satisfaction of the Engineer prior to starting the inspection and videotaping process.

306-1.4.8.5 Televising Procedures.

- a) The Engineer shall be notified a minimum of 2 Working Days in advance of televising. The entire televising inspection process shall be done in the presence of the Engineer.
- b) The Contractor shall clean the sewer mains prior to televising as necessary to adequately perform the video recording operations.
- c) The camera shall be moved through the sewer at a uniform rate, stopping when necessary to ensure proper documentation of the condition of the sewer line but in no case shall the television camera be pulled at a speed greater than 30' (9 meter) per minute. The camera shall be moved by means of power cable winches or self propelled tractors at each manhole, and rotating the camera head at each lateral connection, defect, or both to allow for adequate evaluation. The importance of accurate distance measurements is emphasized. Measurement for location of defects shall be above ground by means of a measuring device. Footages shown on the DVD(s) shall coincide with horizontal lengths from stationing as shown on the plans. Footage measurements shall begin at the centerline of the upstream manhole or storm

drain access point, unless permission is given by the Engineer to do otherwise. Both pre and post video inspections shall be submitted to the Engineer.

- d) Televising shall be done in one direction for the entire length between manholes. Each section shall be isolated from the remainder of the storm drain or sewer line with the upstream sewage flow bypassed as required. Sufficient water shall be supplied to the isolated section to cause drainage reaching the downstream manhole prior to televising. If existing flows are high, pre-construction video inspection can be done with partial flow. Depth of the flow shall not exceed:
 - i. 6" - 10"(150 mm. - 250 mm) pipes - 20% of the pipe diameter.
 - ii. 12" - 24" (0.3 meters - 0.6 meters) pipes - 25% of the pipe diameter.
 - iii. 27" (0.7 meters) and up pipe - 30% of the pipe diameter.
- e) The Contractor shall televise the pipeline with maximum flow diverted from the pipeline. In the event that the existing flow is interfering with the video operation, a bypass shall be performed by the Contractor to lower the flow volume sufficiently to allow for a clear video picture.
- f) Obstructions may be encountered during the course of the internal inspection that prevents the travel of the camera. If an obstruction is not passable, the Contractor shall withdraw the equipment and begin internal inspection from the opposite end of the sewer reach. Should an additional obstruction be encountered after employment of the equipment from the opposite end of the sewer and no means are available for moving the television camera past the obstruction, the Contractor shall notify the Engineer, and the inspection shall be cancelled or postponed until the obstruction is removed. The Contractor shall remove the obstruction by excavation, repair or any other means approved by the Engineer, at no additional cost to the City.

After the obstruction has been removed, the Contractor shall continue with the CCTV inspection. A reverse setup, if necessary, shall be performed by the Contractor at no additional cost to the City. Should the camera get stuck in the sewer, the Contractor shall be responsible for all costs involved in extracting it. Costs related to difficulties encountered during internal television inspection are incidental to the Contract and claims, therefore, will not be considered.
- g) Defects such as offset joints, cracks in the pipe, and inflow shall be pointed out, quantified verbally, and projected on CCTV video disc. The Contractor shall use the standard owner's video disc introduction, abbreviations, log sheet forms, and severity code with legend when recording the line segment information. The Contractor shall notify the Engineer of any additional damage found and obtain prior approval from the Engineer for additional point repairs.
- h) Original DVD shall be submitted to and shall become the property of the City. DVD's will be reviewed by the Engineer for focus, lighting, sound, clarity of view, and technical quality. Videos recorded while a camera has flipped over in the process of traveling and the viewing of laterals, obstructions or defects that are blocked by cables, skids or other equipment will not be accepted. Sharp focus, proper lighting, and clear distortion-free viewing during the camera operations shall be maintained. Failure to maintain these conditions will result in the

rejection of the video disc by the Engineer. Video recordings, if unacceptable to the Engineer, shall be repeated at no additional cost to the City.

- i) The City reserves the right to re-televisé any reach of the pipeline following the cleaning, pipe installation and rehabilitation activities, but before Acceptance, to determine the existence and extent of any foreign material or obstructions such as cement grout, wood, rocks, sand, concrete, or pieces of pipe, and any structural deficiencies, or sags preventing the completion of the Work.
- j) Final CCTV. The Contractor shall clean the line with high pressure water jetting equipment and a sewer ball prior to performing mandrel, air test or both, or as specified by the Engineer. For the final video inspection, the City will require a dry pipe. During the post-video inspection, the camera shall stop at each lateral connection, focus on the bottom of the opening and then make one slow clockwise observation around the perimeter of the lateral which clearly shows the quality of the connection. If the Contractor fails to properly show and document any of the lateral openings, the Contractor will be required to re-televisé that section of pipeline at no additional cost to the City.
- k) The Contractor shall not be entitled to any additional contract time due to delays resulting from the need to correct any deficiencies, either repairable or non-repairable, in place, as determined by televised inspections.

306-1.4.8.6 DVD and Final Report Requirements. The Contractor shall provide all video with audio in digital file format on DVD's. Audio and written documentation shall accompany all DVD(s) submitted to the Engineer.

- a) DVD Requirements
 - i. One file shall be provided for each manhole to manhole pipe segment or for each manhole to manhole inspection video.
 - ii. The filename shall incorporate the unique facility identifier provided by the City and the date of the inspection. The facility identifier numbers will be manhole numbers, with adjacent manhole numbers identifying pipe sections. The facility identifier number(s) shall be compatible with the data input features of the reporting software i.e., number of available input digits, fields, or both.
 - iii. DVD recordings shall be in color and in MPEG2 format. The minimum video bit rate shall be 4.7 Mega bits per second (Mbps) and minimum audio bit rate shall be 128 Kilo bits per second (Kbps). Out-of-focus video recording or low quality and blurred pictures due to steam or smudged camera lens, or portions thereof, shall be cause for rejection of the video recording.
 - iv. The camera source image capture shall provide a high resolution image with a minimum of 640x480 pixels capture. The video shall be at 30 frames per second.
 - v. The video will be captured and compressed so as to reduce file size as much as possible while still meeting the needs of the City. The compression shall be in accordance with MPEG2 format. The video files shall be highly compressed, resulting in an anticipated average file size of maximum 10 MB per minute of video.

- vi. The compression shall not significantly degrade the still frame quality of the video or audio signal from the original source video, as judged in a side by side viewing under normal viewing conditions.
- vii. During post-installation CCTV inspections, the Contractor shall utilize one of the following video camera systems: a rotating-lens camera (articulating head) or a pan and tilt camera.
- viii. The Contractor shall use a dual recording system and submit post video inspection discs to the inspector, subsequent to recording.
- ix. The Contractor shall ensure visibility and lighting with minimum glare and without any dark or shadowy regions appearing on the final video disc.
- x. The Contractor shall pan and tilt the camera and pause for at least 15 seconds at each lateral connection to adequately show and document that the saddle has been installed properly for new installations and that the lateral opening has been reestablished for rehabilitation and lining in accordance with 500.1.1.7.a, "Miscellaneous."
- xi. The television camera shall produce a continuously-monitored high-quality picture, capable of discerning all major and minor structural defects in the pipeline. The post-installation CCTV inspection will document all defects which may affect the integrity or the strength of the pipeline, such as cracks, roughness, fins, or folds. The Contractor shall repair or replace all defects, at no additional cost to the City, which in the opinion of the Engineer may affect the hydraulic condition of the pipe liner.
- xii. Each DVD submittal shall include the following:

Visuals

- 1. Adequate view of the upstream and downstream manholes or storm drain access points. The direction of the survey upstream or downstream.
- 2. A pause at and zoom in on the lateral connections for at least 15 seconds for identification of the condition of the connection.
- 3. A pause at and zoom in on the indentified defects sufficient for identification of the type of problem.
- 4. Identified fault conditions or defects, see Appendix for Standardized City Condition and Defect Codes.
- 5. Each pipe section shall be identified by FSN, manhole numbers and the street name. If shown on the Plans, station numbers and sheet numbers shall also be identified.
- 6. A continuous read-out of the camera distance from the starting manhole to the end point at all times.
- 7. Pipe size.

8. Pipe or liner material, see Appendix for Material Description and Code.

Audio

1. Date of CCTV inspection.
2. Confirmation of each section to be CCTV inspected i.e., narrative of manholes, storm access points or station numbers, or FSN's and direction upstream or downstream.
3. Description of pipe size lined on post and final videos, material liner type for post and final videos and pipe joint length.
4. Description and location of each defect.
5. Description and location of each service connection.
6. Include brief but informative comments on data of significance, including, but not limited to, the locations of unusual conditions, type and size of connection, collapsed section, the presence of scale and corrosion, and other discernible features.

Written Documentation

1. Date of CCTV inspection.
2. Printed labels on DVD number, location information, date of inspection, and other descriptive information.
3. Location, size, material, and length of pipe.
4. Direction of flow and measurement "From" manhole or storm drain access point or station number "To" manhole or storm drain access point or station number or FSN.
5. File numbers itemizing individual segments.
6. Sketch showing the street and cross streets where the CCTV inspection was made.
7. Description and location of each defect or deficiency and a list of all proposed repairs.
8. Description and location of each connection.
9. A menu which lists files for each pipe section to be inspected and the date of the inspection.

b) Final CCTV inspection reports

- i. The Contractor shall provide reports of final inspection results of pipeline televising and conditional assessments utilizing a MS Access database reporting software.

- ii. This information shall be in tabular form, and include but not be limited to the following information: pipeline run from upstream to downstream manhole, location of defects in feet from upstream manhole, description of the defect, and other pertinent information. The reports shall also show all service lateral connection locations. The inspection reports shall incorporate and utilize a standardized City's rating system to be provided for comprehensive evaluation of pipeline, manhole condition, or both, i.e., a standardized listing of facility condition and defect codes. Pipe condition and fault information tied to pipe location shall also be recorded in the Report.
- iii. The file naming convention for video files consists of 32 characters, including the extension. The structure includes the following: "(field book page start)-(manhole ID start)-(field book page end)-(manhole ID end)-(hhddmmyy).wmv" where the field book pages and manholes IDs are 4 characters in length and hhddmmyy signifies the hour, day, month and year of the inspection, respectively. An example filename may be "F18S-0045-F18S-0046-14150604.wmv".
- iv. See Appendix for televising inspection pipe database structure, table formats and standardized city condition, defect codes and digital video filename. Final reports shall follow these requirements.

306-1.4.8.7 Tolerances.

- a) For underground sewer or storm drain conduit installations, the maximum operational tolerance for sag shall be 1/2". When televised inspection is used to check for sag, a calibrated 1/4" diameter steel bar, mounted in front of the camera, shall be used to measure the depth of sag.
- b) For rehab work, tolerances shall be in accordance with 500-1.4.9, "DEFECT TOLERANCES".
- c) If the Engineer determines that the deficiencies or sags are non-repairable in place, the affected portion(s) shall be reconstructed in accordance with 6-8, "COMPLETION, ACCEPTANCE, AND WARRANTY."

306-1.4.8.8 Payment. The payment for cleaning and televising sewer mains or laterals and storm drains shall be included in the unit price Bid items for cleaning and televising sewer mains and storm drains, televising sewer mains for final acceptance, or lateral launch videos. If a Bid item has not been provided, the payment shall be included in the payment for the proposed pipe.

306-1.6 Basis of Payment for Open Trench Installations. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

Second paragraph, DELETE in its entirety and SUBSTITUTE with the following:

The unit price bid for pipe and conduit in place shall be considered full compensation for all wyes, tees, bends, monolithic catch basin connections, and specials shown on the Plans; the removal or restoration of interfering portions of existing sewers, storm drains, and existing improvements as shown on Plans; the closing or removing of abandoned conduit and structures; the excavations of the trench; the control of ground and surface waters; the preparation of subgrade; placing, joining and testing pipe; backfilling the trench; permanent resurfacing; disposal of excess excavation; temporary resurfacing when not a Bid item; and all other work necessary to install the pipe or conduit, complete in place.

Third paragraph, after the word "backfill" ADD: "disposal of all excess excavation,"

ADD the following:

- a) The Unit Price bid for thrust and anchor blocks shall include the payment for the thrust blocks and anchor blocks for water main 16” and larger.
- b) Thrust blocks and anchor blocks for water mains 12” and smaller shall be included in the Bid item for water mains.
- c) Payment for subsurface investigations e.g., potholing for thrust blocks and anchor blocks for water mains 16” and larger shall be included in the Bid item for water main.
- d) Payment for meter assembly shall be included in the various Bid items unless a pay item has been provided for Meter Assembly. The concrete pad, fence, gate, associated piping, and coordination with City Forces shall be included in the payment for the meter assembly.
- e) Payment for valves, fire hydrant assembly and marker, fire service assembly, fire service connection, and backflow preventer shall be included in the unit price Bid items for Valves, Fire Hydrant Assembly and Marker, Fire Service Assembly and backflow preventer, Fire Service Connection, and Backflow Preventer.
- f) Removal of existing Fire Hydrant and all appurtenant work shall be included in the Bid item for Fire Hydrant and Assembly and Marker.
- g) Payment for underdrains shall be included in the unit Bid item for “Underdrains.”
- h) The quantity of filter fabric to be paid for will be measured in square yards of the area covered, not including additional fabric for overlap. The quantity of permeable material to be paid will be measured by tons.

306-1.7 House Connection Sewer (Laterals) and Cleanouts. To the City Supplement, 2nd paragraph, DELETE in its entirety and SUBSTITUTE with the following:

Laterals shall be replaced and shall include a cleanout at property line. Lateral connections at the property line shall be made with stainless steel shielded couplings. The Plans show the approximate location of the laterals. Connections at the main shall be made using a “wye” cut-in. Saddle connections shall not be permitted.

ADD: 306-13.2 Pipe Separations. Pipe installation shall be in compliance with the State’s health standards for separation and the following:

- a) The Contractor shall notify the Engineer immediately if sewer and water pipes, whether existing or proposed, are found to be closer than 4’ horizontally or 1’ vertically.
- b) When a proposed water main is installed above an existing sewer main, no connection joints shall be within 8’ outside the sewer main crossing on both sides.
- c) When a proposed water main is installed below an existing sewer main, no connection joints shall be within 10’ of the sewer main crossing on both sides.
- d) When a proposed sewer main is installed above an existing water main, no connection joints shall be within 10’ outside the water main crossing on both sides.
- e) When a proposed sewer main is installed below an existing water main, no connection joints shall be within 4’ outside the water main crossing on both sides.
- f) Dimensions shall be measured from outside pipe wall to outside pipe wall.
- g) If 1’ vertical separation cannot be maintained between proposed and existing utilities, 6” – 11” sand cushion per 200-1.5, “Sand” and 1” neoprene pad shall be installed as shown on

Plans. The neoprene pad shall be 1” thick and wide enough to extend a minimum of 6” horizontally beyond the outside pipe wall. Neoprene pads shall have hardness between 50-70 durometers, as manufactured by Hoffmeyer Company, Industrial Rubber Supply, or approved equal. The neoprene pad shall be installed immediately below or on top of the existing utility. The sand cushion shall be placed between the neoprene pad and the proposed pipe.

306-13.3 Utility Crossings. To the City Supplement, DELETE in its entirety.

306-14 WATER SERVICES. To The City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

ADD: 306-14 WATER SERVICES. Each service shall have its own meter unless specified otherwise on the Plans. Water Services shall conform to 207-25, “POLYVINYL CHLORIDE (PVC) PRESSURE PIPE” and 207-26, “PIPE APPURTENANCES.”

PART 5 - SYSTEM REHABILITATION

SECTION 500 – PIPELINE

500-1.1.1.1 Design Criteria and Testing Requirements. To the City Supplement, 1st paragraph, 2nd sentence, DELETE in its entirety and SUBSTITUTE with the following:

The thickness installed shall be increased as necessary to accommodate the existing conditions revealed in the television inspection required in 306-1.4.8, “Televising Sewer Mains, Sewer Laterals and Storm drains” that will result in the minimum thickness specified at all locations along the rehabilitated pipe.

500-1.1.2.1 Pre-award Submittals. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

Within 5 Working Days of the Bid Opening, the 3 Apparent Low Bidders shall submit the following required information:

- a) Contractor’s Experience and Past Project Documentation - The selected Contractor shall submit documentation that a minimum of 0.3 miles, of sewer main rehabilitation similar in scope, has been successfully installed within the last 10 years in the U.S. with 5 years or more of documented performance record for the proposed product, and has been successfully performed by the Contractor and its personnel assigned to the liner installation and curing, utilizing the Contractor’s proposed rehabilitation system for this project. The required format for this submittal has been attached to this contract. The Contractor shall identify the employees i.e., project manager, superintendent, foreman, etc.; who will be assigned to this project and provide references in the format presented in the Contract Documents. The Contractor’s superintendent shall be assigned full time to this project and be present at the Site while work is being performed. Should CIPP be utilized, the documentation of the experience shall include the proposed resin and felt combination used and the installation of the proposed lateral sealing system with the pipe lining system.
- b) Manufacturer Certification – The Contractor shall submit manufacturer’s certificate(s) within the last 10 years, indicating that the supplied lining materials for sewer mains and sewer lateral connections meet the requirements of these specifications and a certificate of compliance from an independent third party lab that the proposed lining materials meet the chemical resistance requirements of 210-2, “PLASTIC LINER.” The creep reduction factor used for the long term flexural modulus calculation shall be verified by testing per ASTM D2990 in the certification.

- c) Authorized Installer - The installation of the sewer lining and lining of the service connections shall be performed by a contractor authorized, certified, or both by the manufacture or owner of the process. The Contractor shall submit a copy of the authorization from all manufacturers for which they are authorized, certified, or both and a letter from the manufacturer(s) stating the name, address, point of contact, and telephone number for City's verification.

500-1.1.2.3 Submittals during Construction. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

The Contractor shall submit the following during construction:

- a) Daily reports with Required Attachments - Daily reports shall be submitted on a daily basis throughout construction. The daily report shall include the wet-out data sheet, boiler operator cooking worksheet, and temperature strip charts.
- b) Post Cleaning Videos (for sewer pipe segments and service lateral launch), Post-Rehabilitation Videos (Final Videos) and Red-lines Videos and red-lines shall be submitted in accordance with 306-1.4.8, "Televising Sewer Mains, Sewer Laterals and Storm Drains"
- c) Samples - Required samples shall be submitted to the Engineer immediately following the lining operation, according to Table A of 500-1.1.6, "Sampling, Testing, and Installation."

500-1.1.5 Television Inspection. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

Closed Circuit television (CCTV) inspection will be required prior to rehabilitation to document the condition of the host pipeline or lateral and to verify that it was cleaned. A post-installation CCTV inspection shall be performed to determine if the work was completed per the Contract Documents and that all service connections have been re-instated, as required. CCTV inspection shall be performed in accordance with 306-1.4.8, "Televising Sewer Mains, Sewer Laterals and Storm Drains."

500-1.1.9 Measurement and Payment. To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

1st and 2nd paragraphs, DELETE in their entirety and SUBSTITUTE with the following:

Unless otherwise noted, no separate compensation will be paid for testing; the testing costs shall be included in the price per linear foot of pipe rehabilitation.

The unit price for rehabilitating the sewer main in the manner described shall be for the length of the liner installed in the field and shall be measured between the manholes from the wall, next to the insertion invert, to the invert wall of the downstream manhole, unless the Contractor lines thru the manhole at the City's request. Payment for the liner shall also include the cost of end seals and the reestablishment of active service connections by a remote control device per section 500-1.4.7, "Service Connections and End Seal." Television inspection after rehabilitation shall be performed in accordance with 306-1.4.8, "Televising Sewer Mains, Sewer Laterals and Storm Drains". As-built information and all other relevant submittals shall be considered incidental to the Project for payment purposes

The Contractor shall be responsible for making adequate and suitable arrangements for any bypass pumping that may become necessary to prevent any backflow onto private or public property, between the time the liner is inserted, and the service re-connections have been made, tested, and

approved by the City. Unless provided for, bypass pumping shall be incidental to the cost of the sewer rehabilitation.

500-1.1.10 Sewer Main Rehab Identification. To the City Supplement, 1st sentence, DELETE in its entirety and SUBSTITUTE with the following:

Whenever pipe(s) is(are) lined upstream, downstream, or both, a 3” x 8” reflective yellow delineator as manufactured by 3M Scotchlite Brand 3200 Series or approved equal shall be mounted on the manhole walls, above the inlet and outlet which were lined, and 36” below the manhole cover as part of the Work.

500-1.13.6 Installation and Field Inspection. To the City Supplement, 2nd paragraph, DELETE in its entirety and SUBSTITUTE with the following:

The existing pipeline shall be cleaned of any obstructions and televised in accordance with 500-1.1.4, “Cleaning and Preliminary Inspection” and 306-1.4.8, “Televising Sewer Mains, Sewer Laterals and Storm Drains”. Existing live service connections shall be precisely located longitudinally, radially and in accordance with 500-1.1.7(a), “Miscellaneous” and 500-1.4.7, “Service Connections” and logged for subsequent reinstatement following insertion of the PVC strip pipe liner.

500-1.13.9 Material Testing. To the City Supplement, DELETE the last sentence in its entirety.

ADD: PART 8 – ENVIRONMENTAL WORKS

SECTION 804 – SEWAGE SPILL PREVENTION

To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

804-1 GENERAL. The Contractor shall observe and comply with the City’s policy of zero spills. **The Contractor shall be liable for all damages and fines associated with sewage spills caused by improper support or damage to the existing sewer facilities.**

The Contractor shall designate a person responsible for the development and enforcement of the Sewage Spill Response Plan, and for ensuring sewer spills are minimized to the maximum extent possible. The Contractor shall provide a status of all bypass related work at biweekly progress meetings as requested by the City.

804-2 SEWAGE SPILL PREVENTION AND RESPONSE PLAN. Prior to the start of construction, the Contractor shall develop and submit to the Engineer, for review and approval, a written Sewage Spill Prevention and Response Plan. The plan shall include sewage spill response plan, spill containment and cleanup plan, staging area, and sewage bypass and pumping plan.

The Sewage Spill Prevention and Response Plan shall be developed to respond to any construction related sewage spill(s). The plan shall include:

- a) Identifying all nearby environmentally-sensitive areas such as waterways, channels, catch basins and entrances to existing underground storm drains.
- b) Making arrangements for an emergency response unit, stationed at or near the Site, comprised of emergency response equipment and trained personnel to be immediately dispatched in the event of a sewage spill(s). This includes field biologists, archaeologists, or both if in an environmentally-sensitive area such as a canyon.
- c) Developing an emergency notification procedure that includes an emergency response team with telephone numbers and arrangements for backup personnel and equipment. The emergency response unit shall be able to dispatch to the Site 24 hours a day 7 days a week including weekends and holidays. The Contractor shall designate primary and secondary

representatives, their respective phone numbers, pager numbers, and mobile phone numbers. These Contractor's representatives shall be accessible and available at all times to respond immediately to any sewer spill event.

- d) Identifying any property owners who may be affected e.g., the City Park and Recreation Department.

At the pre-construction meeting the Contractor will be provided with a list of the City representatives to contact in case of sewage spill(s). In case of a sewage spill(s), the Contractor shall immediately call the Sewage Spill Hotline number at (619) 527-5481 and shall act immediately without instructions from the City, to control the spill and take all appropriate steps to contain it in accordance with the Sewage Spill Prevention and Response Plan and 804-2.1, "Sewage Bypass and Pumping Plan." The Contractor shall immediately notify the City representatives of the spill and shall report Project name, location, Contractor name, Project Engineer, and Engineer names.

The Contractor shall, within 3 Working Days from the occurrence of the spill, submit to the Engineer a written report describing the following information related to the spill: the location; the nature and estimated volume; the date and time; the duration; the cause; the type of remedial and/or clean up measures taken (including erosion control measures) and the date and time of implementation; the corrective and/or preventive actions taken to avoid further spills; equipment used in spill response; and the environmentally-sensitive habitat such as a water body, if any, impacted and results of any necessary monitoring. The Contractor shall provide a list of who from the City was notified, date and time of notification, date and time the Contractor was notified of the spill, date and time the Contractor arrived on Site.

The Engineer may institute further corrective actions, as deemed necessary, to fully comply with existing laws, ordinances, codes, order or other pertinent regulations. In addition to any penalties provided by federal, state, and local laws, the Contractor shall be responsible for all costs incurred for the corrective actions including mitigation measures (habitat restoration, etc.) and obtaining after-the-fact permits if necessary, in environmentally sensitive areas. These permits include but are not limited to those from the City Planning Department Development Services, California Coastal Commission, U.S. Army Corps of Engineers and the California Department of Fish and Game.

It shall be the Contractor's responsibility to assure that all field forces, including Subcontractors, know and obey all safety and emergency procedures, including the Sewage Spill Prevention and Response Plan applicable to the work, to be maintained and followed at the Site. If in an environmentally sensitive area, such as canyon, stream, or lagoon, impacts shall be minimized. Crews shall be aware at the start of the job of any sensitive environmental habitats, breeding season restrictions, etc.

The Contractor shall prevent spills when working on sewer lines, such as when making temporary connection, when connecting new lines into the sewer system, ensuring no laterals are connected to mains being abandoned, ensuring diversions are appropriately installed, and diversions are completely removed when finished so there are no blockages. The Contractor shall not trap debris and discharge rock or debris downstream. Avoidance of streams is paramount unless authorized via permits.

The Contractor shall defend, indemnify, protect, and hold harmless the City, its agents, officers, and employees, from and against all claims asserted, or liability established for damages or injuries to any person or property resulting from any sewage spill caused or claimed to be caused by the Contractor's action or failure to take measures to prevent a spill. **The Contractor shall be responsible for payment of any fines assessed against the City for such sewage spills.** The Contractor's duty to indemnify and hold harmless shall not include any claims or liability arising from the established active or sole negligence or willful misconduct of the City, its agents, officers or employees.

The Contractor shall obtain and maintain an additional insurance coverage for Pollution Liability with its limits and requirements as set forth in 7-3.5.3, “Contractors Pollution Liability Insurance Endorsements.” The limits and requirements for Pollution Liability shall be in an amount sufficient to cover potential losses from sudden and accidental pollution. Unless otherwise provided for in the Bid Proposal, all costs associated with the requirements for Sewage Spill Prevention and Response Plan, including additional insurance, shall be included in the prices for other related Bid items.

804-2.1 Sewage Bypass and Pumping Plan. The Contractor shall submit to the Engineer for approval, a Sewage Bypass and Pumping Plan at least 15 Working Days prior to implementation of flow diversion in compliance with the City’s policy of “ZERO SPILLS.” The Sewage Bypass and Pumping Plan shall indicate the sequence of diversion operations, all other operations the Contractor will establish to maintain wastewater service during the construction period, and a quality assurance and quality control plan for the diversion Work. The Sewage Bypass and Pumping Plan shall include an emergency response plan indicating the procedures, equipment, and activities that will be implemented in the event of an emergency shutdown or failure of the flow diversion equipment used for construction. The Contractor shall be responsible for implementation of the emergency plan in accordance with 804-2 “Sewage Spill Prevention and Response Plan”.

The Contractor’s Sewage Bypass and Pumping Plan shall be reviewed and approved by the Wastewater Collection Division of the City before flow can be diverted. No deviation from the approved Sewage Bypass and Pumping Plan will be allowed without prior approval from the Engineer.

The Contractor shall observe and comply with all Federal, State, and local laws, ordinances, codes, orders, and regulations which in any manner affect the conduct of the work, specifically as it relates to sewage spills. The Contractor shall be fully responsible for preventing sewage spill(s), containing any sewage spill(s), recovery and legal disposal of any spilled sewage, any fines, penalties, claims and liability arising from negligently causing a sewage spill(s), and any violation of any law, ordinance, code, order, or regulation as a result of the spill(s).

The Contractor shall exercise care not to damage existing public and private improvements, interrupt existing services or facility operations which may cause a sewage spill(s). Any reasonably anticipated utility or improvement which is damaged by the Contractor shall be immediately repaired at the expense of the Contractor. In the event that the Contractor damages an existing utility or interrupts an existing service, which causes a sewage spill(s), the Contractor shall immediately call the emergency number at (619) 515-3525.

The Contractor shall exercise care not to damage any sensitive habitats or historic resources unless authorized via the discretionary permit and Mitigation, Monitoring and Reporting Program approved by the City.

The Contractor shall provide all facilities, labor, power, and appurtenances necessary to divert wastewater flows as necessary to allow proper installation of the pipeline and/or manhole linings.

The Contractor shall submit as part of their Sewage Bypass and Pumping Plan their monitoring procedure and frequency and shall continuously monitor the flow levels downstream and upstream of the flow diversion to detect any possible failure that may cause a sewage backup and spill(s). The Contractor shall maintain a log of the monitoring and provide daily copies to the Engineer in a manner acceptable to the Engineer.

The Contractor shall inspect and maintain the diversion system daily, including the back-up system. The Contractor shall submit with their Sewage Bypass and Pumping Plan their maintenance procedures and frequency. The Contractor shall maintain a log of all inspection, maintenance and repair records, and provide copies to the Engineer upon request in a manner acceptable to the Engineer.

The Contractor shall size the flow diversion system to handle the peak flow and shall include a 100% backup in the flow diversion system. The Contractor shall provide temporary means to maintain and handle the sewage flow in the existing system as required to complete the necessary construction. The Contractor shall utilize the flow diversion system to mitigate any additional wet weather flows, perform the necessary maintenance and repairs on the flow diversion system, and exercise and ensure the operation of the backup system. Each pump, including the backup pumps, shall be a complete unit with its own suction and discharge piping. The Contractor shall operate the backup flow diversion system for a minimum of 25% of the total diversion time on a weekly basis. The backup flow diversion system shall be fully installed, operational, and ready for immediate use. The diversion system shall be hydraulically tested with clean water prior to wastewater flow diversion. The Contractor shall demonstrate to the satisfaction of the Engineer that both the primary and backup flow diversion systems are fully functional and adequate, and shall certify the same, in writing, to the Engineer in a manner acceptable to the Engineer.

The Contractor shall provide one dedicated fuel tank for every single pump or generator, if fuel or generator driven pumps are used. The Contractor shall provide an emergency standby power generator, if electric power driven pumps are used. The Contractor shall provide a fuel level indicator outside each fuel tank. The Contractor shall continuously (while in use) monitor the fuel level in the tanks and ensure that the fuel level does not drop below a level equivalent of two hours of continuous flow diversion system operation. The Contractor shall take the necessary measures to ensure the fuel supply is protected against contamination. This includes but is not limited to fuel line water traps, fuel line filters, and protecting fuel stores from precipitation. The Contractor shall monitor all hoses and repair leaks immediately.

804-2.2 Payment Unless a Bid item has been provided, full compensation for the Sewage Bypass and Pumping Plan, its implementation e.g., labor, facilities, equipments, power, appurtenances and incidental, shall be included in the payment for sewer main.

SECTION 807 – RESOURCE DISCOVERIES

ADD: 807-1.1 Environmental Document. The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared **Environmental Exemption for Pipeline Rehabilitation R-1**, as referenced in the Contract Appendix A. The Contractor shall comply with all requirements of the **Environmental Exemption** as set forth in Contract Appendix A.

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

APPENDIX A

Notice of Exemption

NOTICE OF EXEMPTION

(Check one or both)

TO: X RECORDER/COUNTY CLERK
P.O. Box 1750, MS A-33
1600 PACIFIC HWY, ROOM 260
SAN DIEGO, CA 92101-2422

FROM: CITY OF SAN DIEGO
DEVELOPMENT SERVICES DEPARTMENT
1222 FIRST AVENUE, MS 501
SAN DIEGO, CA 92101

OFFICE OF PLANNING AND RESEARCH
1400 TENTH STREET, ROOM 121
SACRAMENTO, CA 95814

PROJECT NO.: WBS #B-11062

PROJECT TITLE: SEWER PIPELINE REHABILITATION PHASE R - 1

PROJECT LOCATION-SPECIFIC: The work will be located in following streets within City Council District 8 in the Otay-Nestor Community Planning Area: Conifer Av, Hollister St, Citrus Av, Palm Av, Elm Av, Harris Av, Cunard St, 27th St, Barbours Dr, Caulfield Dr, Dearborn Dr, Garland Dr, Coronado Av, Lindbergh St, Chanute St, Doolittle Av, Byrd St, Cochran Av, Piccard Av, Maitland Av, Mather Av, Norstad Av, Grissom St, Powderhorn Dr, Givens St, Goodbody St, Schirra St, Twining Av, Enero St, Ilexey Av, Serrena Ln, Murrieta Cr, Colman Av, Ralph Wy, Rene Dr, Joshua Pl, Debbyann Pl, Arey Dr, Darwin Pl, Bateman Av, Darwin Av, Peterlynn Dr, Madden Av and Kimsue Wy.

PROJECT LOCATION-CITY/COUNTY: San Diego/San Diego

DESCRIPTION OF NATURE AND PURPOSE OF THE PROJECT: The project proposes to rehabilitate approximately 7.23 miles of existing sewer pipelines located within the City's right-of-way and within three City-owned easements using trenchless technology, installation of 23 new cleanouts, replacement of one cleanout, rehabilitation of nine manholes, replacement of seven manholes, and 15 point repair locations. Two trenchless methods of sewer main rehabilitation may be used for this project. Both methods would require access from either two manholes or a manhole and cleanout for each pipe segment. The first method is cured-in-place pipe liner, which would require pulling the liner through the sewer main, curing it using hot water or steam, and cutting it at both manholes. The second method would use ribloc (spiral) liner, which would be pulled through the sewer main as plastic strips and then formed to the pipe to create a new pipeline liner within the existing pipe. Installation and replacement of new and existing manholes would require excavation of a 5'0" W x 5'0" L wide area and a 3'0" W x 3'0" L wide area for cleanouts extending from the ground surface to the depth of the existing sewer pipeline. Internal and/or external point repairs would be required to repair portions of pipe with offset joints, sags and/or intruding laterals. Internal point repairs would involve similar trenchless methods as rehabilitation, and would be contained solely within the existing pipe. External point repairs would require excavation of a maximum 10'0" L x 3'0" W wide area extending from the ground surface to the depth of the existing pipeline. Excavation of point repair areas would occur within the alignment of the existing pipeline. All trenching activities would occur within previously disturbed soils within urbanized areas.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: City of San Diego, Public Works - Engineering & Capital Projects/Liborio Ruiz
600 B Street, Suite 800 (MS 908A)
San Diego, CA 92101
Phone: (619) 533-5229

EXEMPT STATUS: (CHECK ONE)

- () MINISTERIAL (SEC. 21080(b)(1); 15268);
() DECLARED EMERGENCY (SEC. 21080(b)(3); 15269(a));
() EMERGENCY PROJECT (SEC. 21080(b)(4); 15269 (b)(c))
(X) CATEGORICAL EXEMPTION: 15301(a) (EXISTING FACILITIES); 15302 (c)(REPLACEMENT OR RECONSTRUCTION); AND 15303 (NEW CONSTRUCTION OR CONVERSION OF SMALL FACILITIES)
() STATUTORY EXEMPTIONS:

REASONS WHY PROJECT IS EXEMPT: The improvements noted above involve trenchless repair or work over existing pipelines via excavation to expose an existing damaged sewer line for the purpose of rehabilitation to damaged sewer facilities or to install MHs/cleanouts where they are needed. This action will not result in impacts to sensitive biological, archaeological and/or paleontological resources since areas where work would occur is identified as 'non-sensitive', and all work primarily would occur within previously disturbed and existing trench. Furthermore, the project meets the criteria set forth in CEQA Section 15301, 15302 and 15303, which allows for restoration or rehabilitation of deteriorated or damaged structures to meet current standards of public health and safety, replacement or reconstruction of existing utility systems involving negligible or no expansion of capacity, construction of new structures, and where the exceptions listed in CEQA Section 15300.2 would not apply.

LEAD AGENCY CONTACT PERSON: MYRA HERRMANN

TELEPHONE: (619) 446-5372

FILED
Myra J. Dronenburg, Jr., Recorder County Cler

IF FILED BY APPLICANT:

- 1. ATTACH CERTIFIED DOCUMENT OF EXEMPTION FINDING.
2. HAS A NOTICE OF EXEMPTION BEEN FILED BY THE PUBLIC AGENCY APPROVING THE PROJECT?
() YES () NO

NOV 18 2011

BY L. Kesia DEPUTY

IT IS HEREBY CERTIFIED THAT THE CITY OF SAN DIEGO HAS DETERMINED THE ABOVE ACTIVITY TO BE EXEMPT FROM CEQA

Signature/Title: [Handwritten Signature] / ASSOCIATE PLANNER

DATE: 11/3/2011

CHECK ONE:
(X) SIGNED BY LEAD AGENCY

DATE RECEIVED FOR FILING WITH COUNTY CLERK OR OPR:

FILED IN THE OFFICE OF THE COUNTY CLERK
San Diego County on NOV 18 2011
Posted NOV 18 2011 Removed _____
Returned to agency on _____
Deputy L. Kesian



State of California—The Resources Agency
DEPARTMENT OF FISH AND GAME

2011 ENVIRONMENTAL FILING FEE CASH RECEIPT

RECEIPT# SD2011 0998
STATE CLEARING HOUSE # (if applicable) ---

SEE INSTRUCTIONS ON REVERSE. TYPE OR PRINT CLEARLY

LEAD AGENCY CITY OF SAN DIEGO		DATE 11/18/2011
COUNTY/STATE AGENCY OF FILING SAN DIEGO		DOCUMENT NUMBER *20110998*
PROJECT TITLE SEWER PIPELINE REHABILITATION PHASE R-1		
PROJECT APPLICANT NAME CITY OF SAN DIEGO - PUBLIC WORKS - ENGINEERING & CAPITAL PROJECTS/ LIBORIO RUIZ		PHONE NUMBER 619-533-5229
PROJECT APPLICANT ADDRESS 600 B STREET, SUITE 800 (MS 908A)	CITY SAN DIEGO	STATE CA
		ZIP CODE 92101
PROJECT APPLICANT (Check appropriate box): <input checked="" type="checkbox"/> Local Public Agency <input type="checkbox"/> School District <input type="checkbox"/> Other Special District <input type="checkbox"/> State Agency <input type="checkbox"/> Private Entity		

CHECK APPLICABLE FEES:

<input type="checkbox"/> Environmental Impact Report	\$2,839.25	\$ _____
<input type="checkbox"/> Negative Declaration	\$2,044.00	\$ _____
<input type="checkbox"/> Application Fee Water Diversion (State Water Resources Control Board Only)	\$850.00	\$ _____
<input type="checkbox"/> Projects Subject to Certified Regulatory Programs	\$965.50	\$ _____
<input checked="" type="checkbox"/> County Administrative Fee	\$50.00	\$ <u>50.00</u>
<input type="checkbox"/> Project that is exempt from fees		
<input checked="" type="checkbox"/> Notice of Exemption		
<input type="checkbox"/> DFG No Effect Determination (Form Attached)		
<input type="checkbox"/> Other _____		\$ _____

PAYMENT METHOD:

Cash
 Credit
 Check
 Other 1154930

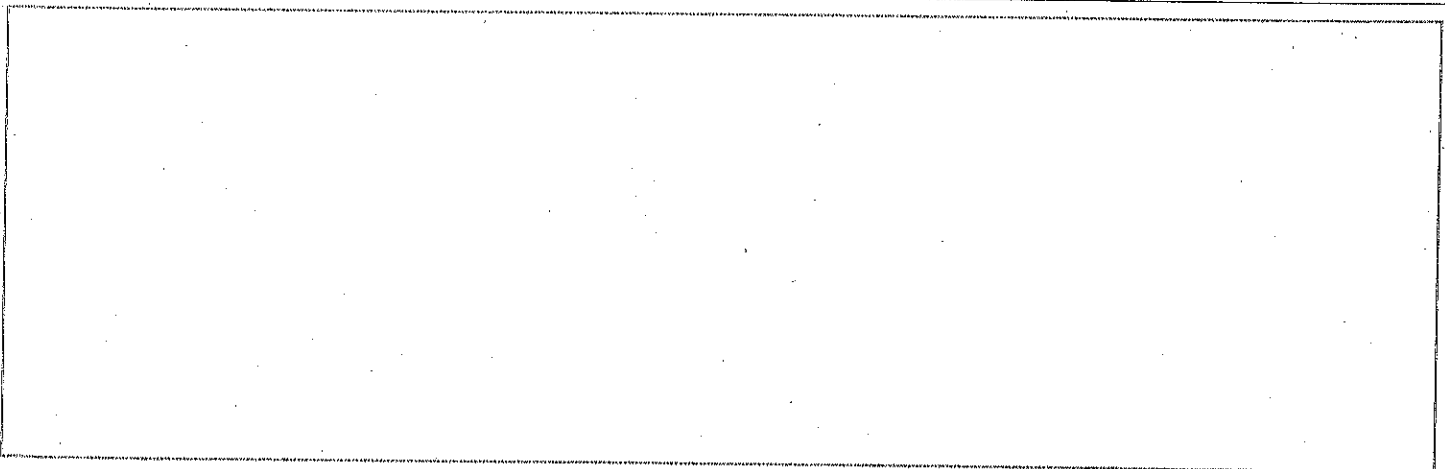
TOTAL RECEIVED \$ 50.00

SIGNATURE

X L. Kesian

TITLE

Deputy





Ernest J. Dronenburg, Jr.

COUNTY OF SAN DIEGO ASSESSOR/RECORDER/COUNTY CLERK



ASSESSOR'S OFFICE

1600 Pacific Highway, Suite 103
San Diego, CA 92101-2480
Tel. (619) 236-3771 * Fax (619) 557-4056

www.sdarcc.com

RECORDER/COUNTY CLERK'S OFFICE

1600 Pacific Highway, Suite 260
P.O. Box 121750 * San Diego, CA 92112-1750
Tel. (619) 237-0502 * Fax (619) 557-4155

Transaction #: 260805220111118

Deputy: LKESIAN

Location: COUNTY ADMINISTRATION BUILDING

18-Nov-2011 14:11

FEES:

50.00 Qty of 1 Fee Notice of Exemption for Ref# #998

50.00 TOTAL DUE

PAYMENTS:

50.00 Check

50.00 TENDERED

SERVICES AVAILABLE AT OFFICE LOCATIONS

- * Tax Bill Address Changes
- * Records and Certified Copies:
Birth/ Marriage/ Death/ Real Estate
- * Fictitious Business Names (DBAs)
- * Marriage Licenses and Ceremonies
- * Assessor Parcel Maps
- * Property Ownership
- * Property Records
- * Property Values
- * Document Recordings

SERVICES AVAILABLE ON-LINE AT www.sdarcc.com

- * Forms and Applications
- * Frequently Asked Questions (FAQs)
- * Grantor/ Grantee Index
- * Fictitious Business Names Index (DBAs)
- * Property Sales
- * On-Line Purchases
Assessor Parcel Maps
Property Characteristics
Recorded Documents

APPENDIX B

Fire Hydrant Meter Program

CITY OF SAN DIEGO CALIFORNIA DEPARTMENT INSTRUCTIONS	NUMBER DI 55.27	DEPARTMENT Water Department
SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 1 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

1. **PURPOSE**

- 1.1 To establish a Departmental policy and procedure for issuance, proper usage and charges for fire hydrant meters.

2. **AUTHORITY**

- 2.1 All authorities and references shall be current versions and revisions.
- 2.2 San Diego Municipal Code (NC) Chapter VI, Article 7, Sections 67.14 and 67.15
- 2.3 Code of Federal Regulations, Safe Drinking Water Act of 1986
- 2.4 California Code of Regulations, Titles 17 and 22
- 2.5 California State Penal Code, Section 498B.0
- 2.6 State of California Water Code, Section 110, 500-6, and 520-23
- 2.7 Water Department Director

Reference

- 2.8 State of California Guidance Manual for Cross Connection Programs
- 2.9 American Water Works Association Manual M-14, Recommended Practice for Backflow Prevention
- 2.10 American Water Works Association Standards for Water Meters
- 2.11 U.S.C. Foundation for Cross Connection Control and Hydraulic Research Manual

3. **DEFINITIONS**

- 3.1 **Fire Hydrant Meter:** A portable water meter which is connected to a fire hydrant for the purpose of temporary use. (These meters are sometimes referred to as Construction Meters.)

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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 2 OF 10	EFFECTIVE DATE October 15, 2002
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- 3.2 **Temporary Water Use:** Water provided to the customer for no longer than twelve (12) months.
- 3.3 **Backflow Preventor:** A Reduced Pressure Principal Assembly connected to the outlet side of a Fire Hydrant Meter.

4. **POLICY**

- 4.1 The Water Department shall collect a deposit from every customer requiring a fire hydrant meter and appurtenances prior to providing the meter and appurtenances (see Section 7.1 regarding the Fees and Deposit Schedule). The deposit is refundable upon the termination of use and return of equipment and appurtenances in good working condition.
- 4.2 Fire hydrant meters will have a 2 ½" swivel connection between the meter and fire hydrant. The meter shall not be connected to the 4" port on the hydrant. All Fire Hydrant Meters issued shall have a Reduced Pressure Principle Assembly (RP) as part of the installation. Spanner wrenches are the only tool allowed to turn on water at the fire hydrant.
- 4.3 The use of private hydrant meters on City hydrants is prohibited, with exceptions as noted below. All private fire hydrant meters are to be phased out of the City of San Diego. All customers who wish to continue to use their own fire hydrant meters must adhere to the following conditions:
 - a. Meters shall meet all City specifications and American Water Works Association (AWWA) standards.
 - b. Customers currently using private fire hydrant meters in the City of San Diego water system will be allowed to continue using the meter under the following conditions:
 - 1. The customer must submit a current certificate of accuracy and calibration results for private meters and private backflows annually to the City of San Diego, Water Department, Meter Shop.

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2. The meter must be properly identifiable with a clearly labeled serial number on the body of the fire hydrant meter. The serial number shall be plainly stamped on the register lid and the main casing. Serial numbers shall be visible from the top of the meter casing and the numbers shall be stamped on the top of the inlet casing flange.
3. All meters shall be locked to the fire hydrant by the Water Department, Meter Section (see Section 4.7).
4. All meters shall be read by the Water Department, Meter Section (see Section 4.7).
5. All meters shall be relocated by the Water Department, Meter Section (see Section 4.7).
6. These meters shall be tested on the anniversary of the original test date and proof of testing will be submitted to the Water Department, Meter Shop, on a yearly basis. If not tested, the meter will not be allowed for use in the City of San Diego.
7. All private fire hydrant meters shall have backflow devices attached when installed.
8. The customer must maintain and repair their own private meters and private backflows.
9. The customer must provide current test and calibration results to the Water Department, Meter Shop after any repairs.
10. When private meters are damaged beyond repair, these private meters will be replaced by City owned fire hydrant meters.

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11. When a private meter malfunctions, the customer will be notified and the meter will be removed by the City and returned to the customer for repairs. Testing and calibration results shall be given to the City prior to any re-installation.
 12. The register shall be hermetically sealed straight reading and shall be readable from the inlet side. Registration shall be in hundred cubic feet.
 13. The outlet shall have a 2 ½ "National Standards Tested (NST) fire hydrant male coupling.
 14. Private fire hydrant meters shall not be transferable from one contracting company to another (i.e. if a company goes out of business or is bought out by another company).
- 4.4 All fire hydrant meters and appurtenances shall be installed, relocated and removed by the City of San Diego, Water Department. All City owned fire hydrant meters and appurtenances shall be maintained by the City of San Diego, Water Department, Meter Services.
- 4.5 If any fire hydrant meter is used in violation of this Department Instruction, the violation will be reported to the Code Compliance Section for investigation and appropriate action. Any customer using a fire hydrant meter in violation of the requirements set forth above is subject to fines or penalties pursuant to the Municipal Code, Section 67.15 and Section 67.37.
- 4.6 **Conditions and Processes for Issuance of a Fire Hydrant Meter**
- Process for Issuance
- a. Fire hydrant meters shall only be used for the following purposes:
 1. Temporary irrigation purposes not to exceed one year.

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2. Construction and maintenance related activities (see Tab 2).
 - b. No customer inside or outside the boundaries of the City of San Diego Water Department shall resell any portion of the water delivered through a fire hydrant by the City of San Diego Water Department.
 - c. The City of San Diego allows for the issuance of a temporary fire hydrant meter for a period not to exceed 12 months (365 days). An extension can only be granted in writing from the Water Department Director for up to 90 additional days. A written request for an extension by the consumer must be submitted at least 30 days prior to the 12 month period ending. No extension shall be granted to any customer with a delinquent account with the Water Department. No further extensions shall be granted.
 - d. Any customer requesting the issuance of a fire hydrant meter shall file an application with the Meter Section. The customer must complete a "Fire Hydrant Meter Application" (Tab 1) which includes the name of the company, the party responsible for payment, Social Security number and/or California ID, requested location of the meter (a detailed map signifying an exact location), local contact person, local phone number, a contractor's license (or a business license), description of specific water use, duration of use at the site and full name and address of the person responsible for payment.
 - e. At the time of the application the customer will pay their fees according to the schedule set forth in the Rate Book of Fees and Charges, located in the City Clerk's Office. All fees must be paid by check, money order or cashiers check, made payable to the City Treasurer. Cash will not be accepted.
 - f. No fire hydrant meters shall be furnished or relocated for any customer with a delinquent account with the Water Department.
 - g. After the fees have been paid and an account has been created, the

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meter shall be installed within 48 hours (by the second business day). For an additional fee, at overtime rates, meters can be installed within 24 hours (within one business day).

4.7 Relocation of Existing Fire Hydrant Meters

- a. The customer shall call the Fire Hydrant Meter Hotline (herein referred to as "Hotline"), a minimum of 24 hours in advance, to request the relocation of a meter. A fee will be charged to the existing account, which must be current before a work order is generated for the meter's relocation.
- b. The customer will supply in writing the address where the meter is to be relocated (map page, cross street, etc). The customer must update the original Fire Hydrant Meter Application with any changes as it applies to the new location.
- c. Fire hydrant meters shall be read on a monthly basis. While fire hydrant meters and backflow devices are in service, commodity, base fee and damage charges, if applicable, will be billed to the customer on a monthly basis. If the account becomes delinquent, the meter will be removed.

4.8 Disconnection of Fire Hydrant Meter

- a. After ten (10) months a "Notice of Discontinuation of Service" (Tab 3) will be issued to the site and the address of record to notify the customer of the date of discontinuance of service. An extension can only be granted in writing from the Water Department Director for up to 90 additional days (as stated in Section 4.6C) and a copy of the extension shall be forwarded to the Meter Shop Supervisor. If an extension has not been approved, the meter will be removed after twelve (12) months of use.
- b. Upon completion of the project the customer will notify the Meter Services office via the Hotline to request the removal of the fire hydrant meter and appurtenances. A work order will be generated

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for removal of the meter.

- c. Meter Section staff will remove the meter and backflow prevention assembly and return it to the Meter Shop. Once returned to the Meter Shop the meter and backflow will be tested for accuracy and functionality.
- d. Meter Section Staff will contact and notify Customer Services of the final read and any charges resulting from damages to the meter and backflow or its appurtenance. These charges will be added on the customer's final bill and will be sent to the address of record. Any customer who has an outstanding balance will not receive additional meters.
- e. Outstanding balances due may be deducted from deposits and any balances refunded to the customer. Any outstanding balances will be turned over to the City Treasurer for collection. Outstanding balances may also be transferred to any other existing accounts.

5. **EXCEPTIONS**

- 5.1 Any request for exceptions to this policy shall be presented, in writing, to the Customer Support Deputy Director, or his/her designee for consideration.

6. **MOBILE METER**

- 6.1 Mobile meters will be allowed on a case by case basis. All mobile meters will be protected by an approved backflow assembly and the minimum requirement will be a Reduced Pressure Principal Assembly. The two types of Mobile Meters are vehicle mounted and floating meters. Each style of meters has separate guidelines that shall be followed for the customer to retain service and are described below:

- a) **Vehicle Mounted Meters:** Customer applies for and receives a City owned Fire Hydrant Meter from the Meter Shop. The customer mounts the meter on the vehicle and brings it to the Meter Shop for

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inspection. After installation is approved by the Meter Shop the vehicle and meter shall be brought to the Meter Shop on a monthly basis for meter reading and on a quarterly basis for testing of the backflow assembly. Meters mounted at the owner's expense shall have the one year contract expiration waived and shall have meter or backflow changed if either fails.

- b) **Floating Meters:** Floating Meters are meters that are not mounted to a vehicle. **(Note: All floating meters shall have an approved backflow assembly attached.)** The customer shall submit an application and a letter explaining the need for a floating meter to the Meter Shop. The Fire Hydrant Meter Administrator, after a thorough review of the needs of the customer, (i.e. number of jobsites per day, City contract work, lack of mounting area on work vehicle, etc.), may issue a floating meter. At the time of issue, it will be necessary for the customer to complete and sign the "Floating Fire Hydrant Meter Agreement" which states the following:

- 1) The meter will be brought to the Meter Shop at 2797 Caminito Chollas, San Diego on the third week of each month for the monthly read by Meter Shop personnel.
- 2) Every other month the meter will be read and the backflow will be tested. This date will be determined by the start date of the agreement.

If any of the conditions stated above are not met the Meter Shop has the right to cancel the contract for floating meter use and close the account associated with the meter. The Meter Shop will also exercise the right to refuse the issuance of another floating meter to the company in question.

Any Fire Hydrant Meter using reclaimed water shall not be allowed use again with any potable water supply. The customer shall incur the cost of replacing the meter and backflow device in this instance.

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7. FEE AND DEPOSIT SCHEDULES

- 7.1 **Fees and Deposit Schedules:** The fees and deposits, as listed in the Rate Book of Fees and Charges, on file with the Office of the City Clerk, are based on actual reimbursement of costs of services performed, equipment and materials. These deposits and fees will be amended, as needed, based on actual costs. Deposits, will be refunded at the end of the use of the fire hydrant meter, upon return of equipment in good working condition and all outstanding balances on account are paid. Deposits can also be used to cover outstanding balances.

All fees for equipment, installation, testing, relocation and other costs related to this program are subject to change without prior notification. The Mayor and Council will be notified of any future changes.

8. UNAUTHORIZED USE OF WATER FROM A HYDRANT

- 8.1 Use of water from any fire hydrant without a properly issued and installed fire hydrant meter is theft of City property. Customers who use water for unauthorized purposes or without a City of San Diego issued meter will be prosecuted.
- 8.2 If any unauthorized connection, disconnection or relocation of a fire hydrant meter, or other connection device is made by anyone other than authorized Water Department personnel, the person making the connection will be prosecuted for a violation of San Diego Municipal Code, Section 67.15. In the case of a second offense, the customer's fire hydrant meter shall be confiscated and/or the deposit will be forfeited.
- 8.3 Unauthorized water use shall be billed to the responsible party. Water use charges shall be based on meter readings, or estimates when meter readings are not available.
- 8.4 In case of unauthorized water use, the customer shall be billed for all applicable charges as if proper authorization for the water use had been obtained, including but not limited to bi-monthly service charges, installation charges and removal charges.

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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 10 OF 10	EFFECTIVE DATE October 15, 2002
	SUPERSEDES DI 55.27	DATED April 21, 2000

- 8.5 If damage occurs to Water Department property (i.e. fire hydrant meter, backflow, various appurtenances), the cost of repairs or replacements will be charged to the customer of record (applicant).

Water Department Director

- Tabs: 1. Fire Hydrant Meter Application
2. Construction & Maintenance Related Activities With No Return To Sewer
3. Notice of Discontinuation of Service

APPENDIX

Administering Division: Customer Support Division

Subject Index: Construction Meters
Fire Hydrant
Fire Hydrant Meter Program
Meters, Floating or Vehicle Mounted
Mobile Meter
Program, Fire Hydrant Meter

Distribution: DI Manual Holders



Application For Fire Hydrant Meter

(EXHIBIT A)

For Office Use Only

2797 Caminito Chollas • San Diego, California 92105-5097
METER SHOP 619 527 7449
FAX 619 527 3125

NS Req:	Fac #:
Date:	By:

Application Date:	Requested Install Date:
-------------------	-------------------------

Fire Hydrant Location: (Attach detailed map, Thomas Bros. map location or construction drawing.)

Specific Use of Water:

Any return to Sewer or Storm Drain, if so, explain:

Estimated Duration of Meter Use: Check Box if Reclaimed Water

Company Information

Company Name:

Mailing Address:

City: State: Zip Code: Phone: ()

*Business License #: *Contractor License #:

*A copy of the Contractor's License and/or Business License is required at the time of meter issuance.

Name and Title of Agent: Phone: ()

Site Contact Name and Title: Phone: ()

Pager #: Cell: ()

Responsible Party Name: Title:

Social Security or Cal ID #: Phone: ()

Signature: Date:

Guarantees payment of all charges resulting from the use of this meter. Insures that employees of this organization understand the proper use of Fire Hydrant Meter.

Fire Hydrant Meter Removal Request

Check Box to Request Removal of Above Meter Requested Removal Date:

Provide current Meter location if different from above:

Signature: Title: Date:

Phone: () Pager: ()

For Office Use Only

<input type="checkbox"/> City Meter	<input type="checkbox"/> Private Meter		
CIS Account #:	Deposit Amount: \$	Fees Amount: \$	
Meter Serial #:	Meter Size:	Meter Make & Style:	
Backflow #:	Backflow Size:	Meter Make & Style:	
Name:	Signature:	Date:	

\$1,108.45 - FOR 24 HR INSTALLATION
 \$1,052.26 - FOR 48 HR INSTALLATION

FHM App Created: 11/2/00-htp

"Exhibit B"

CONSTRUCTION AND MAINTENANCE RELATED ACTIVITIES WITH NO RETURN TO SEWER:

**Auto Detailing
Backfilling
Combination Cleaners (Vactors)
Compaction
Concrete Cutters
Construction Trailers
Cross Connection Testing
Dust Control
Flushing Water Mains
Hydro blasting
Hydro Seeding
Irrigation (for establishing irrigation only; not continuing irrigation)
Mixing Concrete
Mobile Car Washing
Special Events
Street Sweeping
Water Tanks
Water Trucks
Window Washing**

Note: If there is any return to sewer or storm drain, then sewer and/or storm drain fees will be charged.

"Exhibit C"

Date

Name of Responsible Party
Company Name and address
Account Number: _____

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

The authorization for use of Fire Hydrant Meter # _____ located at (Meter location address) ends in 60 days and will be removed on or after (Date authorization expires). Extension requests for an additional 90 days must be submitted in writing for consideration 30 days prior to the discontinuation date. If you require an extension, please refer to the Water Departments', Department Instruction (D.I.) 55.27 for further information and procedure.

Mail your request for an extension to :

City of San Diego, Water Department
Attn: Meter Services
2797 Caminito Chollas
San Diego, Ca. 92105-5097

Should you have any questions regarding this matter, please call the Fire Hydrant "Hot Line" at: (xxx) xxx-xxx.

Sincerely,

City of San Diego Water Department



Fire Hydrant Meter Relocate/Removal Request

(EXHIBIT D)

For Office Use Only

NS Req:	FHM Fac #:
Date:	By:

Date:

Instruction: Complete pertinent information then FAX both form and map to (xxx) xxx-xxxx, mail, or hand-deliver to the City of San Diego, Water Department/Meter Shop at: 2707 Caminito Chollas San Diego, CA 92105

Meter Information

Billing Account #:	Requested Move Date:
Current Fire Hydrant Meter Location:	
New Meter Location: (Attach a detailed map, Thomas Bros map location or construction drawing.)	

Company Information

Company Name:			
Mailing Address			
City:	State:	Zip Code:	Phone: ()
Name and Title of Requestor:			Phone: ()
Site Contact Name and Title			Phone: ()
Pager #:			Cell: ()
Responsible Party Name authorizing relocation fee:			
Signature:	Title:	Date:	

Fire Hydrant Meter Removal Request

<input type="checkbox"/> Check Box to Request Removal of Above Meter	Requested Removal Date:	
Provide current Meter location if different from above:		
Signature:	Title:	Date:
Phone: ()	Pager: ()	

For Office Use Only

CIS Account #:	Fees Amount: \$		
Meter Serial #:	Size:	Make/Style	
Backflow #:	Size:	Make/Style	
Name:	Signature:	Date:	

FHM Relocate_Removal Form

FHM App Created: 11/2/00-htp

APPENDIX C

Materials Typically Accepted by Certificate of Compliance

Materials Typically Accepted by Certificate of Compliance

1. Soil amendment
2. Fiber mulch
3. PVC or PE pipe up to 16 inch diameter
4. Stabilizing emulsion
5. Lime
6. Preformed elastomeric joint seal
7. Plain and fabric reinforced elastomeric bearing pads
8. Steel reinforced elastomeric bearing pads
9. Waterstops (Special Condition)
10. Epoxy coated bar reinforcement
11. Plain and reinforcing steel
12. Structural steel
13. Structural timber and lumber
14. Treated timber and lumber
15. Lumber and timber
16. Aluminum pipe and aluminum pipe arch
17. Corrugated steel pipe and corrugated steel pipe arch
18. Structural metal plate pipe arches and pipe arches
19. Perforated steel pipe
20. Aluminum underdrain pipe
21. Aluminum or steel entrance tapers, pipe downdrains, reducers, coupling bands and slip joints
22. Metal target plates
23. Paint (traffic striping)
24. Conductors
25. Painting of electrical equipment
26. Electrical components
27. Engineering fabric
28. Portland Cement
29. PCC admixtures
30. Minor concrete, asphalt
31. Asphalt (oil)
32. Liquid asphalt emulsion
33. Epoxy

APPENDIX D

Sample City Invoice

City of San Diego, Field Engineering Div., 9485 Aero Drive, SD CA 92123						Contractor's Name:					
Project Name:						Contractor's Address:					
SAP No. (WBS/IO/CC)											
City Purchase Order No.						Contractor's Phone #:			Invoice No.		
Resident Engineer (RE):						Contractor's Fax #:			Invoice Date:		
RE Phone#:			RE Fax#:			Contact Name:			Billing Period:		
Item #	Item Description	Contract Authorization				Previous Estimate		This Estimate		Totals to Date	
		Unit	Qty	Price	Extension	%/QTY	Amount	% / QTY	Amount	% / QTY	Amount
1	2 Parallel 4" PVC C900	LF	1,380	\$34.00	\$46,920.00						
2	48" Primary Steel Casing	LF	500	\$1,000.00	\$500,000.00						
3	2 Parallel 12" Secondary Steel	LF	1,120	\$53.00	\$59,360.00						
4	Construction and Rehab of PS 49	LS	1	\$150,000.00	\$150,000.00						
5	Demo	LS	1	\$14,000.00	\$14,000.00						
6	Install 6' High Chain Link Fence	LS	1	\$5,600.00	\$5,600.00						
7	General Site Restoration	LS	1	\$3,700.00	\$3,700.00						
8	10" Gravity Sewer	LF	10	\$292.00	\$2,920.00						
9	4" Blow Off Valves	EA	2	\$9,800.00	\$19,600.00						
10	Bonds	LS	1	\$16,000.00	\$16,000.00						
11	Field Orders	AL	1	80,000	\$80,000.00						
11.1	Field Order 1	LS	5,500	\$1.00	\$5,500.00						
11.2	Field Order 2	LS	7,500	\$1.00	\$7,500.00						
11.3	Field Order 3	LS	10,000	\$1.00	\$10,000.00						
11.4	Field Order 4	LS	6,500	\$1.00	\$6,500.00						
12	Certified Payroll	LS	1	\$1,400.00	\$1,400.00						
CHANGE ORDERS											
Change Order 1			4,890								
Items 1-4					\$11,250.00						
Item 5-Deduct Bid Item 3		LF	120	-\$53.00	(\$6,360.00)						
Change Order 2			160,480								
Items 1-3					\$95,000.00						
Item 4 Deduct Bid Item 1		LF	380	-\$340.00	(\$12,920.00)						
Item 5-Encrease bid Item 9		LF	8	\$9,800.00	\$78,400.00						
Change Order 3 (Close Out)			-121,500								
Item 1 Deduct Bid Item 3			53	-500.00	(\$26,500.00)						
Item 2 Deduct Bid Item 4		LS	-1	45,000.00	(\$45,000.00)						
Items 3-9			1	-50,500.00	(\$50,500.00)						
SUMMARY								Total This	\$ -	Total Billed	\$0.00
A. Original Contract Amount						Retention and/or Escrow Payment Schedule					
B. Approved Change Order 1 Thru 3						Total Retention Required as of this billing					
C. Total Authorized Amount (A+B)						Previous Retention Withheld in PO or in Escrow					
D. Total Billed to Date						Add'l Amt to Withhold in PO/Transfer in Escrow:					
E. Less Total Retention (5% of D)						Amt to Release to Contractor from PO/Escrow:					
F. Less Total Previous Payments											
G. Payment Due Less Retention						Contractor Signature and Date:					
H. Remaining Authorized Amount											

APPENDIX E

Location Map

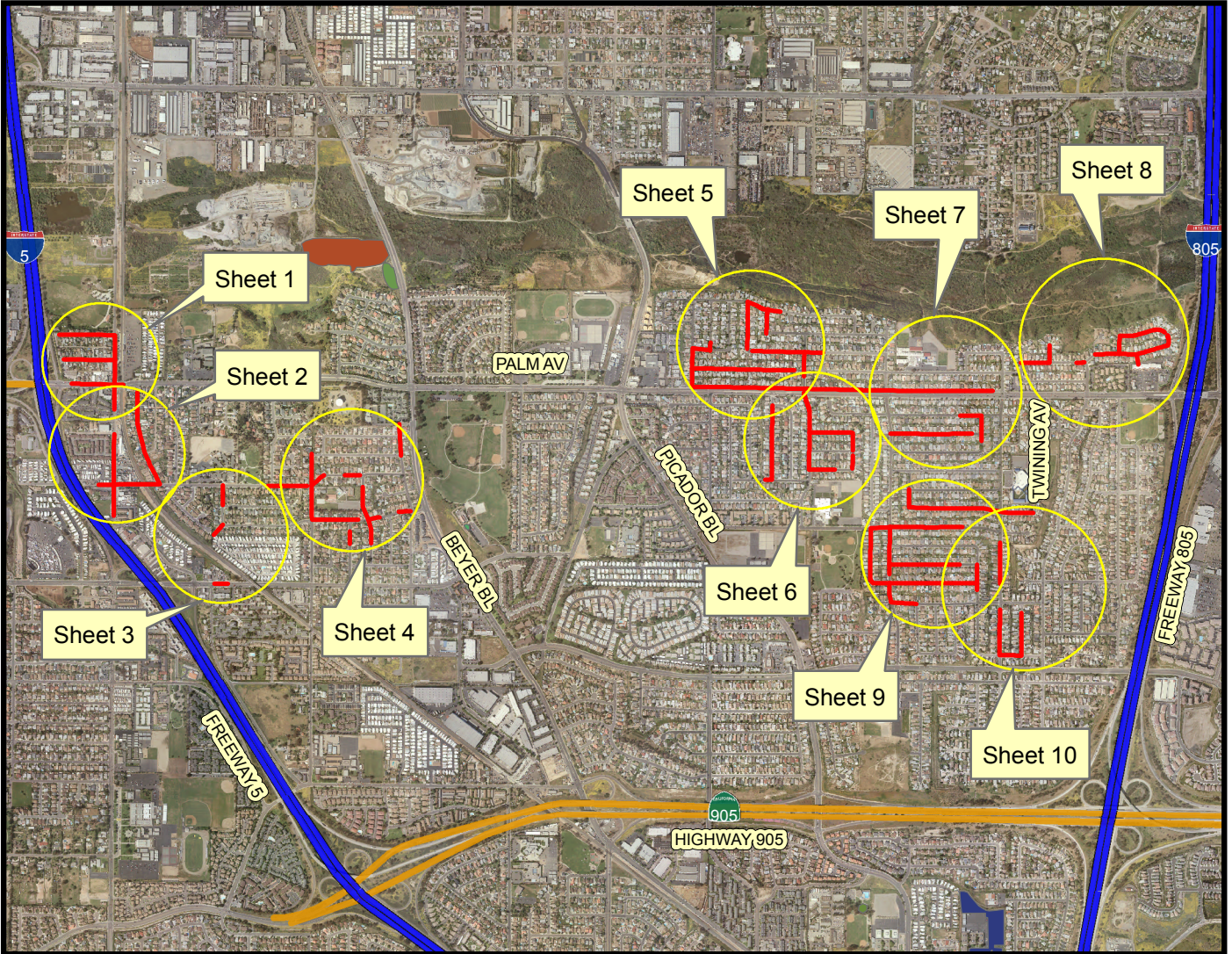
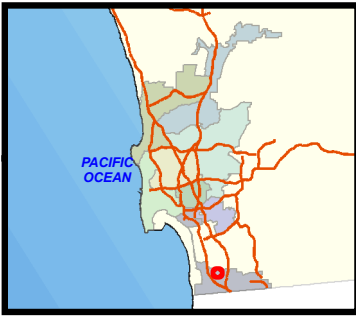
PIPELINE REHABILITATION R-1

SENIOR ENGINEER
 RANIA AMEN
 619-533-5492

PROJECT MANAGER
 CHRIS GASCON
 619-533-7418

PROJECT ENGINEER
 LIBORIO RUIZ
 619-533-5229

DRAFTER
 CHRIS CATUBO
 619-533-4699



LEGEND

 Proposed Rehab Pipe

 Sheet # Sheet # (Appendix T)



Not to Scale

Location Map - Appendix E

COMMUNITY NAME: OTAY MESA - NESTOR

COUNCIL DISTRICT: 8

SAP ID: B-11062 (S)



THIS MAP/DRAWING IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Note: This product may contain information reproduced with permission granted by RAND MCNALLY & COMPANY to SanGIS. This map is copyrighted by RAND MCNALLY & COMPANY. It is unlawful to copy or reproduce all or any part thereof, whether for personal use or resale, without the prior, written permission of RAND MCNALLY & COMPANY.

APPENDIX F

Agreement for Application of Emulsion-Aggregate Slurry

**AGREEMENT FOR APPLICATION OF
EMULSION-AGGREGATE SLURRY**

RELATED TO PIPELINE REHABILITATION R-1

THIS Agreement for Application of Emulsion-Aggregate Slurry Related to Pipeline Rehabilitation R-1 [Agreement] is made and entered into by and between the City of San Diego [City] and [*Insert name of Contractor*] [Contractor] (collectively referred to herein as “the Parties”).

RECITALS

A. WHEREAS, on or about [*Insert date*], the City and the Contractor entered into an agreement for the construction of Pipeline Rehabilitation R-1 [Contract], SAP No. (WBS/IO/CC) and Bid No. K-12-5646-DBB-3-C.

B. WHEREAS, in accordance with the terms of the Contract, the City and the Contractor agreed that the slurry sealing work described in Section 302-4, *Emulsion-Aggregate Slurry* and 600-3, *Rubberized Emulsion – Aggregate Slurry* would not be performed during the months of November, December, January, February, and/or March [Winter Months].

C. WHEREAS, work progressed in accordance with the Contract such that the slurry sealing work would, in the absence of the Parties’ agreement to the contrary, be performed during the Winter Months.

D. WHEREAS, the City and the Contractor desire to enter into this Agreement in order to fulfill their obligations under 302-4, *Emulsion-Aggregate Slurry* and 600-3, *Rubberized Emulsion – Aggregate Slurry* of the Contract.

NOW, THEREFORE, in consideration of the mutual obligations of the Parties as set forth in the above Recitals, which are incorporated herein by this reference, the City and the Contractor agree as follows:

ARTICLE I - WORK TO BE PERFORMED

1.1 Performance of Work.

The Contractor agrees to perform all slurry sealing work as set forth in Section 302-4 and 600-3 of the Contract and *any proposed open trench work per Appendices I through L* [Slurry Work], which is/are incorporated by this reference as though full set forth herein. The Slurry Work shall be performed in accordance with the Schedule of Work, attached hereto as “Exhibit A” and incorporated herein by this reference, or as otherwise agreed to by the Parties in a written change to the Schedule of Work. Unless otherwise specified, the time of completion of this Agreement shall be expressed in Working Days.

For the purposes of this Agreement:

- a) References in the specified sections to the “Agency” shall mean the City and the “Work” shall mean the Slurry Work.
- b) References to the specified sections shall mean sections of the GREENBOOK (Standard Specifications for Public Works Construction), the City Supplement, and Supplementary Special Provisions under the editions specified in the Contract.

1.2 Working Day.

See the City Supplements, Section 1-2, TERMS AND DEFINITIONS. The Engineer will make a daily determination of each Working Day to be charged against the Agreement time. These determinations will be discussed and the Contractor will be furnished a periodic statement showing allowable number of Working Days of Agreement time, including any adjustments, at the beginning of the reporting period. The statement will also indicate the number of Working Days charged during the reporting period and the number of Working Days of Agreement time remaining. If the Contractor does not agree with the statement, it shall file a written protest within 15 days after receipt, setting forth the facts of the protest. Otherwise, the statement will be deemed to have been accepted.

1.3 Prosecution of Slurry Work.

Section 6-2, Prosecution of Work is incorporated into this Agreement by this reference as though fully set forth herein.

1.4 Project Site Maintenance.

Section 7-8 of the Contract, Project Site Maintenance is incorporated into this Agreement by this reference as though fully set forth herein.

1.5 Protection and Restoration of Existing Improvements.

Section 7-9 of the Contract, Protection and Restoration of Existing Improvements is incorporated into this Agreement by this reference as though fully set forth herein.

1.6 Public Convenience and Safety.

Section 7-10 of the Contract, Public Convenience and Safety is incorporated into this Agreement by this reference as though fully set forth herein.

1.7 Completion, Acceptance, and Guarantee.

The Engineer will inspect the Slurry Work in accordance with Section 302-4 and 600-3 of the Contract. The Contractor shall provide the Engineer with written notice that the Slurry Work has been completed. If the Engineer determines that the Slurry Work has been completed to the Engineer’s reasonable satisfaction and is ready for acceptance, the Engineer will accept the completed Work by sending written notice to the Contractor specifying the date of acceptance. All Slurry Work shall be subject to the warranty requirements of the Contract as specified in Section 6-8, COMPLETION, ACCEPTANCE, AND WARRANTY.

1.8 Payment to Contractor.

Upon completion of the Slurry Work, the City will pay the Contractor for slurry work, bonds, insurance, and traffic control in accordance with the applicable sections of the Contract.

1.9 Delays and Extensions of Time.

Section 6-6, Delays and Extensions of Time is incorporated into this Agreement by this reference as though fully set forth herein.

1.10 Liquidated Damages.

Section 6-9, Liquidated Damages is incorporated into this Agreement by this reference as though fully set forth herein.

ARTICLE II - BOND/INSURANCE/INDEMNIFICATION

2.1 Faithful Performance Bond.

Prior to execution of this Agreement, the Contractor shall provide the City with a faithful performance bond [Bond] in the amount of \$[*insert amount of Contractor's bid item for slurry work], guaranteeing faithful performance of all Slurry Work, within the time prescribed in this Agreement, in a manner satisfactory to City, and that all materials and workmanship will be free from original or developed defects. The Bond must remain in effect until the end of all warranty periods set forth in this Agreement. The Bond shall comply with Section 2-4, BONDS of the Contract.

2.2 Insurance.

Section 7-3, Liability Insurance is incorporated into this Agreement by this reference as though fully set forth herein. At all times during the term of this Agreement, the Contractor shall maintain insurance coverage required by Section 7-3, LIABILITY INSURANCE of the Contract for:

- a. Commercial General Liability.
- b. Commercial Automobile Liability.
- c. Worker's Compensation.

All policies must be primary and non-contributing to any insurance that may be carried by the City, as reflected in an endorsement, which shall be submitted to the City. The policies shall not be canceled, non-renewed, or materially changed except after 30 days prior written notice by the Contractor or the insurance carrier to the City by certified mail, except for non-payment of premium, in which case 10 days notice shall be provided.

2.3 Indemnification.

Section 7-15, Indemnification And Hold Harmless Agreement is incorporated into this Agreement by this reference as though fully set forth herein.

ARTICLE III - DEFAULT/TERMINATION

3.1 Default by Contractor.

Section 6-4, Default by Contractor is incorporated into this Agreement by this reference as though fully set forth herein.

3.2 Termination of Agreement.

Section 6-5, *Termination of Contract* is incorporated into this Agreement by this reference as though fully set forth herein.

ARTICLE IV - CONTRACTOR OBLIGATIONS

4.1 Compliance with the City's Equal Opportunity Contracting Program.

The Contractor and each Subcontractors shall comply with the City's Equal Opportunity Contracting Program requirements which the Contractor acknowledges receiving in conjunction with the Contract.

4.2 Non-Discrimination Ordinance.

The Contractor shall not discriminate on the basis of race, gender, religion, national origin, ethnicity, sexual orientation, age, or disability in the solicitation, selection, hiring or treatment of subcontractors, vendors or suppliers. The Contractor shall provide equal opportunity for subcontractors to participate in subcontracting opportunities. The Contractor understands and agrees that violation of this Section shall be considered a material breach of this Agreement and may result in contract termination, debarment, or other sanctions. This language shall be in contracts between the Contractor and Subcontractors, and Suppliers.

4.3 Compliance Investigations.

Upon the City's request, the Contractor agrees to provide to the City, within 60 days, a truthful and complete list of the names of all Subcontractors and Suppliers that the Contractor has used in the past 5 years on any of its contracts that were undertaken within San Diego County, including the total dollar amount paid by the Contractor for each subcontract or supply contract. The Contractor further agrees to fully cooperate in any investigation conducted by the City pursuant to the City's Nondiscrimination in Contracting Ordinance (Municipal Code sections 22.3501-22.3517.) The Contractor understands and agrees that violation of this clause shall be considered a material breach of the contract and may result in remedies being ordered against the Contractor up to and including contract termination, debarment, and other sanctions for violation of the provisions of the Nondiscrimination in Contracting Ordinance. The Contractor further understands and agrees that the procedures, remedies and sanctions provided for in the Nondiscrimination Ordinance apply only to violations of the Nondiscrimination Ordinance.

4.4 Drug-Free Workplace.

The Contractor agrees to comply with the City's Drug-Free Workplace requirements set forth in Council Policy 100-17, adopted by Council Resolution No. R-277952 and incorporated into this Agreement by this reference. The Contractor has certified to the City that it will provide a drug-free workplace by submitting a Contractor Certification for a Drug-Free Workplace form.

The Contractor further certifies that any subcontract for this Agreement shall contain language that binds the Subcontractor to comply with the drug-free workplace requirements of this Agreement, as required by Sections 2.A.(1) through (3) of Council Policy 100-17. The Contractor and Subcontractors shall be individually responsible for their own drug-free work place program.

4.5 Compliance with Controlling Law.

The Contractor shall comply with all laws, ordinances, regulations, and policies of the federal, state, and local governments applicable to this Agreement, including the California Labor Code. In addition, the Contractor shall comply immediately with all directives issued by the City or its authorized representatives under authority of any laws, statutes, ordinances, rules, or regulations. The laws of the State of California shall govern and control the terms and conditions of this Agreement.

ARTICLE V - GENERAL PROVISIONS

5.1 Jurisdiction, Venue, and Attorney's Fees.

The venue for any suit or proceeding concerning this Agreement, the interpretation or application of any of its terms, or any related disputes shall be in the County of San Diego, State of California. The prevailing party in any such suit or proceeding shall be entitled to a reasonable award of attorney's fees in addition to any other award made in such suit or proceeding.

5.2 Successors in Interest.

This Agreement and all rights and obligations created by this Agreement shall be in force and effect whether or not any parties to the Agreement have been succeeded by another entity, and all rights and obligations created by this Agreement shall be vested and binding on any party's successor in interest.

5.3 Integration.

This Agreement and the exhibits and references incorporated into this Agreement fully express all understandings of the Parties concerning the matters covered in this Agreement. No change, alteration, or modification of the terms or conditions of this Agreement, and no verbal understanding of the Parties, their officers, agents, or employees shall be valid unless made in the form of a written change agreed to in writing by either Parties or an amendment to this Agreement agreed to by both Parties. All prior negotiations and agreements are merged into this Agreement.

5.4 No Waiver.

No failure of either the City or the Contractor to insist upon the strict performance by the other of any covenant, term or condition of this Agreement, nor any failure to exercise any right or remedy consequent upon a breach of any covenant, term, or condition of this Agreement, shall constitute a waiver of any such breach or of such covenant, term or condition. No waiver of any breach shall affect or alter this Agreement, and each and every covenant, condition, and term hereof shall continue in full force and effect to any existing or subsequent breach.

5.5 Severability.

The unenforceability, invalidity, or illegality of any provision of this Agreement shall not render any other provision of this Agreement unenforceable, invalid, or illegal.

5.6 Drafting Ambiguities.

The Parties agree that they are aware that they have the right to be advised by counsel with respect to the negotiations, terms and conditions of this Agreement, and the decision of whether or not to seek advice of counsel with respect to this Agreement is a decision, which is the sole responsibility of each Party. This Agreement shall not be construed in favor of or against either Party by reason of the extent to which each Party participated in the drafting of the Agreement.

5.7 City Acts/Approvals.

Whenever an act or approval is required by the City in accordance with the terms of this Agreement, that the Public Works Department Director or duly designated representative shall perform act or approval.

5.8 Signing Authority.

The representative for each Party signing on behalf of a corporation, partnership, joint venture or governmental entity hereby declares that authority has been obtained to sign on behalf of the corporation, partnership, joint venture, or entity and agrees to hold the other Party or Parties hereto harmless if it is later determined that such authority does not exist..

IN WITNESS WHEREOF, this Agreement is executed by the City of San Diego, by and through its Public Works Department Director in accordance with Resolution No. [*Insert resolution number authorizing underlying construction contract*], and by Contractor.

THE CITY OF SAN DIEGO

By: _____

Name: _____

Title: _____

Date: _____

CONTRACTOR

By: _____

Name: _____

Title: _____

Date: _____

I HEREBY APPROVE the form and legality of the foregoing agreement this _____ day of _____, _____

JAN I GOLDSMITH, City Attorney

By: _____
Deputy City Attorney

Name: _____

EXHIBIT A
SCHEDULE OF WORK

[*Insert Schedule Showing Time (in Working Days) in Which Work is to be Performed*]

APPENDIX G

Sewer Mains and Manhole Rehabilitation Sample Data Templates

REHAB DATA COLLECTION - SEWER MAINS

FSN	REHAB DATE	LENGTH	INSIDE DIAM	FUNCTIONAL DIAM	LINING TYPE DESC	LINING METHOD DESC	REHAB CONTRACTOR DESC	REHAB MATERIAL VENDOR	COMMENTS	ACCEPTANCE DATE
65112	8/22/2006	312	8	7	PVC	SPIRAL WOUND	WESCO INFRA. TECHNOLOGIES,LP	RIBLOC	EXAMPLE - Leave this row in the table as it is.	8/22/2006

APPENDIX H

Rehab R-1 Overall Project Scope Tables

PIPELINE REHABILITATION R-1


SHEET NO.	FSN	FIELD BOOK	US MH	DS MH	INST. DATE	LENGTH (feet)	SIZE (inches)	MATERIAL	% SLOPE	MAX d/D	# LATERALS	ACTION	STREET NAME	THOMAS BROS.	COMMUNITY	COUNCIL DIST.	REMARKS	CONFLICT COMMENTS
1	46570	J34S	PLUG	219	1/1/1966	45	8	VC	0.40	13.8	3	REHAB	CONIFER AV	1330B7	OTAY MESA NESTOR	8	Install new cleanout	
1	46578	J34S	219	221	1/1/1966	350	8	VC	0.40	20.2	6	REHAB	CONIFER AV	1330B7	OTAY MESA NESTOR	8	na	
1	53965	J34S	221	96	1/1/1966	350	8	VC	0.50	22.17	5	REHAB	CONIFER AV	1330B7	OTAY MESA NESTOR	8	na	
1	53963	J34S	96	97	1/1/1966	333	8	VC	0.40	32.55	3	REHAB	HOLLISTER ST	1330B7	OTAY MESA NESTOR	8	na	
1	46576	J34S	224	220	1/1/1966	350	8	VC	0.50	18.07	8	REHAB	CITRUS AV	1330B7	OTAY MESA NESTOR	8	na	
1	53967	J34S	220	97	1/1/1966	340	8	VC	0.60	20.14	7	REHAB	CITRUS AV	1330B7	OTAY MESA NESTOR	8	na	
1	53968	K34S	97	94	1/1/1966	334	8	VC	0.40	38.43	2	REHAB	HOLLISTER AV	1330B7	OTAY MESA NESTOR	8	na	
1	46569	J34S	PLUG	222	1/1/1966	200	10	VC	0.60	10.41	3	REHAB	PALM AV	1330B7	OTAY MESA NESTOR	8	Install new cleanout	
1	46575	J34S	222	94	1/1/1966	365	10	VC	0.60	12.15	4	REHAB	PALM AV	1330B7	OTAY MESA NESTOR	8	na	
1	53966	K34S	95	94	1/1/1966	115	8	VC	11.50	83	0	POINT REPAIR	PALM AV	1330B7	OTAY MESA NESTOR	8	na	Main under RR. PR near tracks.
1	53955	K34S	94	111	1/1/1984	333	10	VC	0.40	73	2	REHAB	HOLLISTER AV	1330B7	OTAY MESA NESTOR	8	na	
2	53954	K34S	117	172	1/1/1966	266	10	VC	0.40	89	0	REHAB	HOLLISTER AV	1330B7	OTAY MESA NESTOR	8	na	Slurry Contract: SC 6'11 EC 10'11
2	54079	K34S	172	174	1/1/1966	68	10	VC	0.30	78	1	REHAB	HOLLISTER AV	1330B7	OTAY MESA NESTOR	8	na	Slurry Contract: SC 6'11 EC 10'11
2	54078	K34S	174	177	1/1/1966	338	10	VC	0.40	76	0	REHAB	HOLLISTER AV	1330B7	OTAY MESA NESTOR	8	na	Slurry Contract: SC 6'11 EC 10'11
2	54060	K34S	177	175	1/1/1966	215	10	VC	0.70	76	3	REHAB	ELM AV	1330B7	OTAY MESA NESTOR	8	rehab MH 177	Slurry Contract: SC 6'11 EC 10'11
2	53977	K34S	PLUG	109	1/1/1967	100	8	VC	1.00	4.32	4	REHAB	HARRIS AV	1330B7	OTAY MESA NESTOR	8	Install new cleanout	
2	53958	K34S	109	83	1/1/1967	317	8	VC	0.70	12.7	7	REHAB	HARRIS AV	1330B7	OTAY MESA NESTOR	8	na	
2	53960	K34S	83	85	1/1/1967	196	8	VC	0.40	16.5	9	REHAB	HARRIS AV	1330B7	OTAY MESA NESTOR	8	na	
2	53959	K34S	85	167	1/1/1967	227	8	VC	0.40	18.45	5	REHAB	HARRIS AV	1330B7	OTAY MESA NESTOR	8	na	
2	54068	K34S	167	170	1/1/1967	217	8	VC	0.40	25.07	6	REHAB	HARRIS AV	1330B7	OTAY MESA NESTOR	8	na	
2	54067	K34S	170	171	1/1/1967	248	8	VC	0.60	24.32	7	REHAB	HARRIS AV	1330B7	OTAY MESA NESTOR	8	na	
2	54058	K34S	171	166	1/1/1967	324	8	VC	1.00	29.86	0	REHAB	ELM AV	1330B7	OTAY MESA NESTOR	8	na	Main under RR.
2	54059	K34S	166	176	1/1/1967	225	8	VC	1.00	30.12	1	REHAB	ELM AV	1330B7	OTAY MESA NESTOR	8	na	
2	54057	K34S	176	177	1/1/1967	70	8	VC	11.30	16.45	0	POINT REPAIR	ELM AV	1330B7	OTAY MESA NESTOR	8	na	Slurry Contract: SC 6'11 EC 10'11
2	54062	K34S	178	177	1/1/1966	222	8	VC	3.90	13.89	2	REHAB	HOLLISTER ST	1330B7	OTAY MESA NESTOR	8	na	Slurry Contract: SC 6'11 EC 10'11
2	54061	K34S	CLEANOUT	178	1/1/1966	175	8	VC	0.60	21.88	2	REHAB	HOLLISTER ST	1330B7	OTAY MESA NESTOR	8	Install new cleanout	Slurry Contract: SC 6'11 EC 10'11
3	54095	K34S	218	234	1/1/1966	69	8	VC	3.70	11.52	1	REHAB	ELM AV	1330C7	OTAY MESA NESTOR	8	na	
3	54085	K34S	223	218	1/1/1966	281	8	VC	4.10	6.6	8	REHAB	ELM AV	1330C7	OTAY MESA NESTOR	8	na	
3	54086	K34S	PLUG	223	1/1/1971	188	8	VC	7.00	3.71	5	REHAB	ELM AV	1330C7	OTAY MESA NESTOR	8	Install new cleanout	
3	54094	K34S	231	215	1/1/1961	268	8	VC	0.40	26.96	4	REHAB	CUNARD ST	1330B7	OTAY MESA NESTOR	8		
3	54089	K34S	144	124	1/1/1961	181	8	VC	1.00	27.79	2	REHAB	CUNARD ST	1330B7	OTAY MESA NESTOR	8	in easement	Non- ROW (Private Property)
3	54172	K34S	PLUG	245	1/1/1959	190	8	VC	4.00	4.22	2	REHAB	CORONADO AV	1350B1	OTAY MESA NESTOR	8	Install new cleanout & Rehab MH 245	
4	54136	K34S	134	138	1/1/1971	80	8	VC	0.60	4.6	2	REHAB	27 TH ST	1330C7	OTAY MESA NESTOR	8	rehab MH 134	Overlay Contract EC 1'08
4	54134	K34S	138	139	1/1/1971	350	8	VC	3.40	4.72	4	REHAB	27 TH ST	1330C7	OTAY MESA NESTOR	8	rehab MH 139	Overlay Contract EC 1'08
4	54139	K34S	139	141	1/1/1966	286	8	VC	7.20	11.41	6	REHAB	27 TH ST	1330C7	OTAY MESA NESTOR	8	na	
4	54138	K34S	141	135	1/1/1966	175	8	VC	5.60	12.51	3	REHAB	27 TH ST	1330C7	OTAY MESA NESTOR	8	na	

4	54150	K34S	183	139	1/1/1969	50	8	VC	0.40	15.17	0	REHAB	27 TH ST	1330C7	OTAY MESA NESTOR	8	segment in easement	Non- ROW (Private Property)
4	54148	K34S	184	183	1/1/1969	25	8	VC	4.64	4.91	0	REHAB	EASEMENT	1330C7	OTAY MESA NESTOR	8	in easement	Non- ROW (Private Property)
4	54140	K34S	186	184	1/1/1969	148	8	VC	0.70	13.24	1	REHAB	BARBOUR DR	1330C7	OTAY MESA NESTOR	8	pipe segment in	Non- ROW (Private Property)
4	54074	K34S	PLUG	185	1/1/1969	190	8	VC	0.40	9.77	8	REHAB	BARBOUR DR	1330C7	OTAY MESA NESTOR	8	install new cleanout	
4	54160	K34S	199	135	1/1/1965	320	8	VC	2.40	8.07	8	REHAB	CAULFIELD DR	1330C7	OTAY MESA NESTOR	8	na	
4	54161	K34S	200	199	1/1/1965	317	8	VC	1.00	7.13	9	REHAB	CAULFIELD DR	1330C7	OTAY MESA NESTOR	8	na	
4	54156	K34S	PLUG	4	1/1/1965	160	8	VC	2.00	6.39	7	REHAB	DEARBORN DR	1330C7	OTAY MESA NESTOR	8	Install new cleanout	
4	54151	K34S	PLUG	202	1/1/1966	249	8	VC	7.00	3.49	5	REHAB	GARLAND DR	1330C7	OTAY MESA NESTOR	8	Install new cleanout	
4	54149	K34S	202	195	1/1/1966	196	8	VC	7.00	3.81	1	REHAB	GARLAND DR	1330C7	OTAY MESA NESTOR	8	na	
4	54167	K34S	195	15	1/1/1966	150	8	VC	3.60	7.45	3	REHAB	GARLAND DR	1330C7	OTAY MESA NESTOR	8	na	
4	54166	K34S	15	13	1/1/1966	168	8	VC	3.40	8.99	6	REHAB	GARLAND DR	1330C7	OTAY MESA NESTOR	8	na	
4	54043	K34S	227	62	1/1/1967	173	8	VC	2.20	18.97	4	REHAB	MADDEN AV	1330C7	OTAY MESA NESTOR	8	na	
4	54044	K34S	62	193	1/1/1967	251	8	VC	1.50	5.85	4	REHAB	MADDEN AV	1330C7	OTAY MESA NESTOR	8	na	
4	54146	K34S	PLUG	195	1/1/1966	155	8	VC	4.30	4.03	5	REHAB	CAULFIELD DR	1330C7	OTAY MESA NESTOR	8	Install new cleanout	
4	54142	K34S	PLUG	196	1/1/1966	159	8	VC	0.40	5	4	REHAB	CAULFIELD DR	1330C7	OTAY MESA NESTOR	8	Install new cleanout	
5	61533	L34S	163	371	1/1/1959	265	8	VC	4.10	17.49	4	REHAB	LINDBERGH ST	1330E9	OTAY MESA NESTOR	8	na	
5	61656	L34S	276	163	1/1/1960	169	8	VC	6.20	10.1	4	POINT REPAIR	LINDBERGH ST	1330E9	OTAY MESA NESTOR	8	na	Slurry Contract SC 5'10 EC 5'10
5	61649	L34S	279	245	1/1/1959	350	8	VC	3.30	18.78	11	POINT REPAIR	CHANUTE ST	1330E9	OTAY MESA NESTOR	8	na	
5	61651	L34S	293	279	1/1/1959	350	8	VC	3.00	18.67	10	REHAB	CHANUTE ST	1330E9	OTAY MESA NESTOR	8	na	
5	61653	L34S	295	293	1/1/1960	246	8	VC	3.40	17.02	7	REHAB	CHANUTE ST	1330E9	OTAY MESA NESTOR	8	na	Slurry Contract SC 5'10 EC 5'10
5	61530	L34S	325	227	1/1/1959	244	8	VC	2.60	10.3	4	POINT REPAIR	CHANUTE ST	1330E10	OTAY MESA NESTOR	8	na	
5	61540	L34S	PLUG	325	1/1/1959	103	8	VC	0.40	6.83	4	REHAB	DOOLITTLE AV	1330E9	OTAY MESA NESTOR	8	Install new cleanout	
5	61419	L34S	246	232	1/1/1959	350	8	VC	3.90	13.73	9	POINT REPAIR	BYRD ST	1330E10	OTAY MESA NESTOR	8	na	7'09
5	61418	L34S	247	246	1/1/1959	350	8	VC	3.20	13.6	12	REHAB	BYRD ST	1330E10	OTAY MESA NESTOR	8	na	
5	61643	L34S	376	247	1/1/1959	350	8	VC	3.60	10.52	8	REHAB	BYRD ST	1330E10	OTAY MESA NESTOR	8	na	
5	61646	L34S	292	376	1/1/1959	320	8	VC	4.10	7.46	13	REHAB	BYRD ST	1330E10	OTAY MESA NESTOR	8	na	
5	61489	L34S	251	248	2/18/1976	255	8	VC	6.10	73	3	POINT REPAIR	PALM AV	1330E10	OTAY MESA NESTOR	8	Replace MH 248	Overlay SC 7'09 EC 7'09
5	61486	L34S	252	251	1/1/1959	95	8	VC	4.30	33	2	REHAB	PALM AV	1330E10	OTAY MESA NESTOR	8	na	
5	61488	L34S	243	252	1/18/1976	350	8	VC	3.40	35	6	REHAB	PALM AV	1330E10	OTAY MESA NESTOR	8	na	
5	61487	L34S	290	243	1/1/1959	350	8	VC	4.20	35	6	POINT REPAIR	PALM AV	1330E10	OTAY MESA NESTOR	8	na	
5	61617	L34S	377	290	2/18/1976	350	8	VC	3.60	33	6	POINT REPAIR	PALM AV	1330E10	OTAY MESA NESTOR	8	na	
5	61608	L34S	262	377	2/18/1976	95	8	VC	1.20	45	2	POINT REPAIR	PALM AV	1330E10	OTAY MESA NESTOR	8	rehab MH 262	
5	61625	L34S	257	262	2/18/1976	255	8	VC	2.30	45	4	POINT REPAIR	PALM AV	1330E10	OTAY MESA NESTOR	8	na	
5	61626	L34S	271	257	2/18/1976	95	8	VC	0.60	51	1	REHAB	PALM AV	1330F7	OTAY MESA NESTOR	8	na	
5	61630	L34S	275	271	2/18/1976	252	8	VC	0.60	53	5	REHAB	PALM AV	1330F7	OTAY MESA NESTOR	8	na	
5	61479	L34S	232	248	2/18/1976	236	8	VC	0.60	73	3	REHAB	COCHRAN AV	1330E10	OTAY MESA NESTOR	8	see FSN 61489	Overlay SC 7'09 EC 7'09
5	61515	L34S	227	232	2/18/1976	263	8	VC	0.60	51	6	REHAB	COCHRAN AV	1330E9	OTAY MESA NESTOR	8	na	Overlay SC 7'09 EC 7'09
5	61527	L34S	372	253	1/1/1959	350	8	VC	0.40	33.77	13	REHAB	MAITLAND AV	1330E9	OTAY MESA NESTOR	8	na	
5	61532	L34S	253	371	1/1/1959	281	8	VC	0.40	34.82	7	REHAB	MAITLAND AV	1330E9	OTAY MESA NESTOR	8	na	
5	61634	L34S	280	163	1/1/1959	318	8	VC	0.40	27.07	9	POINT REPAIR	MATHER AV	1330E9	OTAY MESA NESTOR	8	na	
5	61650	L34S	288	293	1/1/1959	318	8	VC	3.00	5.3	5	REHAB	NORSTAD AV	1330E10	OTAY MESA NESTOR	8	na	
6	61629	L34S	300	275	2/18/1976	350	8	VC	0.60	55	5	REHAB	PALM AV	1330E9	OTAY MESA NESTOR	8	na	


6	61368	L34S	55	41	1/1/1967	346	8	VC	0.40	30.41	12	REHAB	GRISSON ST	1330E10	OTAY MESA NESTOR	8	na	
6	61641	L34S	320	261	1/1/1967	335	8	VC	1.80	22.1	11	REHAB	GRISSOM ST	1330E10	OTAY MESA NESTOR	8	na	
6	61544	L34S	41	320	1/1/1967	325	8	VC	0.40	31.55	12	REHAB	GRISSOM ST	1330E10	OTAY MESA NESTOR	8	na	
6	61637	L34S	330	269	1/1/1967	306	8	VC	0.40	31.28	8	REHAB	NORSTAD ST	1330E10	OTAY MESA NESTOR	8	na	
6	61611	L34S	269	254	1/1/1967	237	8	VC	3.00	19.11	6	REHAB	NORSTAD ST	1330E10	OTAY MESA NESTOR	8	Replace MH 254	replaced.
6	61565	L34S	60	330	1/1/1967	248	8	VC	0.50	25.63	5	POINT REPAIR	NORSTAD ST	1330E10	OTAY MESA NESTOR	8	na	
6	61360	L34S	61	60	1/1/1967	248	8	VC	0.40	21.11	6	REHAB	NORSTAD ST	1330E10	OTAY MESA NESTOR	8	na	
6	61314	L34S	34	337	1/1/1967	239	8	VC	0.40	9.33	6	POINT REPAIR	GIVENS ST	1330F7	OTAY MESA NESTOR	8	na	
6	61312	L34S	PLUG	8	1/1/1967	161	8	VC	1.00	7.52	6	REHAB	GIVENS ST	1330F7	OTAY MESA NESTOR	8	Install new cleanout	
6	61566	L34S	323	330	1/1/1967	296	8	VC	2.60	11.56	10	REHAB	GOODBODY ST	1330F7	OTAY MESA NESTOR	8	na	
6	61568	L34S	337	323	1/1/1967	281	8	VC	0.40	14.99	11	REHAB	GOODBODY ST	1330F7	OTAY MESA NESTOR	8	na	
6	61364	L34S	57	61	1/1/1967	350	8	VC	1.00	15.37	12	REHAB	SCHIRRA ST	1330F7	OTAY MESA NESTOR	8	na	
6	61369	L34S	PLUG	55	1/1/1967	90	8	VC	0.40	5.36	3	REHAB	SCHIRRA ST	1330F7	OTAY MESA NESTOR	8	Install new cleanout	
7	61548	L34S	302	300	1/1/1966	150	8	VC	1.70	54	2	REHAB	PALM AV	1330F7	OTAY MESA NESTOR	8	na	
7	61559	L34S	384	302	1/1/1960	350	8	VC	2.10	8.92	6	REHAB	PALM AV	1330F7	OTAY MESA NESTOR	8	na	
7	61558	L34S	318	384	1/1/1960	348	8	VC	2.50	7.43	5	REHAB	PALM AV	1330F7	OTAY MESA NESTOR	8	na	
7	61553	L34S	310	318	1/1/1960	350	8	VC	2.50	6.35	6	REHAB	PALM AV	1330F7	OTAY MESA NESTOR	8	replace MH 310	
7	64605	M34S	7	310	1/1/1960	350	8	VC	2.50	4.71	6	REHAB	PALM AV	1330F7	OTAY MESA NESTOR	8	replace MH 7	
7	64606	M34S	PLUG	7	1/1/1960	31	8	VC	2.20	1.82	1	REHAB	PALM AV	1330F7	OTAY MESA NESTOR	8	Install new cleanout	
7	61570	L34S	335	334	1/1/1967	281	8	VC	2.50	18.15	10	REHAB	COLMAN AV	1330F7	OTAY MESA NESTOR	8	na	
7	61575	L34S	336	335	1/1/1967	350	8	VC	1.00	9.92	8	REHAB	RALPH WY	1330F7	OTAY MESA NESTOR	8	na	
7	61564	L34S	341	338	1/1/1966	298	8	VC	1.60	16.22	10	REHAB	RENE DR	1330F7	OTAY MESA NESTOR	8	Replace MH 341	(intersection)
7	61563	L34S	340	341	1/1/1967	350	8	VC	3.30	11.91	14	POINT REPAIR	RENE DR	1330F7	OTAY MESA NESTOR	8	Replace MH 340	
7	61573	L34S	333	340	1/1/1967	327	8	VC	2.70	9.5	12	REHAB	RENE DR	1330F7	OTAY MESA NESTOR	8	see FSN 61563	
7	61574	L34S	PLUG	333	1/1/1967	114	8	VC	1.90	6.59	10	REHAB	RENE DR	1330F7	OTAY MESA NESTOR	8	Install new cleanout	
8	64633	M34S	PLUG	86	1/1/1970	129	8	VC	0.40	15.5	0	REHAB	POWDERHORN DR	1330G6	OTAY MESA NESTOR	8	Install new cleanout	CO in Private Property
8	64616	M34S	20	21	1/1/1970	384	8	VC	0.40	36.36	12	REHAB	POWDERHORN DR	1330G6	OTAY MESA NESTOR	8	na	
8	64625	M34S	19	20	1/1/1970	232	8	VC	1.50	9.23	9	REHAB	SERRENA LN	1330G6	OTAY MESA NESTOR	8	na	
8	64627	M34S	3	18	1/1/1970	109	8	VC	0.40	32.21	4	REHAB	POWDERHORN DR	1330G6	OTAY MESA NESTOR	8	rehab MH 3	
8	64646	M34S	84	4	1/1/1970	315	8	VC	0.40	31.1	9	REHAB	POWDERHORN DR	1330G6	OTAY MESA NESTOR	8	rehab MH 4	
8	64644	M34S	85	84	1/1/1970	238	8	VC	0.40	25.35	8	REHAB	POWDERHORN DR	1330G6	OTAY MESA NESTOR	8	na	
8	64632	M34S	86	85	1/1/1970	219	8	VC	0.40	18.46	10	REHAB	POWDERHORN DR	1330G6	OTAY MESA NESTOR	8	na	
8	64635	M34S	82	86	1/1/1970	222	8	VC	0.40	15.61	8	REHAB	POWDERHORN DR	1330G6	OTAY MESA NESTOR	8	rehab MH 86	
8	64634	M34S	PLUG	82	1/1/1976	135	8	VC	0.80	9	7	REHAB	MURRIETA CR	1330G6	OTAY MESA NESTOR	8	Install new cleanout	
8	64629	M34S	PLUG	112	1/1/1970	128	8	VC	0.80	8.77	5	REHAB	MURRIETA CR	1330G6	OTAY MESA NESTOR	8	Install new cleanout	
8	64631	M34S	112	115	1/1/1970	288	8	VC	0.40	15.63	11	REHAB	MURRIETA CR	1330G6	OTAY MESA NESTOR	8	na	
8	64630	M34S	115	116	1/1/1970	202	8	VC	0.40	18.03	7	REHAB	MURRIETA CR	1330G6	OTAY MESA NESTOR	8	na	
8	64637	M34S	116	84	1/1/1970	240	8	VC	0.40	19.5	4	REHAB	MURRIETA CR	1330G6	OTAY MESA NESTOR	8	na	
9	61315	L34S	18	9	1/1/1967	240	8	VC	1.70	18.37	6	REHAB	JOSHUA PL	1330F7	OTAY MESA NESTOR	8	na	Overlay SC 9'11 EC 4'12
9	61341	L34S	16	18	1/1/1967	350	8	VC	3.00	15.31	13	REHAB	DEBBYANN PL	1330F7	OTAY MESA NESTOR	8	na	Overlay SC 9'11 EC 4'12
9	61344	L34S	3	16	1/1/1967	350	8	VC	1.40	16.39	14	REHAB	DEBBYANN PL	1330F7	OTAY MESA NESTOR	8	na	Overlay SC 9'11 EC 4'12


9	61345	L34S	4	3	1/1/1967	280	8	VC	1.50	13.7	10	REHAB	DEBBYANN PL	1330F7	OTAY MESA NESTOR	8	na	Overlay SC 9'11 EC 4'12
9	61346	L34S	120	4	1/1/1967	342	8	VC	3.10	9.58	10	REHAB	DEBBYANN PL	1330F7	OTAY MESA NESTOR	8	na	Overlay SC 9'11 EC 4'12
9	61324	L34S	14	15	1/1/1967	327	8	VC	2.20	14.27	12	REHAB	AREY DR	1330F7	OTAY MESA NESTOR	8	na	
9	61321	L34S	15	12	1/1/1967	350	8	VC	3.00	15.09	14	REHAB	AREY DR	1330F7	OTAY MESA NESTOR	8	na	
9	61322	L34S	12	13	1/1/1967	298	8	VC	4.50	14.33	9	REHAB	AREY DR	1330F7	OTAY MESA NESTOR	8	na	intersection)
9	61329	L34S	49	13	1/1/1967	263	8	VC	0.40	56	4	REHAB	AREY DR	1330F7	OTAY MESA NESTOR	8	na	intersection)
9	61379	L34S	47	49	1/1/1967	350	8	VC	0.40	46	12	REHAB	DARWIN PL	1350F1	OTAY MESA NESTOR	8	na	
9	61372	L34S	72	47	1/1/1967	346	8	VC	0.40	45	13	REHAB	DARWIN PL	1350F1	OTAY MESA NESTOR	8	na	
9	61357	L34S	75	72	1/1/1967	55	8	VC	0.40	44	3	REHAB	DARWIN PL	1350FI	OTAY MESA NESTOR	8	na	
9	61381	L34S	73	75	1/1/1967	222	8	VC	0.40	44	5	REHAB	DARWIN PL	1350FI	OTAY MESA NESTOR	8	replace MH 73	Overlay EC 7'09 (in intersection)
9	61384	L34S	261	73	1/1/1967	124	8	VC	0.40	44	0	REHAB	PICCARD AV	1350FI	OTAY MESA NESTOR	8	see FSN 61381	Overlay EC 7'09 (in intersection)
9	61875	L34S	262	261	1/1/1967	138	8	VC	0.40	38	1	REHAB	PICCARD AV	1350FI	OTAY MESA NESTOR	8	na	Overlay EC 7'09 (in intersection)
9	61878	L34S	253	262	1/1/1968	336	8	VC	0.40	33.8	7	REHAB	KIMSUE WY	1350FI	OTAY MESA NESTOR	8	na	Overlay EC 7'09 (in intersection)
9	61380	L34S	70	13	1/1/1967	258	8	VC	3.40	17.6	4	REHAB	PICCARD AV	1350FI	OTAY MESA NESTOR	8	na	Overlay EC 7'09
9	61371	L34S	64	70	1/1/1967	248	8	VC	1.40	15.7	5	REHAB	PICCARD AV	1350FI	OTAY MESA NESTOR	8	na	Overlay EC 7'09
9	61375	L34S	PLUG	64	1/1/1967	127	8	VC	0.40	5.3	3	REHAB	PICCARD AV	1350F1	OTAY MESA NESTOR	8	Install new clean out	Overlay EC 7'09
9	61374	L34S	63	64	1/1/1967	350	8	VC	2.80	12.35	12	REHAB	BATEMAN AV	1350FI	OTAY MESA NESTOR	8	na	Overlay EC 7'09 (in intersection)
9	61373	L34S	66	63	1/1/1967	350	8	VC	3.00	10.04	14	REHAB	BATEMAN AV	1350FI	OTAY MESA NESTOR	8	na	
9	61386	L34S	30	66	1/1/1967	240	8	VC	3.00	6.64	10	REHAB	BATEMAN AV	1350FI	OTAY MESA NESTOR	8	na	
9	61385	L34S	74	73	1/1/1967	143	8	VC	7.30	13	4	REHAB	DARWIN AV	1350FI	OTAY MESA NESTOR	8	na	Overlay EC 7'09 (in intersection)
9	61382	L34S	80	74	1/1/1967	350	8	VC	3.10	15.59	14	REHAB	DARWIN AV	1350FI	OTAY MESA NESTOR	8	na	
9	61383	L34S	81	80	1/1/1967	350	8	VC	0.40	22.94	13	REHAB	DARWIN AV	1350FI	OTAY MESA NESTOR	8	na	
9	61655	L34S	79	81	1/1/1967	334	8	VC	0.40	19.18	11	REHAB	DARWIN AV	1350FI	OTAY MESA NESTOR	8	na	
9	61387	L34S	77	79	1/1/1967	248	8	VC	2.30	9.61	4	REHAB	PETERLYNN DR	1350FI	OTAY MESA NESTOR	8	na	
9	61389	L34S	PLUG	79	1/1/1967	82	8	VC	0.40	5	3	REHAB	PETERLYNN DR	1350FI	OTAY MESA NESTOR	8	Install new cleanout	
10	64724	M35S	19	20	1/1/1969	255	8	VC	4.00	14.18	8	REHAB	TWINING AV	1350F1	OTAY MESA NESTOR	8	na	
10	64726	M35S	20	15	1/1/1969	294	8	VC	2.00	18.88	5	REHAB	ENERO ST	1350F1	OTAY MESA NESTOR	8	na	
10	64722	M35S	17	15	1/1/1969	361	8	VC	2.70	10.43	12	REHAB	ILEXY AV	1350G1	OTAY MESA NESTOR	8	na	
10	64723	M35S	PLUG	17	1/1/1969	200	8	VC	4.30	6.57	10	REHAB	ILEXY AV	1350G1	OTAY MESA NESTOR	8	Install new cleanout	
10	64721	M35S	18	19	1/1/1969	350	8	VC	6.80	11.61	12	REHAB	TWINING AV	1350F1	OTAY MESA NESTOR	8	na	
10	64544	M35S	37	39	1/1/1969	350	8	VC	2.00	11.23	12	REHAB	TWINING AV	1350F1	OTAY MESA NESTOR	8	na	
10	64542	M35S	PLUG	37	1/1/1969	210	8	VC	1.90	7.85	11	REHAB	TWINING AV	1350F1	OTAY MESA NESTOR	8	Install new cleanout	
10	64628	L34S	118	120	1/1/1968	350	8	VC	0.60	10.49	17	REHAB	DEBBYANN PL	1330G7	OTAY MESA NESTOR	8	na	Overlay SC 9'11 EC 4'12


TOTAL LENGTH 7.17

 Add cleanout (total = 22)

 Point repair sewer (total = 15)

 Rehab MH (total = 9)

 Replace existing cleanout = 1

 Replace MH (total = 7)

APPENDIX I

Rehab R-1 Pipeline Rehab Maps

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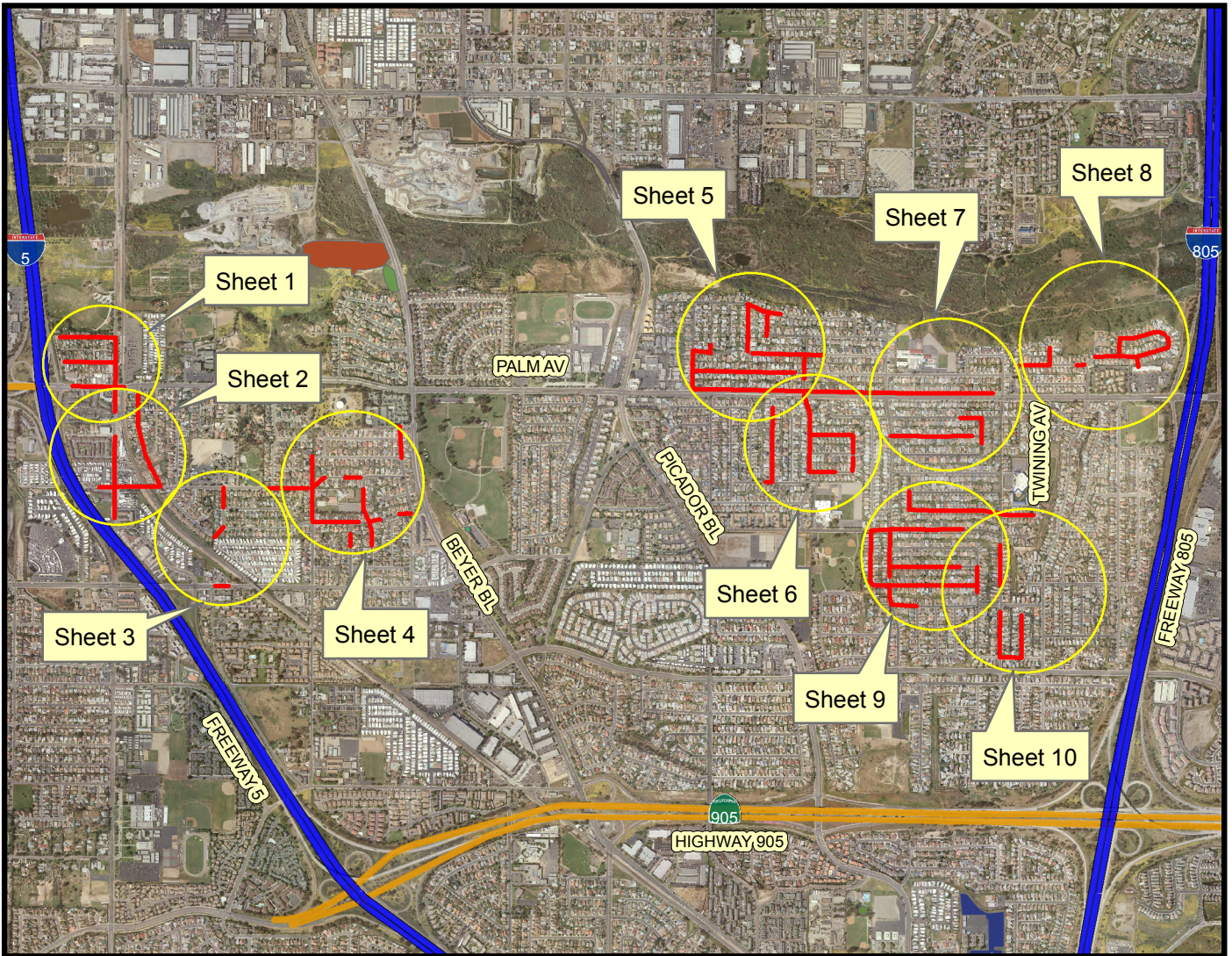
PIPELINE REHABILITATION R-1

SENIOR ENGINEER
 RANIA AMEN
 619-533-5492

PROJECT MANAGER
 CHRIS GASCON
 619-533-7418

PROJECT ENGINEER
 LIBORIO RUIZ
 619-533-5229

DRAFTER
 CHRIS CATUBO
 619-533-4699



LEGEND

Proposed Rehab Pipe

Sheet #



Not to Scale

COMMUNITY NAME: OTAY MESA - NESTOR

COUNCIL DISTRICT: 8

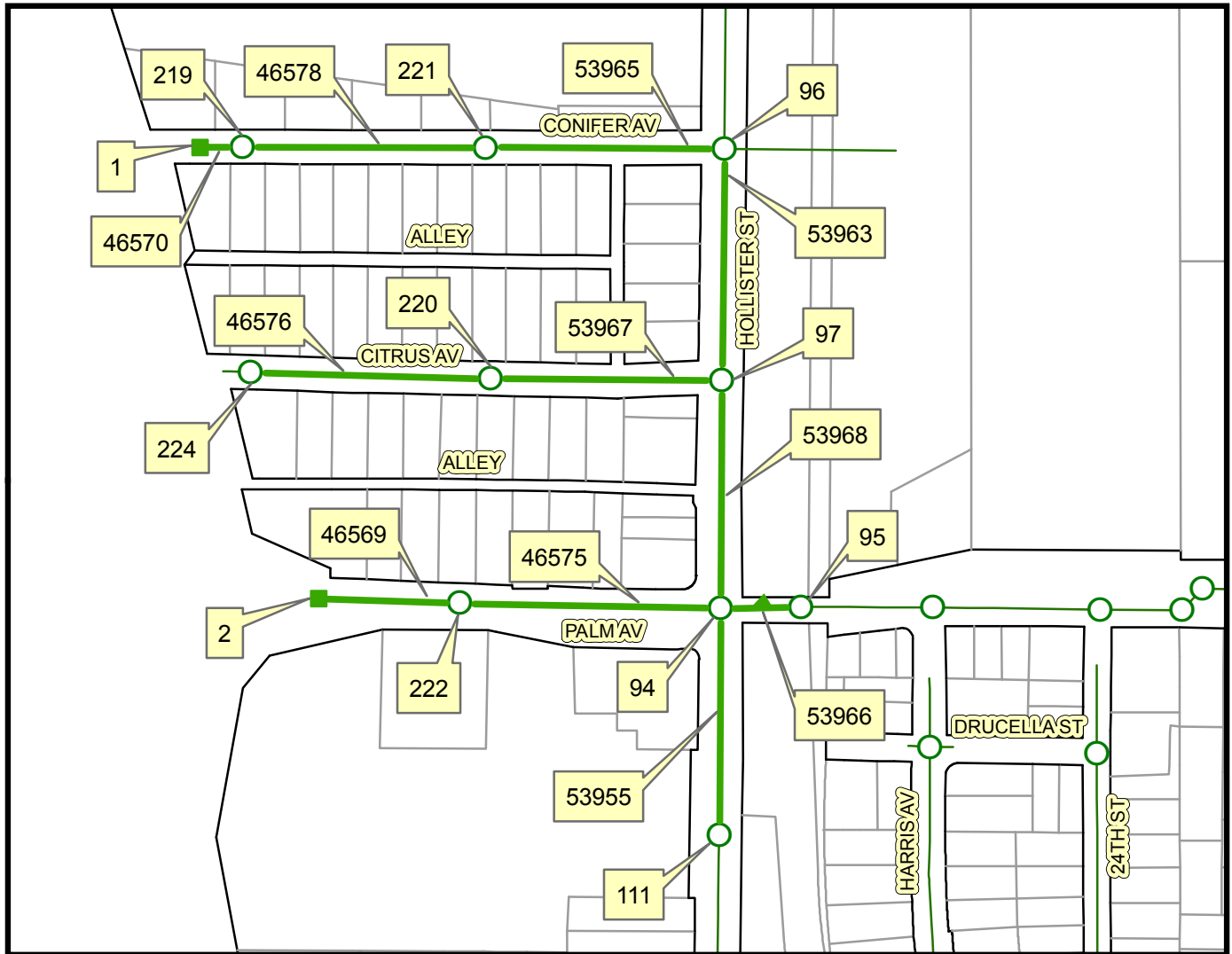
SAP ID: B-11062 (S)

Date: August 31, 2011






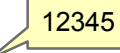


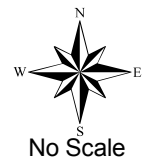


PIPELINE REHABILITATION R-1



Legend

-  Proposed Cleanout
-  Existing Pipe & Manhole
-  Proposed Rehab Pipe
-  Proposed Point Repair
-  Manhole ID
-  Facility Sequence Number (FSN)



SHEET NO. 1	THOMAS BROS.: 1330B7
-------------	-------------------------

COMMUNITY NAME: OTAY MESA - NESTOR

COUNCIL DISTRICT: 8

SAP ID: B-11062 (S)

Date: August 29, 2011

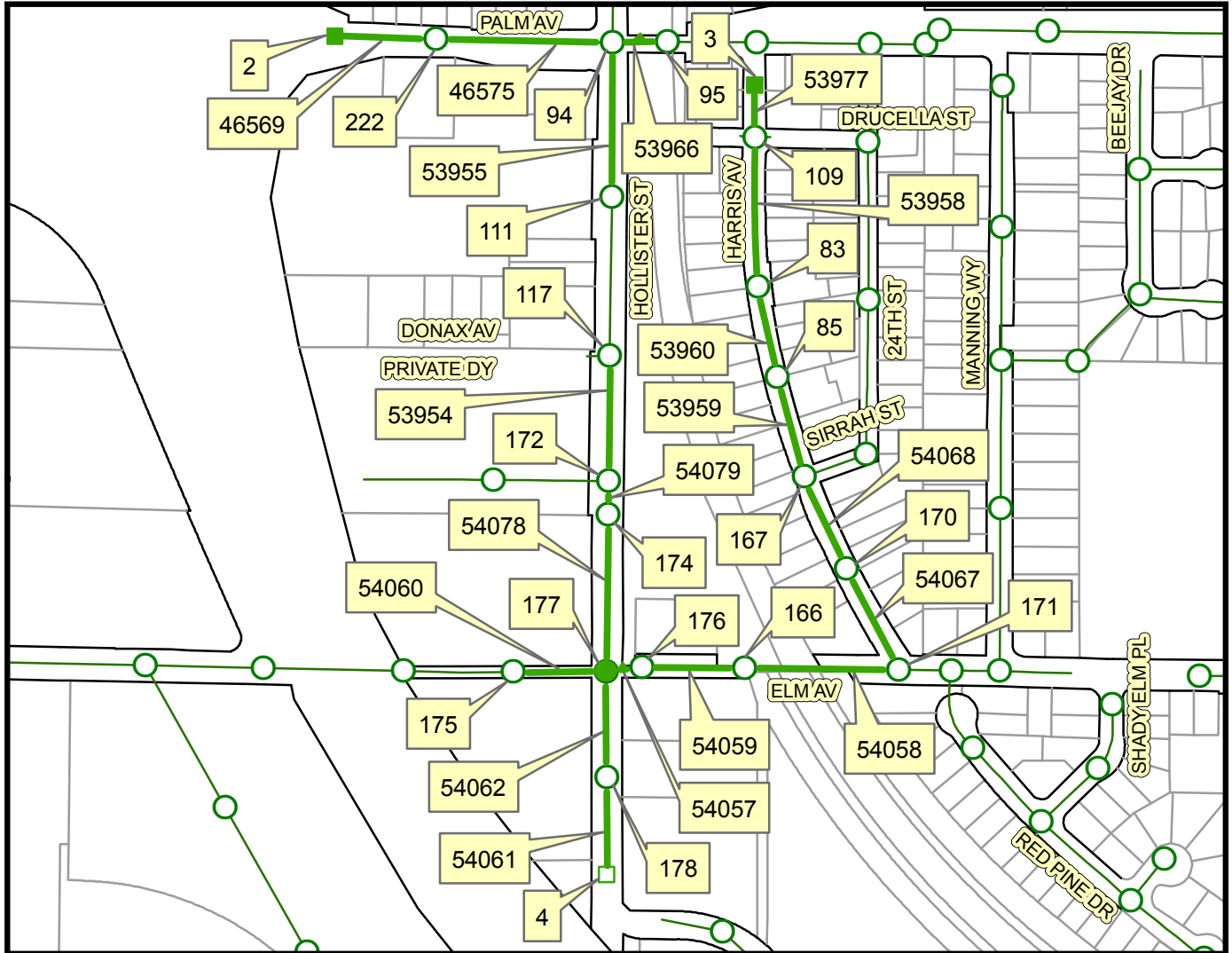
Appendix I – Rehab R-1 Pipeline Rehab Maps Pipeline Rehabilitation R-1



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PIPELINE REHABILITATION R-1



Legend

- Proposed Cleanout
- Replace Existing Cleanout
- Proposed Rehab Manhole
- Existing Pipe & Manhole
- Proposed Rehab Pipe
- ▲— Proposed Point Repair
- 123 Manhole ID
- 12345 Facility Sequence Number (FSN)



SHEET NO. 2

THOMAS BROS.:
1330B7

COMMUNITY NAME: OTAY MESA - NESTOR

COUNCIL DISTRICT: 8

SAP ID: B-11062 (S)

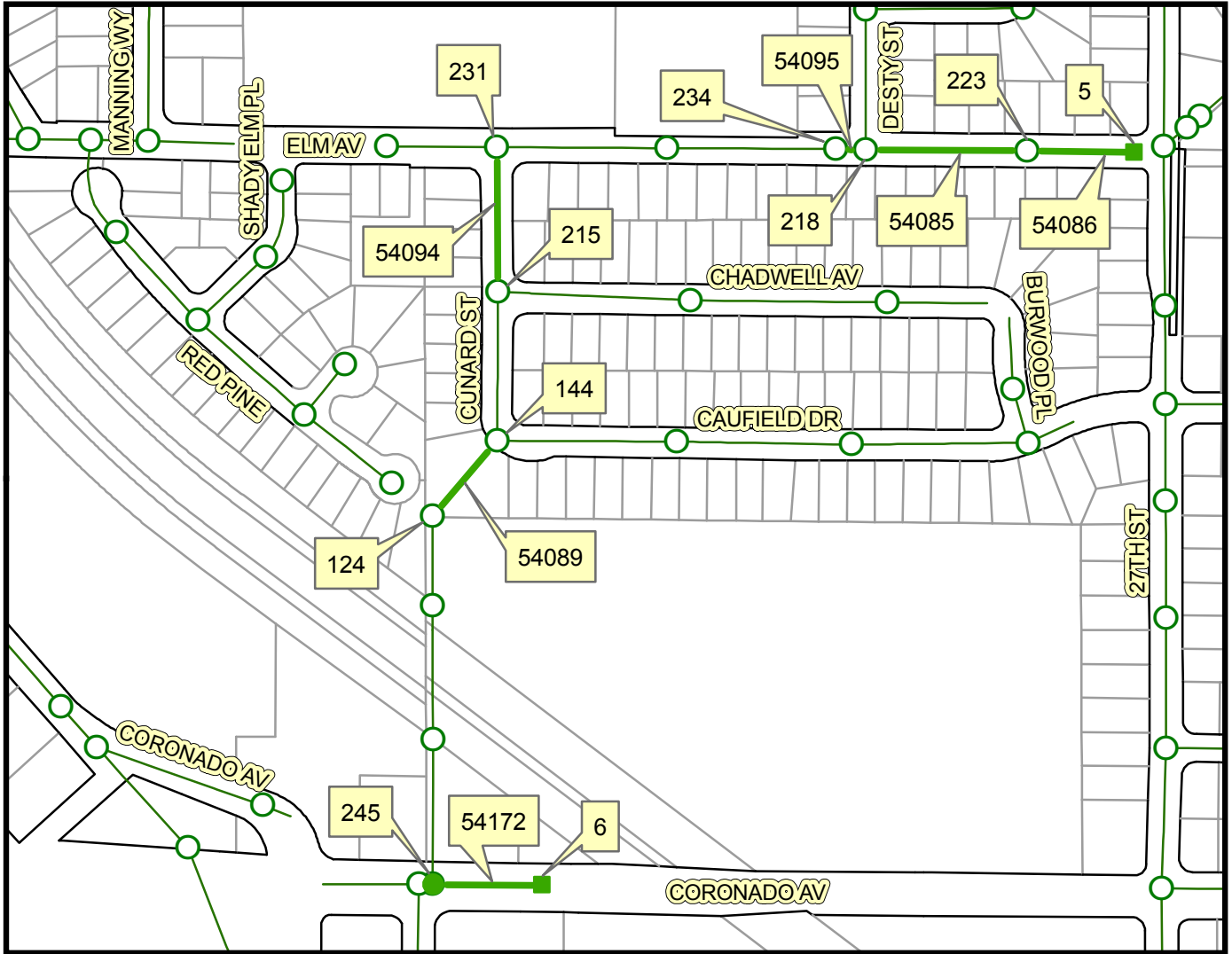
Date: August 29, 2011



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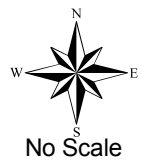


PIPELINE REHABILITATION R-1



Legend

- Proposed Cleanout
- Proposed Rehab Manhole
- Existing Pipe & Manhole
- Proposed Rehab Pipe
- 123 Manhole ID
- 12345 Facility Sequence Number (FSN)



SHEET NO. 3	THOMAS BROS.: 1330B7, 1330C7
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COMMUNITY NAME: OTAY MESA - NESTOR COUNCIL DISTRICT: 8

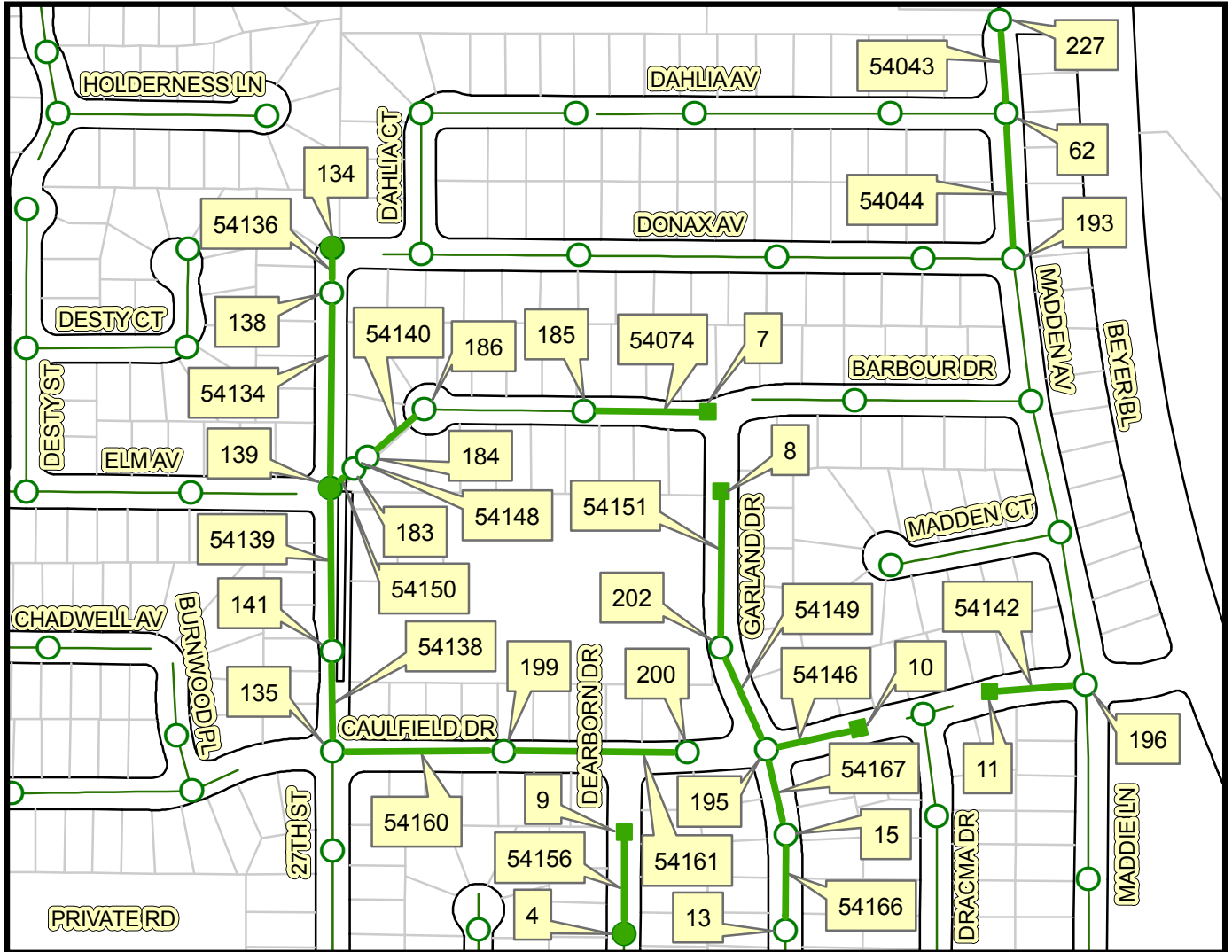
SAP ID: B-11062 (S)



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PIPELINE REHABILITATION R-1



Legend

- Proposed Cleanout
- Proposed Rehab Manhole
- Existing Pipe & Manhole
- Proposed Rehab Pipe
- 123 Manhole ID
- 12345 Facility Sequence Number (FSN)



SHEET NO. 4	THOMAS BROS.: 1330C7
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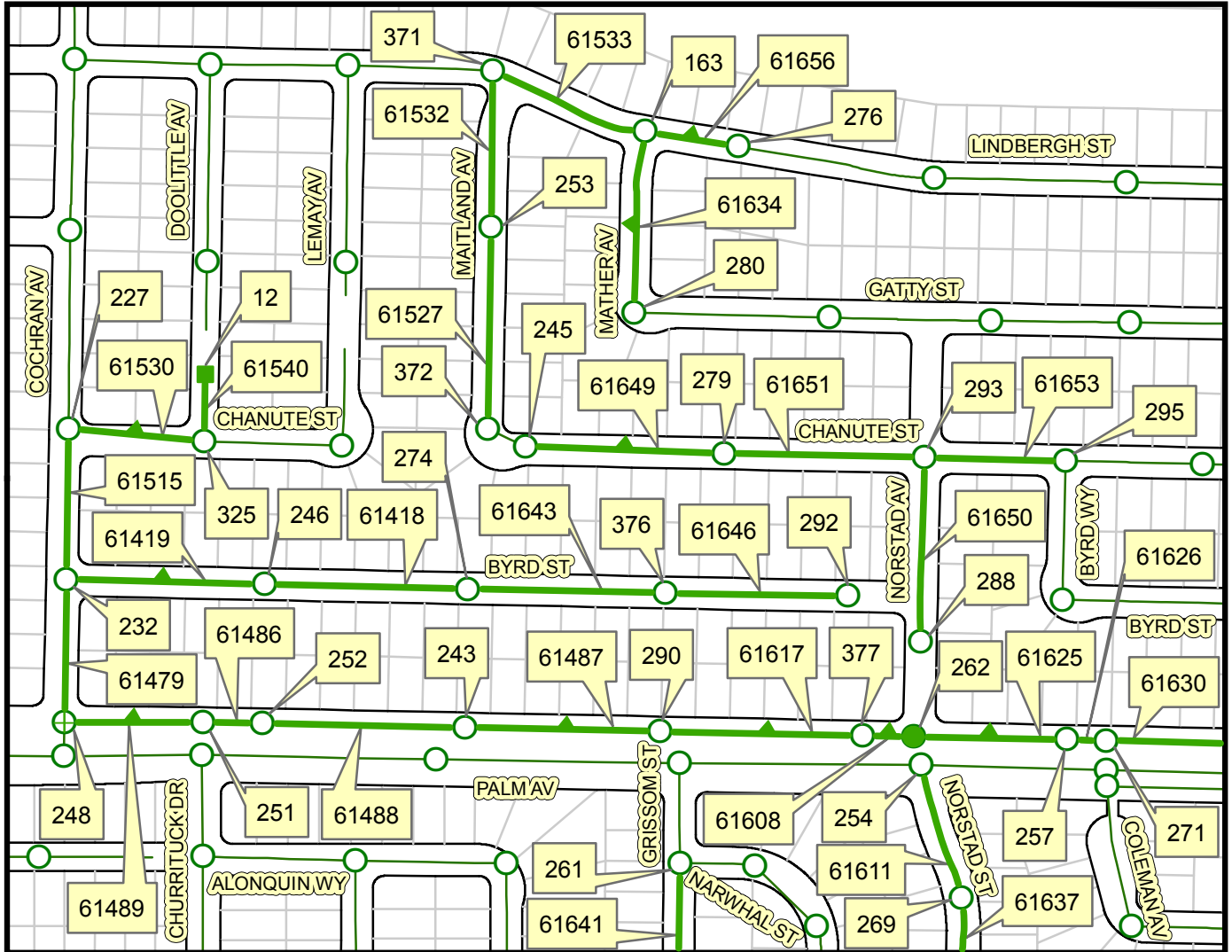
COMMUNITY NAME: OTAY MESA - NESTOR COUNCIL DISTRICT: 8 SAP ID: B-11062 (S)



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PIPELINE REHABILITATION R-1



Legend

- Proposed Cleanout
- Proposed Rehab Manhole
- + Proposed Manhole Replacement
- Existing Pipe & Manhole
- Proposed Rehab Pipe
- Proposed Point Repair
- 123 Manhole ID
- 12345 Facility Sequence Number (FSN)



SHEET NO. 5	THOMAS BROS.: 1330E7, 1330E9, 1330E10, 1330F7
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COMMUNITY NAME: OTAY MESA - NESTOR COUNCIL DISTRICT: 8

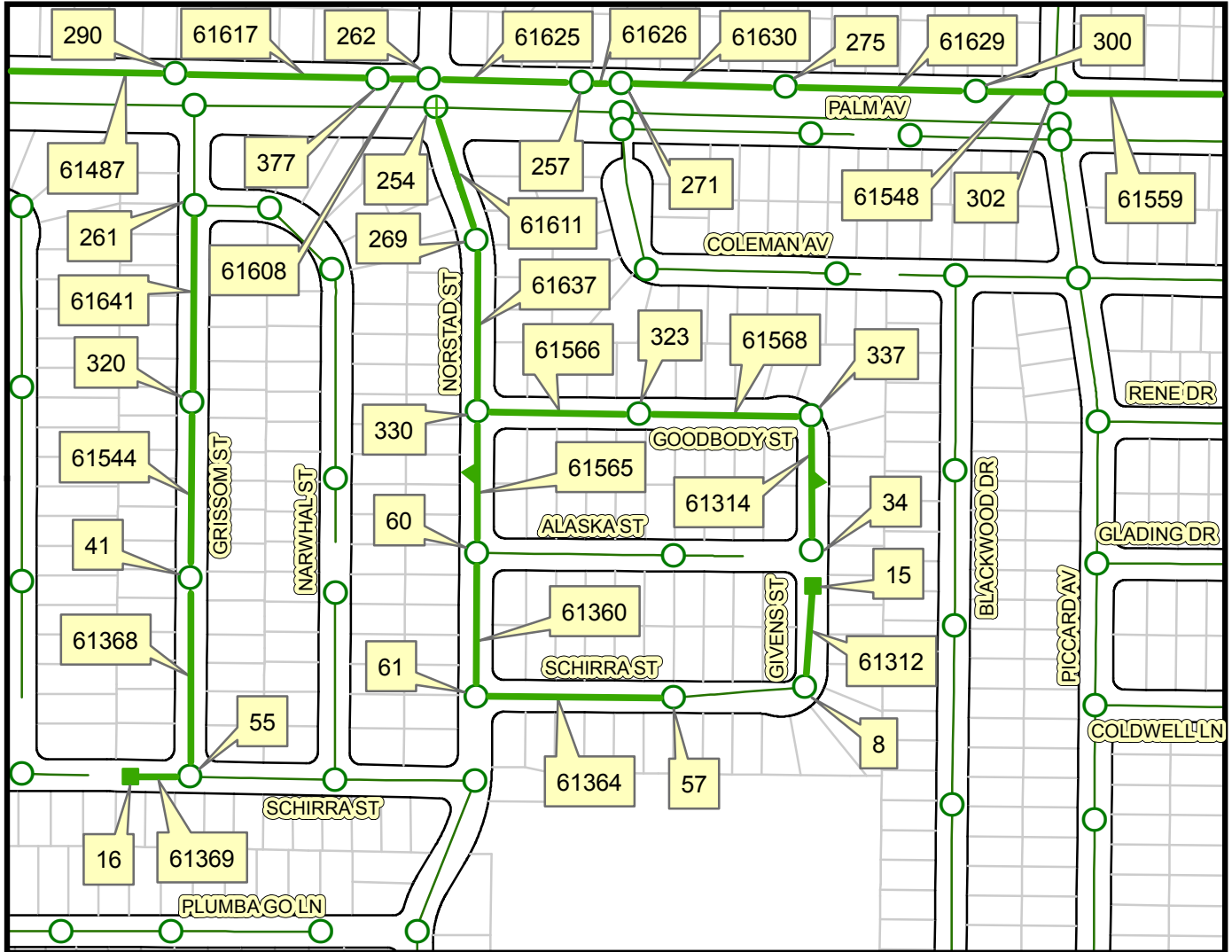
SAP ID: B-11062 (S)








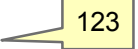
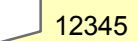
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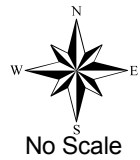


PIPELINE REHABILITATION R-1



Legend

-  Proposed Cleanout
-  Proposed Manhole Replacement
-  Existing Pipe & Manhole
-  Proposed Rehab Pipe
-  Proposed Point Repair
-  Manhole ID
-  Facility Sequence Number (FSN)



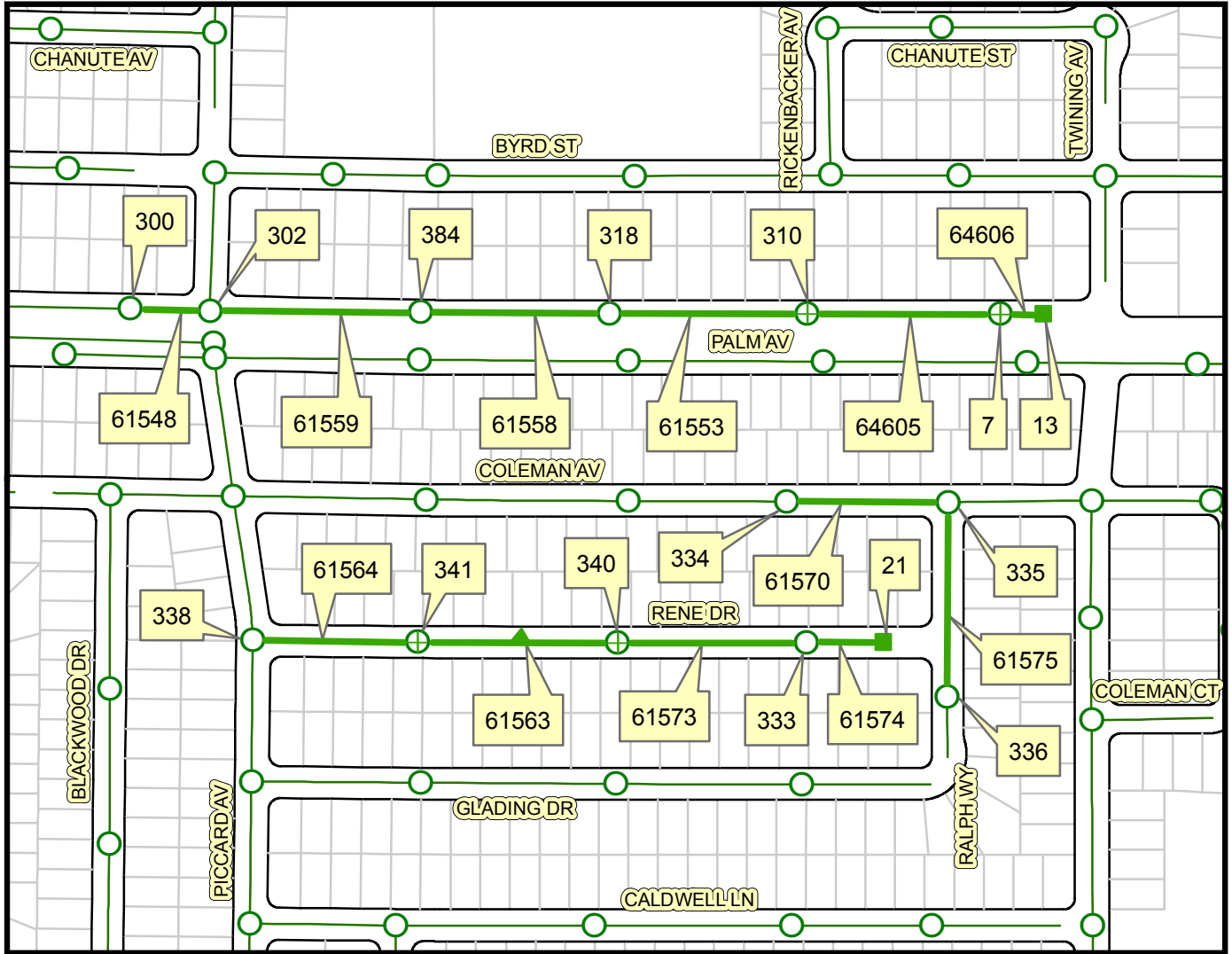
SHEET NO. 6	THOMAS BROS.: 1330E9, 1330E10
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COMMUNITY NAME: OTAY MESA - NESTOR COUNCIL DISTRICT: 8 SAP ID: B-11062

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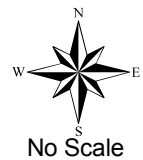


PIPELINE REHABILITATION R-1



Legend

- Proposed Cleanout
- Proposed Manhole Replacement
- Existing Pipe & Manhole
- Proposed Rehab Pipe
- Proposed Point Repair
- Manhole ID
- Facility Sequence Number (FSN)



SHEET NO. 7	THOMAS BROS.: 1330F7
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COMMUNITY NAME: OTAY MESA - NESTOR COUNCIL DISTRICT: 8

SAP ID: B-11062 (S)

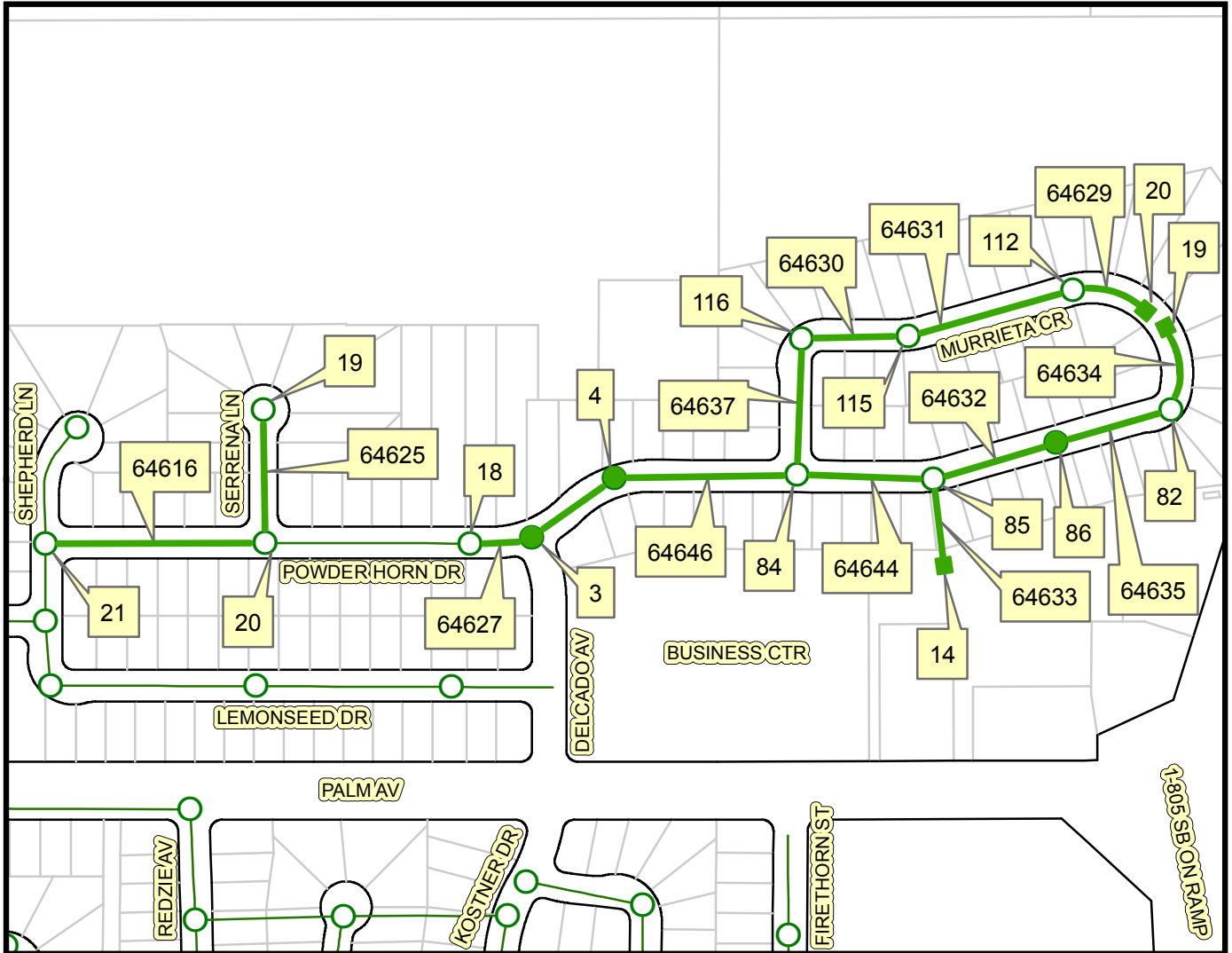


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PIPELINE REHABILITATION R-1

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Legend

- Proposed Cleanout
- Proposed Rehab Manhole
- Existing Pipe & Manhole
- Proposed Rehab Pipe
- 123 Manhole ID
- 12345 Facility Sequence Number (FSN)



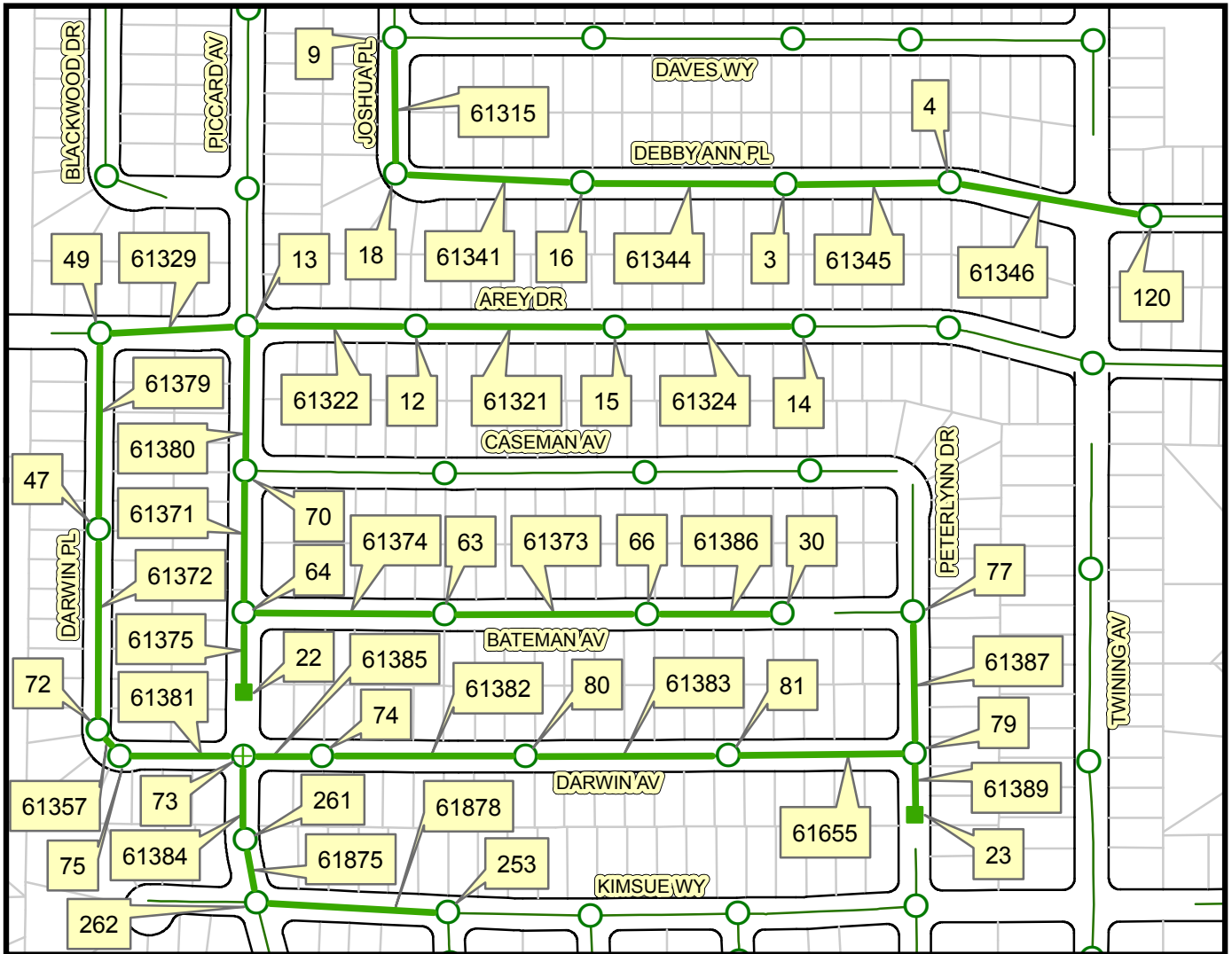
SHEET NO. 8	THOMAS BROS.: 1330G67
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COMMUNITY NAME: OTAY MESA - NESTOR COUNCIL DISTRICT: 8 SAP ID: B-11062 (S)



PIPELINE REHABILITATION R-1

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Legend

- Proposed Cleanout
- ⊕ Proposed Manhole Replacement
- Existing Pipe & Manhole
- Proposed Rehab Pipe
- 123 Manhole ID
- 12345 Facility Sequence Number (FSN)

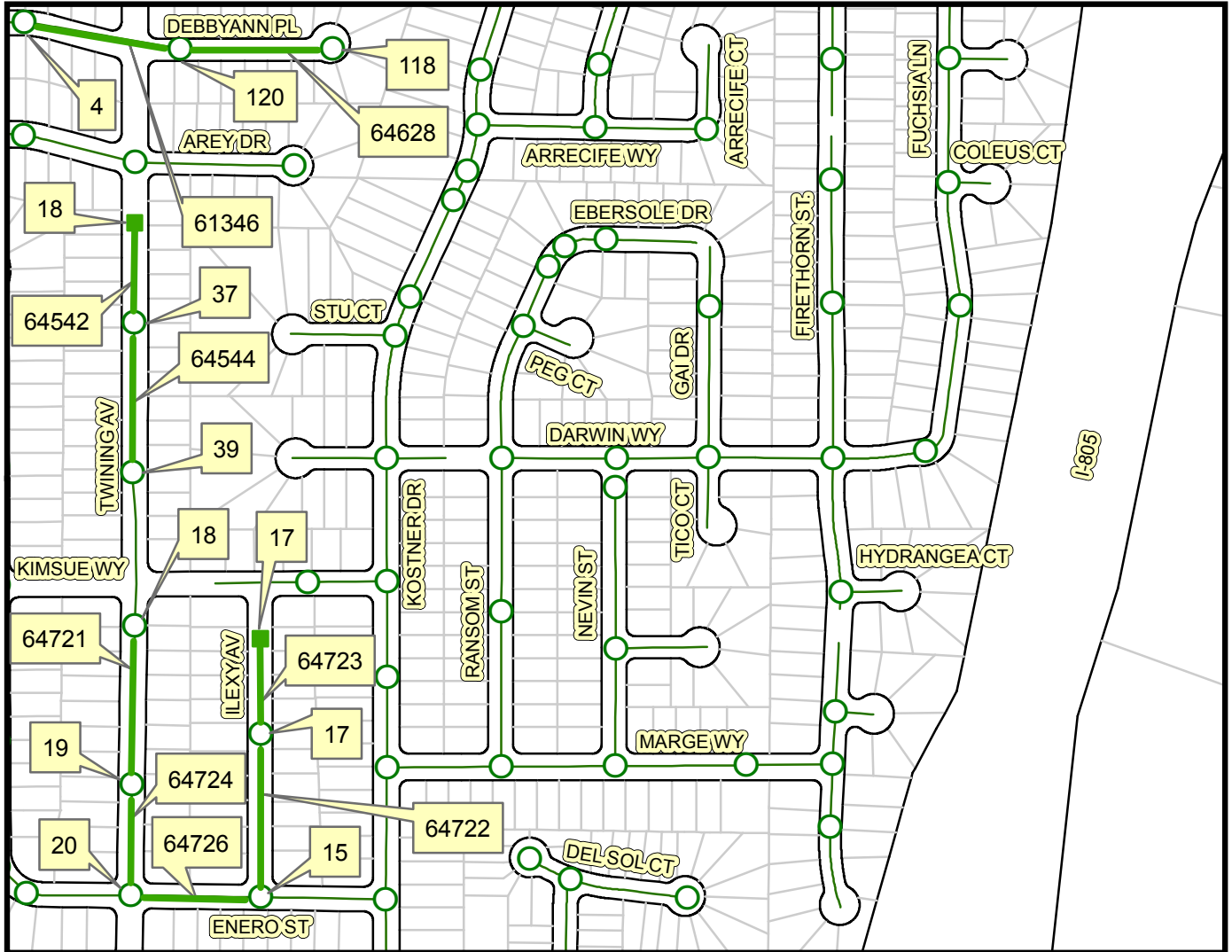


SHEET NO. 9	THOMAS BROS.: 1330F1, 1300F7
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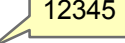
COMMUNITY NAME: OTAY MESA - NESTOR COUNCIL DISTRICT: 8 SAP ID: B-11062 (S)



PIPELINE REHABILITATION R-1



Legend

-  Proposed Cleanout
-  Existing Pipe & Manhole
-  Proposed Rehab Pipe
-  Manhole ID
-  Facility Sequence Number (FSN)



SHEET NO. 10	THOMAS BROS.: 1350F1, 1350G1, 1330F7
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COMMUNITY NAME: OTAY MESA - NESTOR COUNCIL DISTRICT: 8

SAP ID: B-11062 (S)



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APPENDIX J

Rehab R-1 Sewer Laterals Summary Tables

SUMMARY OF
PIPELINE RAHABILITATION R1 - SEWER LATERALS

Sheet #	Lateral #	LATERAL FSN	FIELD BOOK PG	LATERAL SIZE	STREET #	STREET NAME	THOMAS BRO.
Sheet 1	1	273353	K34S	4"	2286	CITRUS AV	1330B7
Sheet 1	2	273375	J34S	4"	2239	CITRUS AV	1330B7
Sheet 1	3	273380	K34S	4"	2283	CITRUS AV	1330B7
Sheet 1	4	273335	J34S	4"	2238	CITRUS AV	1330B7
Sheet 1	5	273374	J34S	4"	2233	CITRUS AV	1330B7
Sheet 1	6	370614	K34S	4"	2267	CITRUS AV	1330B7
Sheet 1	7	273350	K34S	4"	2272	CITRUS AV	1330B7
Sheet 1	8	273352	K34S	4"	2276	CITRUS AV	1330B7
Sheet 1	9	370616	K34S	4"	2273	CITRUS AV	1330B7
Sheet 1	10	370617	K34S	4"	2222	CITRUS AV	1330B7
Sheet 1	11	273337	J34S	4"	2244	CITRUS AV	1330B7
Sheet 1	12	273343	J34S	4"	2256	CITRUS AV	1330B7
Sheet 1	13	370611	J34S	4"	2245	CITRUS AV	1330B7
Sheet 1	14	273340	J34S	4"	2252	CITRUS AV	1330B7
Sheet 1	15	273377	J34S	4"	2249	CITRUS AV	1330B7
Sheet 1	16	273131	J34S	4"	2202	CONIFER AV	1330B7
Sheet 1	17	273132	J34S	4"	2202	CONIFER AV	1330B7
Sheet 1	18	273167	J34S	4"	2243	CONIFER AV	1330B7
Sheet 1	19	273174	J34S	4"	2235	CONIFER AV	1330B7
Sheet 1	20	5482771	K34S	4"	2281	CONIFER AV	1330B7
Sheet 1	21	273177	K34S	4"	2291	CONIFER AV	1330B7
Sheet 1	22	273135	J34S	4"	2258	CONIFER AV	1330B7
Sheet 1	23	370499	K34S	4"	2291	CONIFER AV	1330B7
Sheet 1	24	273176	J34S	4"	2239	CONIFER AV	1330B7
Sheet 1	25	273172	J34S	4"	2221	CONIFER AV	1330B7
Sheet 1	26	273173	J34S	4"	2229	CONIFER AV	1330B7
Sheet 1	27	370494	J34S	4"	2255	CONIFER AV	1330B7
Sheet 1	28	370497	K34S	4"	2271	CONIFER AV	1330B7
Sheet 1	29	273136	J34S	4"	2286	CONIFER AV	1330B7
Sheet 1	30	273136	K34S	4"	530	HOLLISTER ST	1330B7
Sheet 1	31	370548	K34S	4"	632	HOLLISTER ST	1330B7
Sheet 1	32	370722	K34S	4"	680	HOLLISTER ST	1330B7
Sheet 1	33	273227	K34S	4"	622	HOLLISTER ST	1330B7
Sheet 1	34	273282	K34S	4"	638	HOLLISTER ST	1330B7
Sheet 1	35	370675	K34S	4"	N/A	HOLLISTER ST	1330B7
Sheet 1	36	273509	J34S	4"	2258	PALM AV	1330B7
Sheet 1	37	370718	J34S	4"	2264	PALM AV	1330B7
Sheet 1	38	370770	J34S	4"	2255	PALM AV	1330B7
Sheet 1	39	273678	K34S	4"	2261	PALM AV	1330B7
Sheet 1	40	370720	K34S	4"	2284	PALM AV	1330B7
Sheet 1	41	370719	K34S	4"	2272	PALM AV	1330B7
Sheet 1	42	370781	K34S	4"	2295	PALM AV	1330B7
Sheet 1	43	370717	J34S	4"	2255	PALM AV	1330B7

Sheet 2	44	274530	K34S	4"	2696	ELM AV	1330C7
Sheet 2	45	371421	K34S	4"	2316	ELM AV	1330B7
Sheet 2	46	274762	K34S	4"	2255	ELM AV	1330B7
Sheet 2	47	371470	K34S	4"	2627	ELM AV	1330C7
Sheet 2	48	274528	K34S	4"	2676	ELM AV	1330C7
Sheet 2	49	274529	K34S	4"	2686	ELM AV	1330C7
Sheet 2	50	371476	K34S	4"	2683	ELM AV	1330C7
Sheet 2	51	274555	K34S	4"	2255	ELM AV	1330B7
Sheet 2	52	371475	K34S	4"	2675	ELM AV	1330C7
Sheet 2	53	273841	K34S	4"	782	HARRIS AV	1330B7
Sheet 2	54	274047	K34S	4"	814	HARRIS AV	1330B7
Sheet 2	55	371107	K34S	4"	804	HARRIS AV	1330B7
Sheet 2	56	274299	K34S	4"	852	HARRIS AV	1330B7
Sheet 2	57	274485	K34S	4"	883	HARRIS AV	1330B7
Sheet 2	58	273875	K34S	4"	791	HARRIS AV	1330B7
Sheet 2	59	273765	K34S	4"	766	HARRIS AV	1330B7
Sheet 2	60	273894	K34S	4"	791	HARRIS AV	1330B7
Sheet 2	61	371371	K34S	4"	875	HARRIS AV	1330B7
Sheet 2	62	378208	K34S	4"	706	HARRIS AV	1330B7
Sheet 2	63	5614254	K34S	4"	830	HARRIS AV	1330B7
Sheet 2	64	274265	K34S	4"	847	HARRIS AV	1330B7
Sheet 2	65	370892	K34S	4"	758	HARRIS AV	1330B7
Sheet 2	66	371019	K34S	4"	792	HARRIS AV	1330B7
Sheet 2	67	274285	K34S	4"	863	HARRIS AV	1330B7
Sheet 2	68	370827	K34S	4"	735	HARRIS AV	1330B7
Sheet 2	69	371172	K34S	4"	826	HARRIS AV	1330B7
Sheet 2	70	5538998	K34S	4"	852	HARRIS AV	1330B7
Sheet 2	71	274458	K34S	4"	874	HARRIS AV	1330B7
Sheet 2	72	273930	K34S	4"	798	HARRIS AV	1330B7
Sheet 2	73	371388	K34S	4"	881	HARRIS AV	1330B7
Sheet 2	74	274342	K34S	4"	871	HARRIS AV	1330B7
Sheet 2	75	273687	K34S	4"	750	HARRIS AV	1330B7
Sheet 2	76	273795	K34S	4"	772	HARRIS AV	1330B7
Sheet 2	77	370980	K34S	4"	777	HARRIS AV	1330B7
Sheet 2	78	371154	K34S	4"	820	HARRIS AV	1330B7
Sheet 2	79	273566	K34S	4"	715	HARRIS AV	1330B7
Sheet 2	80	274192	K34S	4"	836	HARRIS AV	1330B7
Sheet 2	81	371131	K34S	4"	809	HARRIS AV	1330B7
Sheet 2	82	378816	K34S	4"	858	HARRIS AV	1330B7
Sheet 2	83	378817	K34S	4"	866	HARRIS AV	1330B7
Sheet 2	84	378818	K34S	4"	N/A	HARRIS AV	1330B7
Sheet 2	85	370840	K34S	4"	N/A	HARRIS AV	1330B7
Sheet 2	86	378209	K34S	4"	N/A	HARRIS AV	1330B7
Sheet 2	87	370779	K34S	4"	N/A	HARRIS AV	1330B7
Sheet 2	88	371005	K34S	4"	N/A	HARRIS AV	1330B7
Sheet 2	89	370937	K34S	4"	N/A	HARRIS AV	1330B7

Sheet 2	90	371060	K34S	4"	N/A	HARRIS AV	1330B7
Sheet 2	91	378811	K34S	4"	N/A	HARRIS AV	1330B7
Sheet 2	92	371428	K34S	4"	874	HOLLISTER ST	1330B7
Sheet 2	93	274510	K34S	4"	874	HOLLISTER ST	1330B7
Sheet 2	94	371249	K34S	4"	825	HOLLISTER ST	1330B7
Sheet 2	95	371501	K34S	4"	905	HOLLISTER ST	1330B7
Sheet 2	96	274750	K34S	4"	935	HOLLISTER ST	1330B7
Sheet 2	97	371518	K34S	4"	919	HOLLISTER ST	1330B7
Sheet 2	98	274233	K34S	4"	843	SIRRAH ST	1330B7
Sheet 3	99	371748	K34S	4"	2507	CAULFIELD DR	1350B1
Sheet 3	100	372066	K34S	4"	2509	CORONADO AV	1350B1
Sheet 3	101	275413	K34S	4"	2540	CORONADO AV	1350B1
Sheet 3	102	371715	K34S	4"	992	CUNARD ST	1330B7
Sheet 3	103	371508	K34S	4"	928	CUNARD ST	1330B7
Sheet 3	104	274581	K34S	4"	910	CUNARD ST	1330B7
Sheet 3	105	371546	K34S	4"	944	CUNARD ST	1330B7
Sheet 3	106	371526	K34S	4"	936	CUNARD ST	1330B7
Sheet 3	107	274520	K34S	4"	935	DESTY ST	1330C7
Sheet 3	108	274522	K34S	4"	2644	ELM AV	1330C7
Sheet 3	109	274524	K34S	4"	2656	ELM AV	1330C7
Sheet 3	110	274594	K34S	4"	2635	ELM AV	1330C7
Sheet 3	111	274526	K34S	4"	2666	ELM AV	1330C7
Sheet 3	112	371471	K34S	4"	2651	ELM AV	1330C7
Sheet 3	113	371474	K34S	4"	2667	ELM AV	1330C7
Sheet 3	114	371473	K34S	4"	2659	ELM AV	1330C7
Sheet 4	115	274156	K34S	4"	872	27TH ST	1330C7
Sheet 4	116	274181	K34S	4"	882	27TH ST	1330C7
Sheet 4	117	371551	K34S	4"	952	27TH ST	1330C7
Sheet 4	118	371318	K34S	4"	902	27TH ST	1330C7
Sheet 4	119	371523	K34S	4"	938	27TH ST	1330C7
Sheet 4	120	274336	K34S	4"	904	27TH ST	1330C7
Sheet 4	121	274785	K34S	4"	980	27TH ST	1330C7
Sheet 4	122	274417	K34S	4"	906	27TH ST	1330C7
Sheet 4	123	274242	K34S	4"	892	27TH ST	1330C7
Sheet 4	124	371490	K34S	4"	924	27TH ST	1330C7
Sheet 4	125	274848	K34S	4"	994	27TH ST	1330C7
Sheet 4	126	371579	K34S	4"	966	27TH ST	1330C7
Sheet 4	127	371463	K34S	4"	910	27TH ST	1330C7
Sheet 4	128	274411	K34S	4"	2706	BARBOUR DR	1330C7
Sheet 4	129	274421	K34S	4"	2796	BARBOUR DR	1330C7
Sheet 4	130	371381	K34S	4"	2786	BARBOUR DR	1330C7
Sheet 4	131	274490	K34S	4"	2787	BARBOUR DR	1330C7
Sheet 4	132	274491	K34S	4"	2797	BARBOUR DR	1330C7
Sheet 4	133	371377	K34S	4"	2776	BARBOUR DR	1330C7
Sheet 4	134	274484	K34S	4"	2767	BARBOUR DR	1330C7

Sheet 4	135	371394	K34S	4"	2707	BARBOUR DR	1330C7
Sheet 4	136	274415	K34S	4"	2766	BARBOUR DR	1330C7
Sheet 4	137	274488	K34S	4"	2777	BARBOUR DR	1330C7
Sheet 4	138	274410	K34S	4"	2716	BARBOUR DR	1330C7
Sheet 4	139	274861	K34S	4"	2840	CAULFIELD DR	1330C7
Sheet 4	140	274880	K34S	4"	2746	CAULFIELD DR	1330C7
Sheet 4	141	274882	K34S	4"	2722	CAULFIELD DR	1330C7
Sheet 4	142	371660	K34S	4"	2824	CAULFIELD DR	1330C7
Sheet 4	143	274879	K34S	4"	2758	CAULFIELD DR	1330C7
Sheet 4	144	274881	K34S	4"	2770	CAULFIELD DR	1330C7
Sheet 4	145	274883	K34S	4"	2792	CAULFIELD DR	1330C7
Sheet 4	146	371611	K34S	4"	2880	CAULFIELD DR	1330C7
Sheet 4	147	371664	K34S	4"	2734	CAULFIELD DR	1330C7
Sheet 4	148	274792	K34S	4"	2870	CAULFIELD DR	1330C7
Sheet 4	149	371670	K34S	4"	2873	CAULFIELD DR	1330C7
Sheet 4	150	371694	K34S	4"	2829	CAULFIELD DR	1330C7
Sheet 4	151	371702	K34S	4"	2769	CAULFIELD DR	1330C7
Sheet 4	152	371705	K34S	4"	2805	CAULFIELD DR	1330C7
Sheet 4	153	371669	K34S	4"	2816	CAULFIELD DR	1330C7
Sheet 4	154	274917	K34S	4"	2721	CAULFIELD DR	1330C7
Sheet 4	155	371667	K34S	4"	2782	CAULFIELD DR	1330C7
Sheet 4	156	371668	K34S	4"	2804	CAULFIELD DR	1330C7
Sheet 4	157	371652	K34S	4"	2830	CAULFIELD DR	1330C7
Sheet 4	158	371701	K34S	4"	2745	CAULFIELD DR	1330C7
Sheet 4	159	371697	K34S	4"	2709	CAULFIELD DR	1330C7
Sheet 4	160	371698	K34S	4"	2733	CAULFIELD DR	1330C7
Sheet 4	161	371703	K34S	4"	2781	CAULFIELD DR	1330C7
Sheet 4	162	371607	K34S	4"	2890	CAULFIELD DR	1330C7
Sheet 4	163	371665	K34S	4"	2710	CAULFIELD DR	1330C7
Sheet 4	164	371679	K34S	4"	2837	CAULFIELD DR	1330C7
Sheet 4	165	371700	K34S	4"	2757	CAULFIELD DR	1330C7
Sheet 4	166	275011	K34S	4"	1019	DEARBORN DR	1350C1
Sheet 4	167	371761	K34S	4"	1012	DEARBORN DR	1350C1
Sheet 4	168	275079	K34S	4"	1035	DEARBORN DR	1350C1
Sheet 4	169	371747	K34S	4"	1011	DEARBORN DR	1330C7
Sheet 4	170	371808	K34S	4"	1028	DEARBORN DR	1350C1
Sheet 4	171	275050	K34S	4"	1027	DEARBORN DR	1350C1
Sheet 4	172	371793	K34S	4"	1020	DEARBORN DR	1350C1
Sheet 4	173	371493	K34S	4"	2705	ELM AV	1330C7
Sheet 4	174	275055	K34S	4"	1027	GARLAND DR	1350C1
Sheet 4	175	371779	K34S	4"	1020	GARLAND DR	1350C1
Sheet 4	176	274656	K34S	4"	950	GARLAND DR	1330C7
Sheet 4	177	371726	K34S	4"	1012	GARLAND DR	1330C7
Sheet 4	178	371510	K34S	4"	950	GARLAND DR	1330C7
Sheet 4	179	274964	K34S	4"	1011	GARLAND DR	1330C7
Sheet 4	180	371586	K34S	4"	983	GARLAND DR	1330C7
Sheet 4	181	274621	K34S	4"	959	GARLAND DR	1330C7

Sheet 4	182	371810	K34S	4"	1036	GARLAND DR	1350C1
Sheet 4	183	275012	K34S	4"	1019	GARLAND DR	1350C1
Sheet 4	184	274687	K34S	4"	971	GARLAND DR	1330C7
Sheet 4	185	371692	K34S	4"	1004	GARLAND DR	1330C7
Sheet 4	186	275080	K34S	4"	1035	GARLAND DR	1350C1
Sheet 4	187	371796	K34S	4"	1028	GARLAND DR	1350C1
Sheet 4	188	371441	K34S	4"	931	GARLAND DR	1330C7
Sheet 4	189	371460	K34S	4"	945	GARLAND DR	1330C7
Sheet 5	190	370635	L34S	4"	3582	BYRD ST	1330E7
Sheet 5	191	370640	L34S	4"	3682	BYRD ST	1330E7
Sheet 5	192	370669	L34S	4"	3611	BYRD ST	1330E7
Sheet 5	193	370678	L34S	4"	3661	BYRD ST	1330E7
Sheet 5	194	273439	L34S	4"	3519	BYRD ST	1330E7
Sheet 5	195	273440	L34S	4"	3535	BYRD ST	1330E7
Sheet 5	196	273444	L34S	4"	3575	BYRD ST	1330E7
Sheet 5	197	370639	L34S	4"	3672	BYRD ST	1330E7
Sheet 5	198	273416	L34S	4"	3652	BYRD ST	1330E7
Sheet 5	199	273443	L34S	4"	3551	BYRD ST	1330E7
Sheet 5	200	273454	L34S	4"	3671	BYRD ST	1330E7
Sheet 5	201	370621	L34S	4"	3512	BYRD ST	1330E7
Sheet 5	202	370668	L34S	4"	3603	BYRD ST	1330E7
Sheet 5	203	273414	L34S	4"	3636	BYRD ST	1330E7
Sheet 5	204	370630	L34S	4"	3550	BYRD ST	1330E7
Sheet 5	205	370662	L34S	4"	3527	BYRD ST	1330E7
Sheet 5	206	370665	L34S	4"	3567	BYRD ST	1330E7
Sheet 5	207	370667	L34S	4"	3599	BYRD ST	1330E7
Sheet 5	208	370674	L34S	4"	3643	BYRD ST	1330E7
Sheet 5	209	273417	L34S	4"	3662	BYRD ST	1330E7
Sheet 5	210	273447	L34S	4"	3691	BYRD ST	1330E7
Sheet 5	211	370622	L34S	4"	3520	BYRD ST	1330E7
Sheet 5	212	370631	L34S	4"	3558	BYRD ST	1330E7
Sheet 5	213	370636	L34S	4"	3590	BYRD ST	1330E7
Sheet 5	214	370664	L34S	4"	3559	BYRD ST	1330E7
Sheet 5	215	370666	L34S	4"	3591	BYRD ST	1330E7
Sheet 5	216	370671	L34S	4"	3627	BYRD ST	1330E7
Sheet 5	217	273408	L34S	4"	3598	BYRD ST	1330E7
Sheet 5	218	273412	L34S	4"	3620	BYRD ST	1330E7
Sheet 5	219	273445	L34S	4"	3583	BYRD ST	1330E7
Sheet 5	220	370627	L34S	4"	3528	BYRD ST	1330E7
Sheet 5	221	370670	L34S	4"	3619	BYRD ST	1330E7
Sheet 5	222	370676	L34S	4"	3651	BYRD ST	1330E7
Sheet 5	223	273413	L34S	4"	3628	BYRD ST	1330E7
Sheet 5	224	273418	L34S	4"	3692	BYRD ST	1330E7
Sheet 5	225	273438	L34S	4"	3511	BYRD ST	1330E7
Sheet 5	226	273442	L34S	4"	3543	BYRD ST	1330E7
Sheet 5	227	273453	L34S	4"	3681	BYRD ST	1330E7

Sheet 5	228	370628	L34S	4"	3536	BYRD ST	1330E7
Sheet 5	229	370629	L34S	4"	3542	BYRD ST	1330E7
Sheet 5	230	370672	L34S	4"	3635	BYRD ST	1330E7
Sheet 5	231	273404	L34S	4"	3574	BYRD ST	1330E7
Sheet 5	232	273410	L34S	4"	3604	BYRD ST	1330E7
Sheet 5	233	273411	L34S	4"	3612	BYRD ST	1330E7
Sheet 5	234	273415	L34S	4"	3644	BYRD ST	1330E7
Sheet 5	235	370632	L34S	4"	3566	BYRD ST	1330E7
Sheet 5	236	273307	L34S	4"	3657	CHANUTE ST	1330E7
Sheet 5	237	273312	L34S	4"	3673	CHANUTE ST	1330E7
Sheet 5	238	370542	L34S	4"	3690	CHANUTE ST	1330E6
Sheet 5	239	370565	L34S	4"	3515	CHANUTE ST	1330E7
Sheet 5	240	370573	L34S	4"	3625	CHANUTE ST	1330E7
Sheet 5	241	370575	L34S	4"	3641	CHANUTE ST	1330E7
Sheet 5	242	273311	L34S	4"	3689	CHANUTE ST	1330E7
Sheet 5	243	273239	L34S	4"	3634	CHANUTE ST	1330E6
Sheet 5	244	273248	L34S	4"	3658	CHANUTE ST	1330E6
Sheet 5	245	273255	L34S	4"	3702	CHANUTE ST	1330E6
Sheet 5	246	370574	L34S	4"	3633	CHANUTE ST	1330E7
Sheet 5	247	273250	L34S	4"	3666	CHANUTE ST	1330E6
Sheet 5	248	273257	L34S	4"	3710	CHANUTE ST	1330E6
Sheet 5	249	273310	L34S	4"	3681	CHANUTE ST	1330E7
Sheet 5	250	273245	L34S	4"	3650	CHANUTE ST	1330E6
Sheet 5	251	273259	L34S	4"	3720	CHANUTE ST	1330E6
Sheet 5	252	370543	L34S	4"	3698	CHANUTE ST	1330E6
Sheet 5	253	273303	L34S	4"	3617	CHANUTE ST	1330E7
Sheet 5	254	370537	L34S	4"	3624	CHANUTE ST	1330E6
Sheet 5	255	273316	L34S	4"	3711	CHANUTE ST	1330E7
Sheet 5	256	273260	L34S	4"	3730	CHANUTE ST	1330E6
Sheet 5	257	370576	L34S	4"	3649	CHANUTE ST	1330E7
Sheet 5	258	370581	L34S	4"	3697	CHANUTE ST	1330E7
Sheet 5	259	273296	L34S	4"	3525	CHANUTE ST	1330E7
Sheet 5	260	273318	L34S	4"	3721	CHANUTE ST	1330E7
Sheet 5	261	273309	L34S	4"	3665	CHANUTE ST	1330E7
Sheet 5	262	273315	L34S	4"	3701	CHANUTE ST	1330E7
Sheet 5	263	273241	L34S	4"	3642	CHANUTE ST	1330E6
Sheet 5	264	273251	L34S	4"	3674	CHANUTE ST	1330E6
Sheet 5	265	370541	L34S	4"	3682	CHANUTE ST	1330E6
Sheet 5	266	370569	L34S	4"	3535	CHANUTE ST	1330E7
Sheet 5	267	273294	L34S	4"	615	COCHRAN AV	1330E7
Sheet 5	268	370610	L34S	4"	633	COCHRAN AV	1330E7
Sheet 5	269	273240	L34S	4"	604	COCHRAN AV	1330E7
Sheet 5	270	370612	L34S	4"	644	COCHRAN AV	1330E7
Sheet 5	271	273436	L34S	4"	672	COCHRAN AV	1330E7
Sheet 5	272	273437	L34S	4"	671	COCHRAN AV	1330E7
Sheet 5	273	273515	L34S	4"	691	COCHRAN AV	1330E7
Sheet 5	274	370626	L34S	4"	660	COCHRAN AV	1330E7

Sheet 5	275	370683	L34S	4"	684	COCHRAN AV	1330E7
Sheet 5	276	370713	L34S	4"	696	COCHRAN AV	1330E7
Sheet 5	277	273300	L34S	4"	616	COCHRAN AV	1330E7
Sheet 5	278	273336	L34S	4"	630	COCHRAN AV	1330E7
Sheet 5	279	273196	L34S	4"	584	DOOLITTLE AV	1330E6
Sheet 5	280	273207	L34S	4"	594	DOOLITTLE AV	1330E6
Sheet 5	281	273195	L34S	4"	583	DOOLITTLE AV	1330E6
Sheet 5	282	370523	L34S	4"	593	DOOLITTLE AV	1330E6
Sheet 5	283	370439	L34S	4"	3616	GATTY ST	1330E6
Sheet 5	284	273001	L34S	4"	3650	LINDBERGH ST	1330E6
Sheet 5	285	273010	L34S	4"	3668	LINDBERGH ST	1330E6
Sheet 5	286	273004	L34S	4"	3656	LINDBERGH ST	1330E6
Sheet 5	287	273006	L34S	4"	3662	LINDBERGH ST	1330E6
Sheet 5	288	370351	L34S	4"	3632	LINDBERGH ST	1330E6
Sheet 5	289	370391	L34S	4"	3661	LINDBERGH ST	1330E6
Sheet 5	290	370344	L34S	4"	3626	LINDBERGH ST	1330E6
Sheet 5	291	272997	L34S	4"	3644	LINDBERGH ST	1330E6
Sheet 5	292	370362	L34S	4"	3638	LINDBERGH ST	1330E6
Sheet 5	293	273041	L34S	4"	532	MAITLAND AV	1330E6
Sheet 5	294	273094	L34S	4"	551	MAITLAND AV	1330E6
Sheet 5	295	370509	L34S	4"	580	MAITLAND AV	1330E6
Sheet 5	296	370402	L34S	4"	531	MAITLAND AV	1330E6
Sheet 5	297	273134	L34S	4"	561	MAITLAND AV	1330E6
Sheet 5	298	273154	L34S	4"	571	MAITLAND AV	1330E6
Sheet 5	299	370430	L34S	4"	552	MAITLAND AV	1330E6
Sheet 5	300	370422	L34S	4"	541	MAITLAND AV	1330E6
Sheet 5	301	273005	L34S	4"	507	MAITLAND AV	1330E6
Sheet 5	302	370417	L34S	4"	542	MAITLAND AV	1330E6
Sheet 5	303	273009	L34S	4"	512	MAITLAND AV	1330E6
Sheet 5	304	273023	L34S	4"	522	MAITLAND AV	1330E6
Sheet 5	305	370516	L34S	4"	590	MAITLAND AV	1330E6
Sheet 5	306	370469	L34S	4"	570	MAITLAND AV	1330E6
Sheet 5	307	370446	L34S	4"	562	MAITLAND AV	1330E6
Sheet 5	308	370539	L34S	4"	598	MAITLAND AV	1330E7
Sheet 5	309	370380	L34S	4"	521	MAITLAND AV	1330E6
Sheet 5	310	273191	L34S	4"	581	MAITLAND AV	1330E6
Sheet 5	311	273210	L34S	4"	591	MAITLAND AV	1330E6
Sheet 5	312	272992	L34S	4"	502	MAITLAND AV	1330E6
Sheet 5	313	370405	L34S	4"	519	MATHER AV	1330E6
Sheet 5	314	273027	L34S	4"	506	MATHER AV	1330E6
Sheet 5	315	370404	L34S	4"	516	MATHER AV	1330E6
Sheet 5	316	370424	L34S	4"	529	MATHER AV	1330E6
Sheet 5	317	273092	L34S	4"	536	MATHER AV	1330E6
Sheet 5	318	273117	L34S	4"	546	MATHER AV	1330E6
Sheet 5	319	370381	L34S	4"	509	MATHER AV	1330E6
Sheet 5	320	370414	L34S	4"	526	MATHER AV	1330E6
Sheet 5	321	370681	L34S	4"	661	NORSTAD AV	1330E7

Sheet 5	322	273370	L34S	4"	631	NORSTAD AV	1330E7
Sheet 5	323	273386	L34S	4"	641	NORSTAD AV	1330E7
Sheet 5	324	273428	L34S	4"	651	NORSTAD AV	1330E7
Sheet 5	325	273537	L34S	4"	3618	PALM AV	1330E7
Sheet 5	326	370726	L34S	4"	3558	PALM AV	1330E7
Sheet 5	327	370739	L34S	4"	3714	PALM AV	1330E7
Sheet 5	328	273536	L34S	4"	3610	PALM AV	1330E7
Sheet 5	329	273538	L34S	4"	3626	PALM AV	1330E7
Sheet 5	330	273518	L34S	4"	3550	PALM AV	1330E7
Sheet 5	331	370732	L34S	4"	3634	PALM AV	1330E7
Sheet 5	332	370733	L34S	4"	3650	PALM AV	1330E7
Sheet 5	333	273514	L34S	4"	3510	PALM AV	1330E7
Sheet 5	334	273516	L34S	4"	3534	PALM AV	1330E7
Sheet 5	335	370724	L34S	4"	3518	PALM AV	1330E7
Sheet 5	336	370741	L34S	4"	3738	PALM AV	1330E7
Sheet 5	337	273517	L34S	4"	3542	PALM AV	1330E7
Sheet 5	338	370727	L34S	4"	3566	PALM AV	1330E7
Sheet 5	339	370731	L34S	4"	3590	PALM AV	1330E7
Sheet 5	340	273534	L34S	4"	3598	PALM AV	1330E7
Sheet 5	341	273539	L34S	4"	3642	PALM AV	1330E7
Sheet 5	342	273540	L34S	4"	3726	PALM AV	1330E7
Sheet 5	343	370725	L34S	4"	3526	PALM AV	1330E7
Sheet 5	344	370729	L34S	4"	3574	PALM AV	1330E7
Sheet 5	345	370734	L34S	4"	3660	PALM AV	1330E7
Sheet 5	346	370730	L34S	4"	3582	PALM AV	1330E7
Sheet 5	347	370737	L34S	4"	3690	PALM AV	1330E7
Sheet 5	348	370738	L34S	4"	3702	PALM AV	1330E7
Sheet 5	349	273535	L34S	4"	3602	PALM AV	1330E7
Sheet 5	350	370736	L34S	4"	3680	PALM AV	1330E7
Sheet 5	351	370735	L34S	4"	3670	PALM AV	1330E7
Sheet 6	352	371168	L34S	4"	3794	ALASKA ST	1330F7
Sheet 6	353	371245	L34S	4"	3797	ALASKA ST	1330F7
Sheet 6	354	273912	L34S	4"	805	GIVENS ST	1330F7
Sheet 6	355	274062	L34S	4"	829	GIVENS ST	1330F7
Sheet 6	356	371209	L34S	4"	847	GIVENS ST	1330F7
Sheet 6	357	274296	L34S	4"	885	GIVENS ST	1330F7
Sheet 6	358	274367	L34S	4"	895	GIVENS ST	1330F7
Sheet 6	359	371277	L34S	4"	865	GIVENS ST	1330F7
Sheet 6	360	371176	L34S	4"	839	GIVENS ST	1330F7
Sheet 6	361	371310	L34S	4"	875	GIVENS ST	1330F7
Sheet 6	362	274200	L34S	4"	857	GIVENS ST	1330F7
Sheet 6	363	273942	L34S	4"	813	GIVENS ST	1330F7
Sheet 6	364	371122	L34S	4"	821	GIVENS ST	1330F7
Sheet 6	365	371048	L34S	4"	3796	GOODBODY ST	1330F7
Sheet 6	366	273978	L34S	4"	3715	GOODBODY ST	1330E7
Sheet 6	367	371040	L34S	4"	3726	GOODBODY ST	1330E7

Sheet 6	368	371103	L34S	4"	3745	GOODBODY ST	1330F7
Sheet 6	369	371105	L34S	4"	3773	GOODBODY ST	1330F7
Sheet 6	370	273976	L34S	4"	3705	GOODBODY ST	1330E7
Sheet 6	371	371044	L34S	4"	3762	GOODBODY ST	1330F7
Sheet 6	372	371046	L34S	4"	3778	GOODBODY ST	1330F7
Sheet 6	373	273984	L34S	4"	3783	GOODBODY ST	1330F7
Sheet 6	374	273904	L34S	4"	3786	GOODBODY ST	1330F7
Sheet 6	375	371042	L34S	4"	3746	GOODBODY ST	1330F7
Sheet 6	376	371101	L34S	4"	3725	GOODBODY ST	1330E7
Sheet 6	377	371106	L34S	4"	3763	GOODBODY ST	1330F7
Sheet 6	378	273900	L34S	4"	3716	GOODBODY ST	1330E7
Sheet 6	379	273979	L34S	4"	3735	GOODBODY ST	1330E7
Sheet 6	380	273901	L34S	4"	3736	GOODBODY ST	1330E7
Sheet 6	381	273980	L34S	4"	3755	GOODBODY ST	1330F7
Sheet 6	382	273985	L34S	4"	3793	GOODBODY ST	1330F7
Sheet 6	383	371039	L34S	4"	3706	GOODBODY ST	1330E7
Sheet 6	384	371043	L34S	4"	3754	GOODBODY ST	1330F7
Sheet 6	385	371045	L34S	4"	3770	GOODBODY ST	1330F7
Sheet 6	386	370974	L34S	4"	756	GRISSOM ST	1330E7
Sheet 6	387	371140	L34S	4"	802	GRISSOM ST	1330E7
Sheet 6	388	274276	L34S	4"	853	GRISSOM ST	1330E7
Sheet 6	389	273905	L34S	4"	775	GRISSOM ST	1330E7
Sheet 6	390	274073	L34S	4"	812	GRISSOM ST	1330E7
Sheet 6	391	273651	L34S	4"	720	GRISSOM ST	1330E7
Sheet 6	392	371274	L34S	4"	842	GRISSOM ST	1330E7
Sheet 6	393	371130	L34S	4"	795	GRISSOM ST	1330E7
Sheet 6	394	371304	L34S	4"	852	GRISSOM ST	1330E7
Sheet 6	395	371009	L34S	4"	765	GRISSOM ST	1330E7
Sheet 6	396	274123	L34S	4"	823	GRISSOM ST	1330E7
Sheet 6	397	274174	L34S	4"	832	GRISSOM ST	1330E7
Sheet 6	398	274372	L34S	4"	874	GRISSOM ST	1330E7
Sheet 6	399	371041	L34S	4"	776	GRISSOM ST	1330E7
Sheet 6	400	370931	L34S	4"	748	GRISSOM ST	1330E7
Sheet 6	401	371240	L34S	4"	833	GRISSOM ST	1330E7
Sheet 6	402	274407	L34S	4"	885	GRISSOM ST	1330E7
Sheet 6	403	273827	L34S	4"	755	GRISSOM ST	1330E7
Sheet 6	404	273948	L34S	4"	785	GRISSOM ST	1330E7
Sheet 6	405	371110	L34S	4"	796	GRISSOM ST	1330E7
Sheet 6	406	370995	L34S	4"	766	GRISSOM ST	1330E7
Sheet 6	407	371320	L34S	4"	862	GRISSOM ST	1330E7
Sheet 6	408	274237	L34S	4"	843	GRISSOM ST	1330E7
Sheet 6	409	273725	L34S	4"	737	GRISSOM ST	1330E7
Sheet 6	410	371369	L34S	4"	886	GRISSOM ST	1330E7
Sheet 6	411	371169	L34S	4"	813	GRISSOM ST	1330E7
Sheet 6	412	370857	L34S	4"	727	GRISSOM ST	1330E7
Sheet 6	413	274121	L34S	4"	822	GRISSOM ST	1330E7
Sheet 6	414	274286	L34S	4"	863	GRISSOM ST	1330E7

Sheet 6	415	371146	L34S	4"	803	GRISSOM ST	1330E7
Sheet 6	416	371348	L34S	4"	873	GRISSOM ST	1330E7
Sheet 6	417	273776	L34S	4"	747	GRISSOM ST	1330E7
Sheet 6	418	370918	L34S	4"	738	GRISSOM ST	1330E7
Sheet 6	419	371064	L34S	4"	786	GRISSOM ST	1330E7
Sheet 6	420	370864	L34S	4"	728	GRISSOM ST	1330E7
Sheet 6	421	273632	L34S	4"	720	NORSTAD ST	1330E7
Sheet 6	422	371175	L34S	4"	828	NORSTAD ST	1330E7
Sheet 6	423	274188	L34S	4"	844	NORSTAD ST	1330E7
Sheet 6	424	273630	L34S	4"	721	NORSTAD ST	1330E7
Sheet 6	425	274370	L34S	4"	884	NORSTAD ST	1330E7
Sheet 6	426	273806	L34S	4"	777	NORSTAD ST	1330E7
Sheet 6	427	274143	L34S	4"	836	NORSTAD ST	1330E7
Sheet 6	428	273837	L34S	4"	770	NORSTAD ST	1330E7
Sheet 6	429	273750	L34S	4"	750	NORSTAD ST	1330E7
Sheet 6	430	273580	L34S	4"	707	NORSTAD ST	1330E7
Sheet 6	431	273866	L34S	4"	780	NORSTAD ST	1330E7
Sheet 6	432	273712	L34S	4"	747	NORSTAD ST	1330E7
Sheet 6	433	273903	L34S	4"	790	NORSTAD ST	1330E7
Sheet 6	434	274057	L34S	4"	820	NORSTAD ST	1330E7
Sheet 6	435	371281	L34S	4"	854	NORSTAD ST	1330E7
Sheet 6	436	371126	L34S	4"	812	NORSTAD ST	1330E7
Sheet 6	437	371326	L34S	4"	874	NORSTAD ST	1330E7
Sheet 6	438	273674	L34S	4"	730	NORSTAD ST	1330E7
Sheet 6	439	273705	L34S	4"	740	NORSTAD ST	1330E7
Sheet 6	440	274270	L34S	4"	864	NORSTAD ST	1330E7
Sheet 6	441	273672	L34S	4"	733	NORSTAD ST	1330E7
Sheet 6	442	273791	L34S	4"	760	NORSTAD ST	1330E7
Sheet 6	443	370793	L34S	4"	710	NORSTAD ST	1330E7
Sheet 6	444	273758	L34S	4"	761	NORSTAD ST	1330E7
Sheet 6	445	371092	L34S	4"	804	NORSTAD ST	1330E7
Sheet 6	446	273547	L34S	4"	3862	PALM AV	1330F7
Sheet 6	447	370747	L34S	4"	3802	PALM AV	1330F7
Sheet 6	448	370748	L34S	4"	3814	PALM AV	1330F7
Sheet 6	449	273541	L34S	4"	3750	PALM AV	1330E7
Sheet 6	450	273545	L34S	4"	3838	PALM AV	1330F7
Sheet 6	451	273546	L34S	4"	3850	PALM AV	1330F7
Sheet 6	452	370744	L34S	4"	3772	PALM AV	1330F7
Sheet 6	453	370746	L34S	4"	3792	PALM AV	1330F7
Sheet 6	454	370745	L34S	4"	3782	PALM AV	1330F7
Sheet 6	455	273548	L34S	4"	3874	PALM AV	1330F7
Sheet 6	456	370742	L34S	4"	3762	PALM AV	1330F7
Sheet 6	457	370750	L34S	4"	3826	PALM AV	1330F7
Sheet 6	458	273551	L34S	4"	3886	PALM AV	1330F7
Sheet 6	459	274332	L34S	4"	3744	SCHIRRA ST	1330F7
Sheet 6	460	274519	L34S	4"	3597	SCHIRRA ST	1330E7
Sheet 6	461	371382	L34S	4"	3747	SCHIRRA ST	1330F7

Sheet 6	462	274331	L34S	4"	3734	SCHIRRA ST	1330E7
Sheet 6	463	371434	L34S	4"	3589	SCHIRRA ST	1330E7
Sheet 6	464	274420	L34S	4"	3737	SCHIRRA ST	1330F7
Sheet 6	465	274521	L34S	4"	3603	SCHIRRA ST	1330E7
Sheet 6	466	371378	L34S	4"	3721	SCHIRRA ST	1330E7
Sheet 6	467	274333	L34S	4"	3754	SCHIRRA ST	1330F7
Sheet 6	468	274329	L34S	4"	3714	SCHIRRA ST	1330E7
Sheet 6	469	274330	L34S	4"	3724	SCHIRRA ST	1330E7
Sheet 6	470	371380	L34S	4"	3729	SCHIRRA ST	1330E7
Sheet 6	471	274416	L34S	4"	3713	SCHIRRA ST	1330E7
Sheet 6	472	371337	L34S	4"	3704	SCHIRRA ST	1330E7
Sheet 6	473	274418	L34S	4"	3705	SCHIRRA ST	1330E7
Sheet 7	474	370952	L34S	4"	4047	COLEMAN AV	1330F7
Sheet 7	475	370953	L34S	4"	4055	COLEMAN AV	1330F7
Sheet 7	476	370954	L34S	4"	4063	COLEMAN AV	1330F7
Sheet 7	477	273741	L34S	4"	4042	COLEMAN AV	1330F7
Sheet 7	478	370911	L34S	4"	4050	COLEMAN AV	1330F7
Sheet 7	479	370955	L34S	4"	4071	COLEMAN AV	1330F7
Sheet 7	480	273740	L34S	4"	4034	COLEMAN AV	1330F7
Sheet 7	481	273743	L34S	4"	4058	COLEMAN AV	1330F7
Sheet 7	482	370912	L34S	4"	4064	COLEMAN AV	1330F7
Sheet 7	483	370757	L34S	4"	3926	PALM AV	1330F7
Sheet 7	484	273559	L34S	4"	4066	PALM AV	1330F7
Sheet 7	485	273560	M34S	4"	4082	PALM AV	1330F7
Sheet 7	486	370763	L34S	4"	3966	PALM AV	1330F7
Sheet 7	487	370767	L34S	4"	3998	PALM AV	1330F7
Sheet 7	488	273554	L34S	4"	3974	PALM AV	1330F7
Sheet 7	489	273556	L34S	4"	4050	PALM AV	1330F7
Sheet 7	490	370754	L34S	4"	3902	PALM AV	1330F7
Sheet 7	491	370755	L34S	4"	3910	PALM AV	1330F7
Sheet 7	492	370769	L34S	4"	4010	PALM AV	1330F7
Sheet 7	493	370771	L34S	4"	4018	PALM AV	1330F7
Sheet 7	494	370756	L34S	4"	3918	PALM AV	1330F7
Sheet 7	495	370761	L34S	4"	3958	PALM AV	1330F7
Sheet 7	496	370768	L34S	4"	4002	PALM AV	1330F7
Sheet 7	497	370760	L34S	4"	3950	PALM AV	1330F7
Sheet 7	498	273557	L34S	4"	4058	PALM AV	1330F7
Sheet 7	499	370773	L34S	4"	4034	PALM AV	1330F7
Sheet 7	500	370759	L34S	4"	3942	PALM AV	1330F7
Sheet 7	501	370765	L34S	4"	3982	PALM AV	1330F7
Sheet 7	502	273558	M34S	4"	4074	PALM AV	1330F7
Sheet 7	503	370774	L34S	4"	4042	PALM AV	1330F7
Sheet 7	504	370758	L34S	4"	3934	PALM AV	1330F7
Sheet 7	505	370766	L34S	4"	3990	PALM AV	1330F7
Sheet 7	506	370772	L34S	4"	4026	PALM AV	1330F7
Sheet 7	507	273883	L34S	4"	751	RALPH WY	1330F7

Sheet 7	508	273829	M34S	4"	737	RALPH WY	1330F7
Sheet 7	509	273966	L34S	4"	757	RALPH WY	1330F7
Sheet 7	510	273863	L34S	4"	745	RALPH WY	1330F7
Sheet 7	511	371114	M34S	4"	767	RALPH WY	1330F7
Sheet 7	512	370943	M34S	4"	727	RALPH WY	1330F7
Sheet 7	513	273992	L34S	4"	3917	RENE DR	1330F7
Sheet 7	514	273909	L34S	4"	3908	RENE DR	1330F7
Sheet 7	515	273997	L34S	4"	4039	RENE DR	1330F7
Sheet 7	516	274002	L34S	4"	4007	RENE DR	1330F7
Sheet 7	517	273911	L34S	4"	3924	RENE DR	1330F7
Sheet 7	518	273918	L34S	4"	4056	RENE DR	1330F7
Sheet 7	519	273920	L34S	4"	3958	RENE DR	1330F7
Sheet 7	520	371054	L34S	4"	4038	RENE DR	1330F7
Sheet 7	521	371112	L34S	4"	3941	RENE DR	1330F7
Sheet 7	522	371117	L34S	4"	4047	RENE DR	1330F7
Sheet 7	523	371118	L34S	4"	3959	RENE DR	1330F7
Sheet 7	524	371120	L34S	4"	3967	RENE DR	1330F7
Sheet 7	525	273999	L34S	4"	4077	RENE DR	1330F7
Sheet 7	526	274004	L34S	4"	3999	RENE DR	1330F7
Sheet 7	527	274006	L34S	4"	3983	RENE DR	1330F7
Sheet 7	528	273923	L34S	4"	3982	RENE DR	1330F7
Sheet 7	529	273924	L34S	4"	3966	RENE DR	1330F7
Sheet 7	530	371111	L34S	4"	3933	RENE DR	1330F7
Sheet 7	531	273869	L34S	4"	4086	RENE DR	1330F7
Sheet 7	532	273998	L34S	4"	4057	RENE DR	1330F7
Sheet 7	533	273914	L34S	4"	3932	RENE DR	1330F7
Sheet 7	534	273921	L34S	4"	4030	RENE DR	1330F7
Sheet 7	535	273922	L34S	4"	4014	RENE DR	1330F7
Sheet 7	536	371051	L34S	4"	3916	RENE DR	1330F7
Sheet 7	537	371094	L34S	4"	4087	RENE DR	1330F7
Sheet 7	538	274000	L34S	4"	4023	RENE DR	1330F7
Sheet 7	539	274003	L34S	4"	3991	RENE DR	1330F7
Sheet 7	540	273917	L34S	4"	4066	RENE DR	1330F7
Sheet 7	541	273919	L34S	4"	4046	RENE DR	1330F7
Sheet 7	542	371052	L34S	4"	3950	RENE DR	1330F7
Sheet 7	543	371056	L34S	4"	4006	RENE DR	1330F7
Sheet 7	544	371059	L34S	4"	3974	RENE DR	1330F7
Sheet 7	545	273916	L34S	4"	4076	RENE DR	1330F7
Sheet 7	546	371055	L34S	4"	4022	RENE DR	1330F7
Sheet 7	547	371058	L34S	4"	3998	RENE DR	1330F7
Sheet 7	548	371109	L34S	4"	3925	RENE DR	1330F7
Sheet 7	549	371115	L34S	4"	4067	RENE DR	1330F7
Sheet 7	550	273991	L34S	4"	3909	RENE DR	1330F7
Sheet 7	551	273995	L34S	4"	3951	RENE DR	1330F7
Sheet 7	552	274001	L34S	4"	4015	RENE DR	1330F7
Sheet 7	553	273915	L34S	4"	3940	RENE DR	1330F7
Sheet 7	554	371057	L34S	4"	3988	RENE DR	1330F7

Sheet 7	555	371116	L34S	4"	4031	RENE DR	1330F7
Sheet 7	556	274005	L34S	4"	3975	RENE DR	1330F7
Sheet 8	557	273192	M34S	4"	4328	MURRIETA CR	1330G6
Sheet 8	558	273102	M34S	4"	4410	MURRIETA CR	1330G6
Sheet 8	559	273150	M34S	4"	4470	MURRIETA CR	1330G6
Sheet 8	560	370473	M34S	4"	4465	MURRIETA CR	1330G6
Sheet 8	561	273100	M34S	4"	4430	MURRIETA CR	1330G6
Sheet 8	562	273110	M34S	4"	4398	MURRIETA CR	1330G6
Sheet 8	563	273155	M34S	4"	4397	MURRIETA CR	1330G6
Sheet 8	564	370455	M34S	4"	4384	MURRIETA CR	1330G6
Sheet 8	565	370462	M34S	4"	4360	MURRIETA CR	1330G6
Sheet 8	566	370467	M34S	4"	4409	MURRIETA CR	1330G6
Sheet 8	567	273186	M34S	4"	4369	MURRIETA CR	1330G6
Sheet 8	568	273116	M34S	4"	4392	MURRIETA CR	1330G6
Sheet 8	569	273141	M34S	4"	4445	MURRIETA CR	1330G6
Sheet 8	570	370478	M34S	4"	4336	MURRIETA CR	1330G6
Sheet 8	571	370520	M34S	4"	4320	MURRIETA CR	1330G6
Sheet 8	572	273180	M34S	4"	4375	MURRIETA CR	1330G6
Sheet 8	573	273194	M34S	4"	4485	MURRIETA CR	1330G6
Sheet 8	574	273203	M34S	4"	4490	MURRIETA CR	1330G6
Sheet 8	575	370479	M34S	4"	4387	MURRIETA CR	1330G6
Sheet 8	576	273187	M34S	4"	4339	MURRIETA CR	1330G6
Sheet 8	577	370438	M34S	4"	4420	MURRIETA CR	1330G6
Sheet 8	578	370441	M34S	4"	4440	MURRIETA CR	1330G6
Sheet 8	579	370444	M34S	4"	4450	MURRIETA CR	1330G6
Sheet 8	580	370464	M34S	4"	4352	MURRIETA CR	1330G6
Sheet 8	581	273165	M34S	4"	4381	MURRIETA CR	1330G6
Sheet 8	582	370461	M34S	4"	4376	MURRIETA CR	1330G6
Sheet 8	583	370488	M34S	4"	4480	MURRIETA CR	1330G6
Sheet 8	584	370506	M34S	4"	4359	MURRIETA CR	1330G6
Sheet 8	585	273104	M34S	4"	4402	MURRIETA CR	1330G6
Sheet 8	586	273142	M34S	4"	4425	MURRIETA CR	1330G6
Sheet 8	587	273146	M34S	4"	4460	MURRIETA CR	1330G6
Sheet 8	588	370466	M34S	4"	4344	MURRIETA CR	1330G6
Sheet 8	589	273144	M34S	4"	4368	MURRIETA CR	1330G6
Sheet 8	590	370534	M34S	4"	4310	MURRIETA CR	1330G6
Sheet 8	591	273317	M34S	4"	4377	POWDERHORN DR	1330G6
Sheet 8	592	273355	M34S	4"	4361	POWDERHORN DR	1330G6
Sheet 8	593	273365	M34S	4"	4162	POWDERHORN DR	1330G6
Sheet 8	594	273400	M34S	4"	4131	POWDERHORN DR	1330F7
Sheet 8	595	273268	M34S	4"	4358	POWDERHORN DR	1330G6
Sheet 8	596	273285	M34S	4"	4328	POWDERHORN DR	1330G6
Sheet 8	597	370587	M34S	4"	4369	POWDERHORN DR	1330G6
Sheet 8	598	273342	M34S	4"	4337	POWDERHORN DR	1330G6
Sheet 8	599	273348	M34S	4"	4287	POWDERHORN DR	1330G6
Sheet 8	600	273232	M34S	4"	4394	POWDERHORN DR	1330G6

Sheet 8	601	273391	M34S	4"	4179	POWDERHORN DR	1330G7
Sheet 8	602	273249	M34S	4"	4370	POWDERHORN DR	1330G6
Sheet 8	603	370625	M34S	4"	4155	POWDERHORN DR	1330G7
Sheet 8	604	370560	M34S	4"	4294	POWDERHORN DR	1330G6
Sheet 8	605	370590	M34S	4"	4321	POWDERHORN DR	1330G6
Sheet 8	606	273284	M34S	4"	4348	POWDERHORN DR	1330G6
Sheet 8	607	370601	M34S	4"	4154	POWDERHORN DR	1330G6
Sheet 8	608	370540	M34S	4"	4423	POWDERHORN DR	1330G6
Sheet 8	609	370571	M34S	4"	4391	POWDERHORN DR	1330G6
Sheet 8	610	273314	M34S	4"	4262	POWDERHORN DR	1330G6
Sheet 8	611	273339	M34S	4"	4329	POWDERHORN DR	1330G6
Sheet 8	612	273346	M34S	4"	4345	POWDERHORN DR	1330G6
Sheet 8	613	273223	M34S	4"	4418	POWDERHORN DR	1330G6
Sheet 8	614	273229	M34S	4"	4410	POWDERHORN DR	1330G6
Sheet 8	615	273398	M34S	4"	4139	POWDERHORN DR	1330G7
Sheet 8	616	273286	M34S	4"	4286	POWDERHORN DR	1330G6
Sheet 8	617	370605	M34S	4"	4238	POWDERHORN DR	1330G6
Sheet 8	618	370557	M34S	4"	4320	POWDERHORN DR	1330G6
Sheet 8	619	370598	M34S	4"	4246	POWDERHORN DR	1330G6
Sheet 8	620	273367	M34S	4"	4138	POWDERHORN DR	1330G6
Sheet 8	621	273397	M34S	4"	4243	POWDERHORN DR	1330G7
Sheet 8	622	273401	M34S	4"	4235	POWDERHORN DR	1330G7
Sheet 8	623	273236	M34S	4"	4382	POWDERHORN DR	1330G6
Sheet 8	624	370559	M34S	4"	4409	POWDERHORN DR	1330G6
Sheet 8	625	370562	M34S	4"	4274	POWDERHORN DR	1330G6
Sheet 8	626	273338	M34S	4"	4254	POWDERHORN DR	1330G6
Sheet 8	627	273344	M34S	4"	4305	POWDERHORN DR	1330G6
Sheet 8	628	273349	M34S	4"	4353	POWDERHORN DR	1330G6
Sheet 8	629	273354	M34S	4"	4275	POWDERHORN DR	1330G6
Sheet 8	630	273363	M34S	4"	4170	POWDERHORN DR	1330G6
Sheet 8	631	370624	M34S	4"	4171	POWDERHORN DR	1330G7
Sheet 8	632	370549	M34S	4"	4415	POWDERHORN DR	1330G6
Sheet 8	633	370558	M34S	4"	4304	POWDERHORN DR	1330G6
Sheet 8	634	273396	M34S	4"	4147	POWDERHORN DR	1330G7
Sheet 8	635	370563	M34S	4"	4397	POWDERHORN DR	1330G6
Sheet 8	636	273356	M34S	4"	4263	POWDERHORN DR	1330G6
Sheet 8	637	273393	M34S	4"	4163	POWDERHORN DR	1330G7
Sheet 8	638	273235	M34S	4"	4431	POWDERHORN DR	1330G6
Sheet 8	639	273288	M34S	4"	4274	POWDERHORN DR	1330G6
Sheet 8	640	273289	M34S	4"	4336	POWDERHORN DR	1330G6
Sheet 8	641	370604	M34S	4"	4146	POWDERHORN DR	1330G6
Sheet 8	642	370577	M34S	4"	4385	POWDERHORN DR	1330G6
Sheet 8	643	370591	M34S	4"	4313	POWDERHORN DR	1330G6
Sheet 8	644	370529	M34S	4"	N/A	POWDERHORN DR	1330G6
Sheet 8	645	273204	M34S	4"	605	SERRENA LN	1330G6
Sheet 8	646	273209	M34S	4"	611	SERRENA LN	1330G6
Sheet 8	647	370518	M34S	4"	612	SERRENA LN	1330G6

Sheet 8	648	370544	M34S	4"	632	SERRENA LN	1330G6
Sheet 8	649	273224	M34S	4"	624	SERRENA LN	1330G6
Sheet 8	650	370521	M34S	4"	618	SERRENA LN	1330G6
Sheet 8	651	273205	M34S	4"	606	SERRENA LN	1330G6
Sheet 8	652	273246	M34S	4"	635	SERRENA LN	1330G6
Sheet 9	653	274936	L34S	4"	4006	AREY DR	1330F7
Sheet 9	654	274938	L34S	4"	3990	AREY DR	1330F7
Sheet 9	655	274940	L34S	4"	3892	AREY DR	1330F7
Sheet 9	656	371773	L34S	4"	4047	AREY DR	1330F7
Sheet 9	657	274999	L34S	4"	3915	AREY DR	1330F7
Sheet 9	658	275004	L34S	4"	4031	AREY DR	1330F7
Sheet 9	659	274933	L34S	4"	4038	AREY DR	1330F7
Sheet 9	660	274942	L34S	4"	3884	AREY DR	1330F7
Sheet 9	661	371712	L34S	4"	3958	AREY DR	1330F7
Sheet 9	662	371771	L34S	4"	4007	AREY DR	1330F7
Sheet 9	663	274931	L34S	4"	4046	AREY DR	1330F7
Sheet 9	664	274943	L34S	4"	3876	AREY DR	1330F7
Sheet 9	665	274948	L34S	4"	3868	AREY DR	1330F7
Sheet 9	666	274935	L34S	4"	4014	AREY DR	1330F7
Sheet 9	667	371777	L34S	4"	3993	AREY DR	1330F7
Sheet 9	668	371770	L34S	4"	3963	AREY DR	1330F7
Sheet 9	669	275005	L34S	4"	3971	AREY DR	1330F7
Sheet 9	670	275006	L34S	4"	4023	AREY DR	1330F7
Sheet 9	671	274924	L34S	4"	3922	AREY DR	1330F7
Sheet 9	672	371709	L34S	4"	3936	AREY DR	1330F7
Sheet 9	673	371714	L34S	4"	3974	AREY DR	1330F7
Sheet 9	674	371767	L34S	4"	3947	AREY DR	1330F7
Sheet 9	675	275008	L34S	4"	3979	AREY DR	1330F7
Sheet 9	676	371772	L34S	4"	4039	AREY DR	1330F7
Sheet 9	677	275002	L34S	4"	3955	AREY DR	1330F7
Sheet 9	678	274932	L34S	4"	3966	AREY DR	1330F7
Sheet 9	679	274939	L34S	4"	3982	AREY DR	1330F7
Sheet 9	680	371775	L34S	4"	4015	AREY DR	1330F7
Sheet 9	681	371713	L34S	4"	4030	AREY DR	1330F7
Sheet 9	682	371764	L34S	4"	3903	AREY DR	1330F7
Sheet 9	683	371766	L34S	4"	3939	AREY DR	1330F7
Sheet 9	684	274926	L34S	4"	3946	AREY DR	1330F7
Sheet 9	685	274927	L34S	4"	3950	AREY DR	1330F7
Sheet 9	686	274934	L34S	4"	4022	AREY DR	1330F7
Sheet 9	687	274937	L34S	4"	3998	AREY DR	1330F7
Sheet 9	688	371774	L34S	4"	3999	AREY DR	1330F7
Sheet 9	689	371776	L34S	4"	3987	AREY DR	1330F7
Sheet 9	690	371765	L34S	4"	3927	AREY DR	1330F7
Sheet 9	691	275255	L34S	4"	3930	BATEMAN AV	1350F1
Sheet 9	692	275314	L34S	4"	4047	BATEMAN AV	1350F1
Sheet 9	693	371956	L34S	4"	3915	BATEMAN AV	1350F1

Sheet 9	694	275335	L34S	4"	4015	BATEMAN AV	1350F1
Sheet 9	695	275261	L34S	4"	3958	BATEMAN AV	1350F1
Sheet 9	696	275317	L34S	4"	3905	BATEMAN AV	1350F1
Sheet 9	697	371960	L34S	4"	3945	BATEMAN AV	1350F1
Sheet 9	698	371963	L34S	4"	4007	BATEMAN AV	1350F1
Sheet 9	699	371918	L34S	4"	3904	BATEMAN AV	1350F1
Sheet 9	700	371926	L34S	4"	3974	BATEMAN AV	1350F1
Sheet 9	701	371962	L34S	4"	4023	BATEMAN AV	1350F1
Sheet 9	702	371920	L34S	4"	4046	BATEMAN AV	1350F1
Sheet 9	703	371921	L34S	4"	4038	BATEMAN AV	1350F1
Sheet 9	704	275323	L34S	4"	3935	BATEMAN AV	1350F1
Sheet 9	705	275332	L34S	4"	3955	BATEMAN AV	1350F1
Sheet 9	706	275334	L34S	4"	3999	BATEMAN AV	1350F1
Sheet 9	707	275254	L34S	4"	3922	BATEMAN AV	1350F1
Sheet 9	708	275262	L34S	4"	3966	BATEMAN AV	1350F1
Sheet 9	709	275336	L34S	4"	3993	BATEMAN AV	1350F1
Sheet 9	710	275338	L34S	4"	3979	BATEMAN AV	1350F1
Sheet 9	711	371964	L34S	4"	4031	BATEMAN AV	1350F1
Sheet 9	712	371965	L34S	4"	3963	BATEMAN AV	1350F1
Sheet 9	713	371919	L34S	4"	3914	BATEMAN AV	1350F1
Sheet 9	714	371922	L34S	4"	4030	BATEMAN AV	1350F1
Sheet 9	715	371923	L34S	4"	3998	BATEMAN AV	1350F1
Sheet 9	716	275337	L34S	4"	3987	BATEMAN AV	1350F1
Sheet 9	717	275260	L34S	4"	4006	BATEMAN AV	1350F1
Sheet 9	718	371967	L34S	4"	3971	BATEMAN AV	1350F1
Sheet 9	719	371925	L34S	4"	3982	BATEMAN AV	1350F1
Sheet 9	720	275256	L34S	4"	3940	BATEMAN AV	1350F1
Sheet 9	721	371924	L34S	4"	3990	BATEMAN AV	1350F1
Sheet 9	722	275329	L34S	4"	4039	BATEMAN AV	1350F1
Sheet 9	723	275257	L34S	4"	3950	BATEMAN AV	1350F1
Sheet 9	724	275258	L34S	4"	4022	BATEMAN AV	1350F1
Sheet 9	725	275259	L34S	4"	4014	BATEMAN AV	1350F1
Sheet 9	726	371957	L34S	4"	3925	BATEMAN AV	1350F1
Sheet 9	727	275062	L34S	4"	1018	DARWIN PL	1330F7
Sheet 9	728	275143	L34S	4"	1043	DARWIN PL	1330F7
Sheet 9	729	371933	L34S	4"	1075	DARWIN PL	1350F1
Sheet 9	730	275361	L34S	4"	1086	DARWIN PL	1350F1
Sheet 9	731	275083	L34S	4"	1027	DARWIN PL	1330F7
Sheet 9	732	275279	L34S	4"	1074	DARWIN PL	1350F1
Sheet 9	733	371981	L34S	4"	1091	DARWIN PL	1350F1
Sheet 9	734	371913	L34S	4"	1067	DARWIN PL	1350F1
Sheet 9	735	275185	L34S	4"	1050	DARWIN PL	1350F1
Sheet 9	736	371802	L34S	4"	1019	DARWIN PL	1330F7
Sheet 9	737	371813	L34S	4"	1026	DARWIN PL	1330F7
Sheet 9	738	275025	L34S	4"	1011	DARWIN PL	1330F7
Sheet 9	739	371785	L34S	4"	1010	DARWIN PL	1330F7
Sheet 9	740	371999	L34S	4"	1092	DARWIN PL	1350F1

Sheet 9	741	275246	L34S	4"	1066	DARWIN PL	1350F1
Sheet 9	742	371958	L34S	4"	1080	DARWIN PL	1350F1
Sheet 9	743	275210	L34S	4"	1059	DARWIN PL	1350F1
Sheet 9	744	371732	L34S	4"	1001	DARWIN PL	1330F7
Sheet 9	745	371861	L34S	4"	1042	DARWIN PL	1330F7
Sheet 9	746	371887	L34S	4"	1051	DARWIN PL	1350F1
Sheet 9	747	275110	L34S	4"	1034	DARWIN PL	1330F7
Sheet 9	748	274972	L34S	4"	1002	DARWIN PL	1330F7
Sheet 9	749	275475	L34S	4"	3875	DARWIN PL	1350F1
Sheet 9	750	371842	L34S	4"	1035	DARWIN PL	1330F7
Sheet 9	751	371897	L34S	4"	1058	DARWIN PL	1350F1
Sheet 9	752	275341	L34S	4"	1083	DARWIN AV	1350F1
Sheet 9	753	275407	L34S	4"	3966	DARWIN AV	1350F1
Sheet 9	754	275409	L34S	4"	3998	DARWIN AV	1350F1
Sheet 9	755	275456	L34S	4"	3895	DARWIN AV	1350F1
Sheet 9	756	275466	L34S	4"	3915	DARWIN AV	1350F1
Sheet 9	757	275468	L34S	4"	4007	DARWIN AV	1350F1
Sheet 9	758	372014	L34S	4"	4056	DARWIN AV	1350F1
Sheet 9	759	372020	L34S	4"	3914	DARWIN AV	1350F1
Sheet 9	760	372050	L34S	4"	4047	DARWIN AV	1350F1
Sheet 9	761	275411	L34S	4"	4006	DARWIN AV	1350F1
Sheet 9	762	275457	L34S	4"	3885	DARWIN AV	1350F1
Sheet 9	763	275459	L34S	4"	3963	DARWIN AV	1350F1
Sheet 9	764	275460	L34S	4"	3955	DARWIN AV	1350F1
Sheet 9	765	275472	L34S	4"	4015	DARWIN AV	1350F1
Sheet 9	766	372030	L34S	4"	1098	DARWIN AV	1350F1
Sheet 9	767	275403	L34S	4"	4038	DARWIN AV	1350F1
Sheet 9	768	275455	L34S	4"	4067	DARWIN AV	1350F1
Sheet 9	769	275461	L34S	4"	3987	DARWIN AV	1350F1
Sheet 9	770	372015	L34S	4"	4046	DARWIN AV	1350F1
Sheet 9	771	372023	L34S	4"	3904	DARWIN AV	1350F1
Sheet 9	772	275463	L34S	4"	3999	DARWIN AV	1350F1
Sheet 9	773	372013	L34S	4"	4066	DARWIN AV	1350F1
Sheet 9	774	372018	L34S	4"	3922	DARWIN AV	1350F1
Sheet 9	775	372051	L34S	4"	4031	DARWIN AV	1350F1
Sheet 9	776	275405	L34S	4"	4030	DARWIN AV	1350F1
Sheet 9	777	275454	L34S	4"	4077	DARWIN AV	1350F1
Sheet 9	778	275458	L34S	4"	3945	DARWIN AV	1350F1
Sheet 9	779	372019	L34S	4"	3974	DARWIN AV	1350F1
Sheet 9	780	372048	L34S	4"	4057	DARWIN AV	1350F1
Sheet 9	781	372053	L34S	4"	3935	DARWIN AV	1350F1
Sheet 9	782	275385	L34S	4"	1099	DARWIN AV	1350F1
Sheet 9	783	275404	L34S	4"	3950	DARWIN AV	1350F1
Sheet 9	784	275462	L34S	4"	3993	DARWIN AV	1350F1
Sheet 9	785	275464	L34S	4"	3979	DARWIN AV	1350F1
Sheet 9	786	275465	L34S	4"	4023	DARWIN AV	1350F1
Sheet 9	787	275471	L34S	4"	3905	DARWIN AV	1350F1

Sheet 9	788	372021	L34S	4"	3982	DARWIN AV	1350F1
Sheet 9	789	372038	L34S	4"	3855	DARWIN AV	1350F1
Sheet 9	790	372049	L34S	4"	4039	DARWIN AV	1350F1
Sheet 9	791	275401	L34S	4"	4076	DARWIN AV	1350F1
Sheet 9	792	275406	L34S	4"	3930	DARWIN AV	1350F1
Sheet 9	793	275410	L34S	4"	4022	DARWIN AV	1350F1
Sheet 9	794	275412	L34S	4"	4014	DARWIN AV	1350F1
Sheet 9	795	275470	L34S	4"	3865	DARWIN AV	1350F1
Sheet 9	796	372016	L34S	4"	3940	DARWIN AV	1350F1
Sheet 9	797	275467	L34S	4"	3925	DARWIN AV	1350F1
Sheet 9	798	372017	L34S	4"	3958	DARWIN AV	1350F1
Sheet 9	799	372022	L34S	4"	3990	DARWIN AV	1350F1
Sheet 9	800	372054	L34S	4"	3971	DARWIN AV	1350F1
Sheet 9	801	274742	L34S	4"	3974	DEBBYANN PL	1330F7
Sheet 9	802	274753	L34S	4"	4070	DEBBYANN PL	1330F7
Sheet 9	803	274830	L34S	4"	4039	DEBBYANN PL	1330F7
Sheet 9	804	274863	M34S	4"	4099	DEBBYANN PL	1330F7
Sheet 9	805	371592	L34S	4"	3990	DEBBYANN PL	1330F7
Sheet 9	806	371640	L34S	4"	3979	DEBBYANN PL	1330F7
Sheet 9	807	371645	M34S	4"	4089	DEBBYANN PL	1330F7
Sheet 9	808	274768	M34S	4"	4088	DEBBYANN PL	1330F7
Sheet 9	809	274869	M34S	4"	4105	DEBBYANN PL	1330F7
Sheet 9	810	371635	L34S	4"	4081	DEBBYANN PL	1330F7
Sheet 9	811	274758	L34S	4"	4084	DEBBYANN PL	1330F7
Sheet 9	812	274796	M34S	4"	4104	DEBBYANN PL	1330F7
Sheet 9	813	274822	L34S	4"	4077	DEBBYANN PL	1330F7
Sheet 9	814	274854	M34S	4"	4095	DEBBYANN PL	1330F7
Sheet 9	815	274760	L34S	4"	4056	DEBBYANN PL	1330F7
Sheet 9	816	274764	L34S	4"	4046	DEBBYANN PL	1330F7
Sheet 9	817	274823	L34S	4"	4067	DEBBYANN PL	1330F7
Sheet 9	818	274824	L34S	4"	3971	DEBBYANN PL	1330F7
Sheet 9	819	274833	L34S	4"	3993	DEBBYANN PL	1330F7
Sheet 9	820	274761	L34S	4"	4030	DEBBYANN PL	1330F7
Sheet 9	821	274763	L34S	4"	4038	DEBBYANN PL	1330F7
Sheet 9	822	274827	L34S	4"	4007	DEBBYANN PL	1330F7
Sheet 9	823	274828	L34S	4"	4015	DEBBYANN PL	1330F7
Sheet 9	824	371595	L34S	4"	3998	DEBBYANN PL	1330F7
Sheet 9	825	371638	L34S	4"	4085	DEBBYANN PL	1330F7
Sheet 9	826	274748	L34S	4"	4080	DEBBYANN PL	1330F7
Sheet 9	827	274751	L34S	4"	4076	DEBBYANN PL	1330F7
Sheet 9	828	274754	L34S	4"	4006	DEBBYANN PL	1330F7
Sheet 9	829	274759	L34S	4"	4022	DEBBYANN PL	1330F7
Sheet 9	830	274825	L34S	4"	3987	DEBBYANN PL	1330F7
Sheet 9	831	274826	L34S	4"	3999	DEBBYANN PL	1330F7
Sheet 9	832	371582	L34S	4"	3958	DEBBYANN PL	1330F7
Sheet 9	833	371596	L34S	4"	4014	DEBBYANN PL	1330F7
Sheet 9	834	274775	M34S	4"	4094	DEBBYANN PL	1330F7

Sheet 9	835	274829	L34S	4"	4023	DEBBYANN PL	1330F7
Sheet 9	836	274831	L34S	4"	4047	DEBBYANN PL	1330F7
Sheet 9	837	371580	L34S	4"	3950	DEBBYANN PL	1330F7
Sheet 9	838	371583	L34S	4"	3966	DEBBYANN PL	1330F7
Sheet 9	839	371636	L34S	4"	4071	DEBBYANN PL	1330F7
Sheet 9	840	371639	L34S	4"	4057	DEBBYANN PL	1330F7
Sheet 9	841	274757	L34S	4"	4066	DEBBYANN PL	1330F7
Sheet 9	842	274832	L34S	4"	3963	DEBBYANN PL	1330F7
Sheet 9	843	274838	L34S	4"	3955	DEBBYANN PL	1330F7
Sheet 9	844	274839	L34S	4"	4031	DEBBYANN PL	1330F7
Sheet 9	845	371588	L34S	4"	3982	DEBBYANN PL	1330F7
Sheet 9	846	371604	M34S	4"	4098	DEBBYANN PL	1330F7
Sheet 9	847	274606	L34S	4"	920	JOSHUA PL	1330F7
Sheet 9	848	274780	L34S	4"	968	JOSHUA PL	1330F7
Sheet 9	849	274575	L34S	4"	912	JOSHUA PL	1330F7
Sheet 9	850	274819	L34S	4"	978	JOSHUA PL	1330F7
Sheet 9	851	371560	L34S	4"	950	JOSHUA PL	1330F7
Sheet 9	852	371545	L34S	4"	940	JOSHUA PL	1330F7
Sheet 9	853	371522	L34S	4"	932	JOSHUA PL	1330F7
Sheet 9	854	372175	L35S	4"	3937	KIMSUE WY	1350F1
Sheet 9	855	275626	L35S	4"	3925	KIMSUE WY	1350F1
Sheet 9	856	275573	L35S	4"	3932	KIMSUE WY	1350F1
Sheet 9	857	372125	L35S	4"	3924	KIMSUE WY	1350F1
Sheet 9	858	372129	L35S	4"	3948	KIMSUE WY	1350F1
Sheet 9	859	372128	L35S	4"	3940	KIMSUE WY	1350F1
Sheet 9	860	372102	L35S	4"	3908	KIMSUE WY	1350F1
Sheet 9	861	372124	L35S	4"	3916	KIMSUE WY	1350F1
Sheet 9	862	275415	L34S	4"	1101	PETERLYNN DR	1350F1
Sheet 9	863	371972	L34S	4"	1075	PETERLYNN DR	1350F1
Sheet 9	864	371986	L34S	4"	1085	PETERLYNN DR	1350F1
Sheet 9	865	275302	L34S	4"	1065	PETERLYNN DR	1350F1
Sheet 9	866	372046	L34S	4"	1109	PETERLYNN DR	1350F1
Sheet 9	867	372068	L34S	4"	1117	PETERLYNN DR	1350F1
Sheet 9	868	275386	L34S	4"	1095	PETERLYNN DR	1350F1
Sheet 9	869	275038	L34S	4"	1010	PICCARD AV	1330F7
Sheet 9	870	371881	L34S	4"	1050	PICCARD AV	1350F1
Sheet 9	871	371896	L34S	4"	1058	PICCARD AV	1350F1
Sheet 9	872	275362	L34S	4"	1090	PICCARD AV	1350F1
Sheet 9	873	372024	L34S	4"	1098	PICCARD AV	1350F1
Sheet 9	874	371912	L34S	4"	1066	PICCARD AV	1350F1
Sheet 9	875	275292	L34S	4"	1074	PICCARD AV	1350F1
Sheet 9	876	371799	L34S	4"	1018	PICCARD AV	1330F7
Sheet 9	877	275144	L34S	4"	1042	PICCARD AV	1330F7
Sheet 9	878	275118	L34S	4"	1034	PICCARD AV	1330F7
Sheet 9	879	274987	L34S	4"	1002	PICCARD AV	1330F7
Sheet 9	880	371812	L34S	4"	1026	PICCARD AV	1330F7
Sheet 9	881	371968	L34S	4"	1082	PICCARD AV	1350F1

Sheet 10	882	274812	M34S	4"	4142	DEBBYANN PL	1330G7
Sheet 10	883	371628	M34S	4"	4134	DEBBYANN PL	1330F7
Sheet 10	884	371629	M34S	4"	4150	DEBBYANN PL	1330G7
Sheet 10	885	274811	M34S	4"	4126	DEBBYANN PL	1330F7
Sheet 10	886	274813	M34S	4"	4158	DEBBYANN PL	1330G7
Sheet 10	887	274853	M34S	4"	4167	DEBBYANN PL	1330G7
Sheet 10	888	274871	M34S	4"	4135	DEBBYANN PL	1330F7
Sheet 10	889	274868	M34S	4"	4121	DEBBYANN PL	1330F7
Sheet 10	890	371658	M34S	4"	4127	DEBBYANN PL	1330F7
Sheet 10	891	274872	M34S	4"	4151	DEBBYANN PL	1330G7
Sheet 10	892	371657	M34S	4"	4159	DEBBYANN PL	1330G7
Sheet 10	893	274814	M34S	4"	4166	DEBBYANN PL	1330G7
Sheet 10	894	371626	M34S	4"	4112	DEBBYANN PL	1330F7
Sheet 10	895	371659	M34S	4"	4143	DEBBYANN PL	1330G7
Sheet 10	896	274815	M34S	4"	4174	DEBBYANN PL	1330G7
Sheet 10	897	274870	M34S	4"	4113	DEBBYANN PL	1330F7
Sheet 10	898	371627	M34S	4"	4120	DEBBYANN PL	1330F7
Sheet 10	899	276088	M35S	4"	4191	ENERO ST	1350G1
Sheet 10	900	276085	M35S	4"	4151	ENERO ST	1350F1
Sheet 10	901	276087	M35S	4"	4161	ENERO ST	1350F1
Sheet 10	902	372468	M35S	4"	4171	ENERO ST	1350F1
Sheet 10	903	372469	M35S	4"	4181	ENERO ST	1350G1
Sheet 10	904	275675	M35S	4"	1144	ILEXEY AV	1350F1
Sheet 10	905	275899	M35S	4"	1218	ILEXEY AV	1350F1
Sheet 10	906	372231	M35S	4"	1160	ILEXEY AV	1350F1
Sheet 10	907	372268	M35S	4"	1180	ILEXEY AV	1350F1
Sheet 10	908	275742	M35S	4"	1170	ILEXEY AV	1350F1
Sheet 10	909	275940	M35S	4"	1229	ILEXEY AV	1350G1
Sheet 10	910	275979	M35S	4"	1241	ILEXEY AV	1350G1
Sheet 10	911	275806	M35S	4"	1195	ILEXEY AV	1350G1
Sheet 10	912	275682	M35S	4"	1155	ILEXEY AV	1350G1
Sheet 10	913	276009	M35S	4"	1253	ILEXEY AV	1350G1
Sheet 10	914	275674	M35S	4"	1145	ILEXEY AV	1350G1
Sheet 10	915	275700	M35S	4"	1165	ILEXEY AV	1350G1
Sheet 10	916	275849	M35S	4"	1205	ILEXEY AV	1350G1
Sheet 10	917	275893	M35S	4"	1217	ILEXEY AV	1350G1
Sheet 10	918	275771	M35S	4"	1185	ILEXEY AV	1350G1
Sheet 10	919	372252	M35S	4"	1175	ILEXEY AV	1350G1
Sheet 10	920	275945	M35S	4"	1230	ILEXEY AV	1350F1
Sheet 10	921	275981	M35S	4"	1242	ILEXEY AV	1350F1
Sheet 10	922	276014	M35S	4"	1254	ILEXEY AV	1350F1
Sheet 10	923	275811	M35S	4"	1190	ILEXEY AV	1350F1
Sheet 10	924	275857	M35S	4"	1206	ILEXEY AV	1350F1
Sheet 10	925	275169	M34S	4"	1017	TWINING AV	1330F7
Sheet 10	926	275371	M34S	4"	1089	TWINING AV	1350F1
Sheet 10	927	275073	M34S	4"	945	TWINING AV	1330F7

Sheet 10	928	275265	M34S	4"	1053	TWINING AV	1350F1
Sheet 10	929	275850	M35S	4"	1215	TWINING AV	1350F1
Sheet 10	930	372291	M35S	4"	1190	TWINING AV	1350F1
Sheet 10	931	372367	M35S	4"	1235	TWINING AV	1350F1
Sheet 10	932	275201	M34S	4"	1029	TWINING AV	1330F7
Sheet 10	933	275357	M34S	4"	1078	TWINING AV	1350F1
Sheet 10	934	275972	M35S	4"	1245	TWINING AV	1350F1
Sheet 10	935	275224	M34S	4"	1041	TWINING AV	1350F1
Sheet 10	936	275709	M35S	4"	1160	TWINING AV	1350F1
Sheet 10	937	371998	M34S	4"	1090	TWINING AV	1350F1
Sheet 10	938	372011	M34S	4"	1104	TWINING AV	1350F1
Sheet 10	939	372258	M35S	4"	1175	TWINING AV	1350F1
Sheet 10	940	275180	M34S	4"	1018	TWINING AV	1330F7
Sheet 10	941	275092	M34S	4"	980	TWINING AV	1330F7
Sheet 10	942	275892	M35S	4"	1220	TWINING AV	1350F1
Sheet 10	943	275787	M35S	4"	1180	TWINING AV	1350F1
Sheet 10	944	275664	M35S	4"	1155	TWINING AV	1350F1
Sheet 10	945	275072	M34S	4"	965	TWINING AV	1330F7
Sheet 10	946	275133	M34S	4"	1006	TWINING AV	1330F7
Sheet 10	947	275303	M34S	4"	1065	TWINING AV	1350F1
Sheet 10	948	371821	M34S	4"	985	TWINING AV	1330F7
Sheet 10	949	371843	M34S	4"	1005	TWINING AV	1330F7
Sheet 10	950	372259	M35S	4"	1170	TWINING AV	1350F1
Sheet 10	951	275941	M35S	4"	1230	TWINING AV	1350F1
Sheet 10	952	275395	M34S	4"	1105	TWINING AV	1350F1
Sheet 10	953	371978	M34S	4"	1077	TWINING AV	1350F1
Sheet 10	954	371895	M34S	4"	1030	TWINING AV	1350F1
Sheet 10	955	372321	M35S	4"	1210	TWINING AV	1350F1
Sheet 10	956	275275	M34S	4"	1054	TWINING AV	1350F1
Sheet 10	957	275310	M34S	4"	1066	TWINING AV	1350F1
Sheet 10	958	275665	M35S	4"	1152	TWINING AV	1350F1
Sheet 10	959	372412	M35S	4"	1255	TWINING AV	1350F1
Sheet 10	960	276010	M35S	4"	1250	TWINING AV	1350F1
Sheet 10	961	275076	M34S	4"	960	TWINING AV	1330F7
Sheet 10	962	275977	M35S	4"	1240	TWINING AV	1350F1
Sheet 10	963	275242	M34S	4"	1042	TWINING AV	1350F1
Sheet 10	964	275814	M35S	4"	1195	TWINING AV	1350F1
Sheet 10	965	275702	M35S	4"	1165	TWINING AV	1350F1
Sheet 10	966	275786	M35S	4"	1185	TWINING AV	1350F1
Sheet 10	967	372340	M35S	4"	1225	TWINING AV	1350F1

APPENDIX K

Rehab R-1 Manhole and Cleanouts Summary Tables

SUMMARY OF PIPELINE REHABILITATION R-1 - MANHOLES/CLEANOUT

SHEET NO.	THOMAS BROS.	STREET NAME	MH ID	MANHOLE IE	MANHOLE DEPTH	MANHOLE METHOD	COMMUNITY	COUNCIL DIST.	FIELD BOOK
1	1330B7	CONIFER AV	1	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	J34S
1	1330B7	PALM AV	2	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	J34S
2	1330B7	HARRIS AV	3	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	K34S
2	1330B7	HOLLISTER ST	4	Tie to existing main		Replace Cleanout	OTAY MESA NESTOR	8	K34S
2	1330B7	ELM AV	177	18.21	18	Rehab	OTAY MESA NESTOR	8	K34S
3	1330C7	ELM AV	5	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	K34S
3	1350B1	CORONADO AV	6	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	K34S
3	1350B1	CORONADO AV	245	24.71	11	Rehab	OTAY MESA NESTOR	8	K34S
4	1330C7	27 TH ST	134	115.47	6	Rehab	OTAY MESA NESTOR	8	K34S
4	1330C7	27 TH ST	139	103.02	7	Rehab	OTAY MESA NESTOR	8	K34S
4	1330C7	DEARBORN DR	4	74.53	7	Rehab	OTAY MESA NESTOR	8	K34S
4	1330C7	BARBOUR DR	7	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	K34S
4	1330C7	GARLAND DR	8	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	K34S
4	1330C7	DEARBORN DR	9	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	K34S
4	1330C7	CAULFIELD DR	10	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	K34S
4	1330C7	CAULFIELD DR	11	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	K34S
5	1330E9	DOOLITTLE AV	12	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	L34S
5	1330E10	PALM AV	248	133.1	13	Replace Manhole	OTAY MESA NESTOR	8	L34S
5	1330E10	PALM AV	262	195	8	Rehab	OTAY MESA NESTOR	8	L34S
6	1330E10	NORSTAD ST	254	193.95	12	Replace Manhole	OTAY MESA NESTOR	8	L34S
6	1330F7	GIVENS ST	15	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	L34S
6	1330F7	SCHIRRA ST	16	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	L34S
7	1330F7	PALM AV	310	230.21	6	Replace Manhole	OTAY MESA NESTOR	8	L34S
7	1330F7	PALM AV	7	239.02	4	Replace Manhole	OTAY MESA NESTOR	8	M34S
7	1330F7	RENE DR	341	220.13	9	Replace Manhole	OTAY MESA NESTOR	8	L34S
7	1330F7	RENE DR	340	231.68	8	Replace Manhole	OTAY MESA NESTOR	8	L34S
7	1330F7	PALM AV	13	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	M34S
7	1330F7	RENE DR	21	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	L34S
8	1330G6	POWDERHORN DR	3	230.33	8	Rehab	OTAY MESA NESTOR	8	M34S
8	1330G6	POWDERHORN DR	4	231.09	10	Rehab	OTAY MESA NESTOR	8	M34S
8	1330G6	POWDERHORN DR	86	234.18	9	Rehab	OTAY MESA NESTOR	8	M34S
8	1330G6	POWDERHORN DR	14	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	M34S
8	1330G6	MURRIETA CR	19	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	M34S
8	1330G6	MURRIETA CR	20	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	M34S
9	1350F1	DARWIN PL	73	232.12	14	Replace Manhole	OTAY MESA NESTOR	8	L34S
9	1350F1	PICCARD AV	22	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	L34S
9	1350F1	PETERLYNN DR	23	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	L34S
10	1350G1	IILEXY AV	17	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	M35S
10	1350F1	TWINING AV	18	Tie to existing main		Add Cleanout	OTAY MESA NESTOR	8	M35S

Add cleanout (total = 22)

Replace cleanout (total = 1)

Rehab MH (total = 9)

Replace MH (total = 7)

APPENDIX L

Rehab R-1 Point Repairs Summary Table

**SUMMARY OF
PIPELINE REHABILITATION R-1 - SEWER MAIN POINT REPAIRS**

SHEET NO.	FSN	FIELD BOOK	LENGTH (feet)	SIZE (inches)	MATERIAL	% SLOPE	MAX d/D	# LATERALS	ACTION	STREET NAME	THOMAS BROS.	COMMUNITY	COUNCIL DIST.	REMARKS	CONFLICT COMMENTS
1	53966	K34S	115	8	VC	11.50	83	0	REPAIR	PALM AV	1330B7	NESTOR	8	na	Main under RR. PR near tracks.
2	54057	K34S	70	8	VC	11.30	16.45	0	REPAIR	ELM AV	1330B7	NESTOR	8	na	Slurry Contract: SC 6'11 EC 10'11
5	61656	L34S	169	8	VC	6.20	10.1	4	REPAIR	LINDBERGH ST	1330E9	NESTOR	8	na	Slurry Contract SC 5'10 EC 5'10
5	61649	L34S	350	8	VC	3.30	18.78	11	REPAIR	CHANUTE ST	1330E9	NESTOR	8	na	
5	61530	L34S	244	8	VC	2.60	10.3	4	REPAIR	CHANUTE ST	1330E10	NESTOR	8	na	
5	61419	L34S	350	8	VC	3.90	13.73	9	REPAIR	BYRD ST	1330E10	NESTOR	8	na	Overlay @ intersection SC 7'09 EC 7'09
5	61489	L34S	255	8	VC	6.10	73	3	REPAIR	PALM AV	1330E10	NESTOR	8	Replace MH 248	Overlay SC 7'09 EC 7'09
5	61487	L34S	350	8	VC	4.20	35	6	REPAIR	PALM AV	1330E10	NESTOR	8	na	
5	61617	L34S	350	8	VC	3.60	33	6	REPAIR	PALM AV	1330E10	NESTOR	8	na	
5	61608	L34S	95	8	VC	1.20	45	2	REPAIR	PALM AV	1330E10	NESTOR	8	rehab MH 262	
5	61625	L34S	255	8	VC	2.30	45	4	REPAIR	PALM AV	1330E10	NESTOR	8	na	
5	61634	L34S	318	8	VC	0.40	27.07	9	REPAIR	MATHER AV	1330E9	NESTOR	8	na	
6	61565	L34S	248	8	VC	0.50	25.63	5	REPAIR	NORSTAD ST	1330E10	NESTOR	8	na	
6	61314	L34S	239	8	VC	0.40	9.33	6	REPAIR	GIVENS ST	1330F7	NESTOR	8	na	
7	61563	L34S	350	8	VC	3.30	11.91	14	REPAIR	RENE DR	1330F7	NESTOR	8	Replace MH 340	

Sewer Main Point Repairs (total = 15)

City of San Diego

ADDENDUM "A"



FOR

PIPELINE REHABILITATION R-1

BID NO.:	K-12-5646-DBB-3-C
SAP NO. (WBS/IO/CC):	B-11062
CLIENT DEPARTMENT:	2112
COUNCIL DISTRICT:	8
PROJECT TYPE:	JA

For which proposals will be received at the Public Works Contracting Group, 1200 Third Avenue, Suite 200, San Diego, California, 92101 until **2:00 PM on JUNE 26, 2012.**

A. CHANGES TO CONTRACT DOCUMENTS

The following changes to the Contract Documents are hereby made effective as though originally issued with the bid package. Bidders are reminded that all previous requirements to this solicitation remain in full force and effect.

B. VOLUME 1

1. To Funding Agency Provisions, pages 30 through 57, **item 10. WAGE RATES**, DELETE in their entirety and SUBSTITUTE with pages 2 of 31 through 31 of 31 of this Addendum.

Tony Heinrichs, Director
Public Works Department

Dated: *June 12, 2012*
San Diego, California

TH/CG/BD/lji/egz

10. WAGE RATES. This contract shall be subject to the following Davis-Bacon Wage Decisions:

General Decision Number: CA120001 06/08/2012 CA1

Superseded General Decision Number: CA20100001

State: California

Construction Types: Building, Heavy (Heavy and Dredging),
Highway and Residential

County: San Diego County in California.

BUILDING CONSTRUCTION PROJECTS; DREDGING PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); HIGHWAY CONSTRUCTION PROJECTS; RESIDENTIAL CONSTRUCTION PROJECTS (consisting of single family homes and apartments up to and including 4 stories)

Modification Number	Publication Date
0	01/06/2012
1	02/24/2012
2	03/02/2012
3	03/30/2012
4	04/13/2012
5	05/18/2012
6	06/08/2012

ASBE0005-002 06/28/2010

	Rates	Fringes
Asbestos Workers/Insulator (Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems).....	\$32.79	16.31
Fire Stop Technician (Application of Firestopping Materials for wall openings and penetrations in walls, floors, ceilings and curtain walls).....	\$24.21	13.76

ASBE0005-004 06/28/2010

	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)....	\$18.70	8.65

BOIL0092-003 05/01/2011

	Rates	Fringes
BOILERMAKER.....	\$41.26	25.27

BRCA0004-008 11/01/2011

	Rates	Fringes
BRICKLAYER; MARBLE SETTER.....	\$33.15	14.05

BRCA0018-004 06/01/2011

	Rates	Fringes
MARBLE FINISHER.....	\$28.02	12.22
TILE FINISHER.....	\$27.80	12.54
TILE LAYER.....	\$38.61	13.83

BRCA0018-010 09/01/2009

	Rates	Fringes
TERRAZZO FINISHER.....	\$26.59	9.62
TERRAZZO WORKER/SETTER.....	\$33.63	10.46

CARP0409-002 07/01/2008

	Rates	Fringes
Diver		
(1) Wet.....	\$663.68	9.82
(2) Standby.....	\$331.84	9.82
(3) Tender.....	\$323.84	9.82
(4) Assistant Tender.....	\$299.84	9.82

Amounts in "Rates" column are per day

CARP0409-008 08/01/2010

	Rates	Fringes
Modular Furniture Installer.....	\$17.00	7.41

CARP0547-001 07/01/2009

	Rates	Fringes
CARPENTER		
(1) Bridge.....	\$37.28	10.58
(2) Commercial Building....	\$32.30	10.58
(3) Heavy & Highway.....	\$37.15	10.58
(4) Residential Carpenter..	\$25.84	10.58
(5) Residential Insulation Installer.....	\$18.00	8.16
MILLWRIGHT.....	\$37.65	10.58
PILEDRIVERMAN.....	\$37.28	10.58

CARP0547-002 07/01/2009

	Rates	Fringes
Drywall		
(1) Work on wood framed construction of single family residences, apartments or condominiums under four stories		
Drywall Installer/Lather...	\$21.00	8.58
Drywall Stocker/Scrapper...	\$11.00	6.67
(2) All other work		
Drywall Installer/Lather...	\$27.35	9.58
Drywall Stocker/Scrapper...	\$11.00	6.67

ELEC0569-001 12/01/2011

	Rates	Fringes
Electricians (Tunnel Work)		
Cable Splicer.....	\$42.21	3%+11.89
Electrician.....	\$41.46	3%+11.89
Electricians: (All Other Work, Including 4 Stories Residential)		
Cable Splicer.....	\$38.15	3%+11.89
Electrician.....	\$36.85	3%+11.89

ELEC0569-005 12/01/2011

	Rates	Fringes
Sound & Communications		
Sound Technician.....	\$27.32	3%+10.81
Soundman.....	\$21.86	3%+9.17

SOUND TECHNICIAN: Terminating, operating and performing final check-out

SOUNDMAN: Wire-pulling, splicing, assembling and installing devices

SCOPE OF WORK Assembly, installation, operation, service and maintenance of components or systems as used in closed circuit television, amplified master television distribution, CATV on private property, intercommunication, burglar alarm, fire alarm, life support and all security alarms, private and public telephone and related telephone interconnect, public address, paging, audio, language, electronic, background music system less than line voltage or any system acceptable for class two wiring for private, commercial, or industrial use furnished by leased wire, frequency modulation or other recording devices, electrical apparatus by means of which electricity is applied to the amplification, transmission, transference, recording or reproduction of voice, music, sound, impulses and video. Excluded from this Scope of Work - transmission, service and maintenance of background music. All of the above shall include the installation and transmission over fiber optics.

ELEC0569-006 12/01/2011

Work on street lighting; traffic signals; and underground systems and/or established easements outside of buildings

	Rates	Fringes
Traffic signal, street light and underground work		
Utility Technician #1.....	\$27.25	3%+7.27
Utility Technician #2.....	\$22.40	3%+7.27

STREET LIGHT & TRAFFIC SIGNAL WORK:

UTILITY TECHNICIAN #1: Installation of street lights and traffic signals, including electrical circuitry, programmable controller, pedestal-mounted electrical meter enclosures and laying of pre-assembled cable in ducts. The layout of electrical systems and communication installation including proper position of trench depths, and radius at duct banks, location for manholes, street lights and traffic signals.

UTILITY TECHNICIAN #2: Distribution of material at jobsite, installation of underground ducts for electrical, telephone, cable TV and communication systems. The setting, leveling, grounding and racking of precast manholes, handholes and transformer pads.

 ELEC0569-008 06/01/2011

	Rates	Fringes
ELECTRICIAN (Residential, 1-3 Stories).....\$ 22.37	3%+2.90	

 ELEC1245-001 06/01/2011

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer..	\$47.87	13.87
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....	\$38.23	12.80
(3) Groundman.....	\$29.25	12.53
(4) Powderman.....	\$42.75	12.97

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

ELEV0018-001 01/01/2012

	Rates	Fringes
ELEVATOR MECHANIC.....	\$47.73	23.535

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.

* ENGI0012-003 07/01/2011

	Rates	Fringes
OPERATOR: Power Equipment (All Other Work)		
GROUP 1.....	\$36.13	20.77
GROUP 2.....	\$36.91	20.77
GROUP 3.....	\$37.20	20.77
GROUP 4.....	\$38.69	20.77
GROUP 5.....	\$40.49	20.77
GROUP 6.....	\$38.91	20.77
GROUP 8.....	\$39.02	20.77
GROUP 9.....	\$40.82	20.77
GROUP 10.....	\$39.14	20.77
GROUP 11.....	\$40.94	20.77
GROUP 12.....	\$39.31	20.77
GROUP 13.....	\$39.41	20.77
GROUP 14.....	\$39.44	20.77
GROUP 15.....	\$39.52	20.77
GROUP 16.....	\$39.64	20.77
GROUP 17.....	\$39.81	20.77
GROUP 18.....	\$39.91	20.77
GROUP 19.....	\$40.02	20.77
GROUP 20.....	\$40.14	20.77
GROUP 21.....	\$40.31	20.77
GROUP 22.....	\$40.41	20.77
GROUP 23.....	\$40.52	20.77
GROUP 24.....	\$40.64	20.77
GROUP 25.....	\$40.81	20.77
OPERATOR: Power Equipment (Cranes, Piledriving & Hoisting)		
GROUP 1.....	\$37.48	20.77
GROUP 2.....	\$38.26	20.77
GROUP 3.....	\$38.55	20.77
GROUP 4.....	\$38.69	20.77

GROUP 5.....	\$38.91	20.77
GROUP 6.....	\$39.02	20.77
GROUP 7.....	\$39.14	20.77
GROUP 8.....	\$39.31	20.77
GROUP 9.....	\$39.48	20.77
GROUP 10.....	\$40.48	20.77
GROUP 11.....	\$41.48	20.77
GROUP 12.....	\$42.48	20.77
GROUP 13.....	\$43.48	20.77
OPERATOR: Power Equipment (Tunnel Work)		
GROUP 1.....	\$37.98	20.77
GROUP 2.....	\$38.76	20.77
GROUP 3.....	\$39.05	20.77
GROUP 4.....	\$39.19	20.77
GROUP 5.....	\$39.41	20.77
GROUP 6.....	\$39.52	20.77
GROUP 7.....	\$39.64	20.77

PREMIUM PAY:

\$3.75 per hour shall be paid on all Power Equipment Operator work on the following Military Bases: China Lake Naval Reserve, Vandenberg AFB, Point Arguello, Seely Naval Base, Fort Irwin, Nebo Annex Marine Base, Marine Corp Logistics Base Yermo, Edwards AFB, 29 Palms Marine Base and Camp Pendleton

Workers required to suit up and work in a hazardous material environment: \$2.00 per hour additional. Combination mixer and compressor operator on gunite work shall be classified as a concrete mobile mixer operator.

SEE ZONE DEFINITIONS AFTER CLASSIFICATIONS

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bargeman; Brakeman; Compressor operator; Ditch Witch, with seat or similar type equipment; Elevator operator-inside; Engineer Oiler; Forklift operator (includes loed, lull or similar types under 5 tons; Generator operator; Generator, pump or compressor plant operator; Pump operator; Signalman; Switchman

GROUP 2: Asphalt-rubber plant operator (nurse tank operator); Concrete mixer operator-skip type; Conveyor operator; Fireman; Forklift operator (includes loed, lull or similar types over 5 tons; Hydrostatic pump operator; oiler crusher (asphalt or concrete plant); Petromat laydown machine; PJU

side dum jack; Screening and conveyor machine operator (or similar types); Skid loader (wheel type up to 3/4 yd. without attachment); Tar pot fireman; Temporary heating plant operator; Trenching machine oiler

GROUP 3: Asphalt-rubber blend operator; Bobcat or similar type (Skid steer); Equipment greaser (rack); Ford Ferguson (with dragtype attachments); Helicopter radioman (ground); Stationary pipe wrapping and cleaning machine operator

GROUP 4: Asphalt plant fireman; Backhoe operator (mini-max or similar type); Boring machine operator; Boxman or mixerman (asphalt or concrete); Chip spreading machine operator; Concrete cleaning decontamination machine operator; Concrete Pump Operator (small portable); Drilling machine operator, small auger types (Texoma super economatic or similar types - Hughes 100 or 200 or similar types - drilling depth of 30' maximum); Equipment greaser (grease truck); Guard rail post driver operator; Highline cableway signalman; Hydra-hammer-aero stomper; Micro Tunneling (above ground tunnel); Power concrete curing machine operator; Power concrete saw operator; Power-driven jumbo form setter operator; Power sweeper operator; Rock Wheel Saw/Trencher; Roller operator (compacting); Screed operator (asphalt or concrete); Trenching machine operator (up to 6 ft.); Vacuum or much truck

GROUP 5: Equipment Greaser (Grease Truck/Multi Shift).

GROUP 6: Articulating material hauler; Asphalt plant engineer; Batch plant operator; Bit sharpener; Concrete joint machine operator (canal and similar type); Concrete planer operator; Dandy digger; Deck engine operator; Derrickman (oilfield type); Drilling machine operator, bucket or auger types (Calweld 100 bucket or similar types - Watson 1000 auger or similar types - Texoma 330, 500 or 600 auger or similar types - drilling depth of 45' maximum); Drilling machine operator; Hydrographic seeder machine operator (straw, pulp or seed), Jackson track maintainer, or similar type; Kalamazoo Switch tamper, or similar type; Machine tool operator; Maginnis internal full slab vibrator, Mechanical berm, curb or gutter (concrete or asphalt); Mechanical finisher operator (concrete, Clary-Johnson-Bidwell or similar); Micro tunnel system (below ground); Pavement breaker operator (truck mounted); Road oil mixing machine operator; Roller operator (asphalt or finish), rubber-tired earth moving equipment (single engine, up to and including 25 yds. struck); Self-propelled

tar pipelining machine operator; Skiploader operator

(crawler and wheel type, over 3/4 yd. and up to and including 1-1/2 yds.); Slip form pump operator (power driven hydraulic lifting device for concrete forms); Tractor operator-bulldozer, tamper-scraper (single engine, up to 100 h.p. flywheel and similar types, up to and including D-5 and similar types); Tugger hoist operator (1 drum); Ultra high pressure waterjet cutting tool system operator; Vacuum blasting machine operator

GROUP 8: Asphalt or concrete spreading operator (tamping or finishing); Asphalt paving machine operator (Barber Greene or similar type); Asphalt-rubber distribution operator; Backhoe operator (up to and including 3/4 yd.), small ford, Case or similar; Cast-in-place pipe laying machine operator; Combination mixer and compressor operator (gunite work); Compactor operator (self-propelled); Concrete mixer operator (paving); Crushing plant operator; Drill Doctor; Drilling machine operator, Bucket or auger types (Calweld 150 bucket or similar types - Watson 1500, 2000 2500 auger or similar types - Texoma 700, 800 auger or similar types - drilling depth of 60' maximum); Elevating grader operator; Grade checker; Gradall operator; Grouting machine operator; Heavy-duty repairman; Heavy equipment robotics operator; Kalamazoo balliste regulator or similar type; Kolman belt loader and similar type; Le Tourneau blob compactor or similar type; Loader operator (Athey, Euclid, Sierra and similar types); Mobark Chipper or similar; Ozzie padder or similar types; P.C. slot saw; Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pumpcrete gun operator; Rock Drill or similar types; Rotary drill operator (excluding caisson type); Rubber-tired earth-moving equipment operator (single engine, caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. up to and including 50 cu. yds. struck); Rubber-tired earth-moving equipment operator (multiple engine up to and including 25 yds. struck); Rubber-tired scraper operator (self-loading paddle wheel type-John Deere, 1040 and similar single unit); Self-propelled curb and gutter machine operator; Shuttle buggy; Skiploader operator (crawler and wheel type over 1-1/2 yds. up to and including 6-1/2 yds.); Soil remediation plant operator; Surface heaters and planer operator; Tractor compressor drill combination operator; Tractor operator (any type larger than D-5 - 100 flywheel h.p. and over, or similar-bulldozer, tamper, scraper and push tractor single engine); Tractor operator (boom attachments), Traveling

pipe wrapping, cleaning and bending machine operator; Trenching machine operator (over 6 ft. depth capacity, manufacturer's rating); trenching Machine with Road Miner attachment (over 6 ft depth capacity); Ultra high pressure waterjet cutting tool system mechanic; Water pull (compaction) operator

GROUP 9: Heavy Duty Repairman

GROUP 10: Drilling machine operator, Bucket or auger types (Calweld 200 B bucket or similar types-Watson 3000 or 5000 auger or similar types- Texoma 900 auger or similar types-drilling depth of 105' maximum); Dual drum mixer, dynamic compactor LDC350 (or similar types); Monorail locomotive operator (diesel, gas or electric); Motor patrol-blade operator (single engine); Multiple engine tractor operator (Euclid and similar type-except Quad 9 cat.); Rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck); Pneumatic pipe ramming tool and similar types; Prestressed wrapping machine operator; Rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck); Rubber tired earth moving equipment operator (multiple engine, Euclid, caterpillar and similar over 25 yds. and up to 50 yds. struck), Tower crane repairman; Tractor loader operator (crawler and wheel type over 6-1/2 yds.); Woods mixer operator (and similar Pugmill equipment)

GROUP 11: Heavy Duty Repairman - Welder Combination, Welder - Certified.

GROUP 12: Auto grader operator; Automatic slip form operator; Drilling machine operator, bucket or auger types (Calweld, auger 200 CA or similar types - Watson, auger 6000 or similar types - Hughes Super Duty, auger 200 or similar types - drilling depth of 175' maximum); Hoe ram or similar with compressor; Mass excavator operator less tha 750 cu. yards; Mechanical finishing machine operator; Mobile form traveler operator; Motor patrol operator (multi-engine); Pipe mobile machine operator; Rubber-tired earth- moving equipment operator (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck); Rubber-tired self- loading scraper operator (paddle-wheel-auger type self-loading - two (2) or more units)

GROUP 13: Rubber-tired earth-moving equipment operator operating equipment with push-pull system (single engine, up to and including 25 yds. struck)

GROUP 14: Canal liner operator; Canal trimmer operator; Remote-control earth-moving equipment operator (operating a second piece of equipment: \$1.00 per hour additional); Wheel excavator operator (over 750 cu. yds.)

GROUP 15: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine-up to and including 25 yds. struck)

GROUP 16: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 17: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 50 cu. yds. struck); Tandem tractor operator (operating crawler type tractors in tandem - Quad 9 and similar type)

GROUP 18: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, up to and including 25 yds. struck)

GROUP 19: Rotex concrete belt operator (or similar types); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - multiple engine, up to and including 25 yds. struck)

GROUP 20: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating in tandem

(scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 21: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

GROUP 22: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, up to and including 25 yds. struck)

GROUP 23: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck); Rubber-tired earth-moving equipment operator, operating with the tandem push-pull system (multiple engine, up to and including 25 yds. struck)

GROUP 24: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 25: Concrete pump operator-truck mounted; Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

CRANES, PILEDIVING AND HOISTING EQUIPMENT CLASSIFICATIONS

GROUP 1: Engineer oiler; Fork lift operator (includes loed, lull or similar types)

GROUP 2: Truck crane oiler

GROUP 3: A-frame or winch truck operator; Ross carrier operator (jobsite)

GROUP 4: Bridge-type unloader and turntable operator;
Helicopter hoist operator

GROUP 5: Hydraulic boom truck; Stinger crane (Austin-Western or similar type); Tugger hoist operator (1 drum)

GROUP 6: Bridge crane operator; Cretor crane operator; Hoist operator (Chicago boom and similar type); Lift mobile operator; Lift slab machine operator (Vagtborg and similar types); Material hoist and/or manlift operator; Polar gantry crane operator; Self Climbing scaffold (or similar type); Shovel, backhoe, dragline, clamshell operator (over 3/4 yd. and up to 5 cu. yds. mrc); Tugger hoist operator

GROUP 7: Pedestal crane operator; Shovel, backhoe, dragline, clamshell operator (over 5 cu. yds. mrc); Tower crane repair; Tugger hoist operator (3 drum)

GROUP 8: Crane operator (up to and including 25 ton capacity); Crawler transporter operator; Derrick barge operator (up to and including 25 ton capacity); Hoist operator, stiff legs, Guy derrick or similar type (up to and including 25 ton capacity); Shovel, backhoe, dragline, clamshell operator (over 7 cu. yds., M.R.C.)

GROUP 9: Crane operator (over 25 tons and up to and including 50 tons mrc); Derrick barge operator (over 25 tons up to and including 50 tons mrc); Highline cableway operator; Hoist operator, stiff legs, Guy derrick or similar type (over 25 tons up to and including 50 tons mrc); K-crane operator; Polar crane operator; Self erecting tower crane operator maximum lifting capacity ten tons

GROUP 10: Crane operator (over 50 tons and up to and including 100 tons mrc); Derrick barge operator (over 50 tons up to and including 100 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 50 tons up to and including 100 tons mrc), Mobile tower crane operator (over 50 tons, up to and including 100 tons M.R.C.); Tower crane operator and tower gantry

GROUP 11: Crane operator (over 100 tons and up to and including 200 tons mrc); Derrick barge operator (over 100 tons up to and including 200 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 100 tons up to and including 200 tons mrc); Mobile tower crane operator (over 100 tons up to and including 200 tons mrc)

GROUP 12: Crane operator (over 200 tons up to and including 300 tons mrc); Derrick barge operator (over 200 tons up to and including 300 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 200 tons, up to and including 300 tons mrc); Mobile tower crane operator (over 200 tons, up to and including 300 tons mrc)

GROUP 13: Crane operator (over 300 tons); Derrick barge operator (over 300 tons); Helicopter pilot; Hoist operator, stiff legs, Guy derrick or similar type (over 300 tons); Mobile tower crane operator (over 300 tons)

TUNNEL CLASSIFICATIONS

GROUP 1: Skiploader (wheel type up to 3/4 yd. without attachment)

GROUP 2: Power-driven jumbo form setter operator

GROUP 3: Dinkey locomotive or motorperson (up to and including 10 tons)

GROUP 4: Bit sharpener; Equipment greaser (grease truck); Slip form pump operator (power-driven hydraulic lifting device for concrete forms); Tugger hoist operator (1 drum); Tunnel locomotive operator (over 10 and up to and including 30 tons)

GROUP 5: Backhoe operator (up to and including 3/4 yd.); Small Ford, Case or similar; Drill doctor; Grouting machine operator; Heading shield operator; Heavy-duty repairperson; Loader operator (Athey, Euclid, Sierra and similar types); Mucking machine operator (1/4 yd., rubber-tired, rail or track type); Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pneumatic heading shield (tunnel); Pumpcrete gun operator; Tractor compressor drill combination operator; Tugger hoist operator (2 drum); Tunnel locomotive operator (over 30 tons)

GROUP 6: Heavy Duty Repairman

GROUP 7: Tunnel mole boring machine operator

ENGINEERS ZONES

\$1.00 additional per hour for all of IMPERIAL County and the portions of KERN, RIVERSIDE & SAN BERNARDINO Counties as defined below:

That area within the following Boundary: Begin in San Bernardino County, approximately 3 miles NE of the intersection of I-15 and the California State line at that point which is the NW corner of Section 1, T17N,m R14E, San Bernardino Meridian. Continue W in a straight line to that point which is the SW corner of the northwest quarter of Section 6, T27S, R42E, Mt. Diablo Meridian. Continue North to the intersection with the Inyo County Boundary at that point which is the NE corner of the western half of the northern quarter of Section 6, T25S, R42E, MDM. Continue W along the Inyo and San Bernardino County boundary until the intersection with Kern County, as that point which is the SE corner of Section 34, T24S, R40E, MDM. Continue W along the Inyo and Kern County boundary until the intersection with Tulare County, at that point which is the SW corner of the SE quarter of Section 32, T24S, R37E, MDM. Continue W along the Kern and Tulare County boundary, until that point which is the NW corner of T25S, R32E, MDM. Continue S following R32E lines to the NW corner of T31S, R32E, MDM. Continue W to the NW corner of T31S, R31E, MDM. Continue S to the SW corner of T32S, R31E, MDM. Continue W to SW corner of SE quarter of Section 34, T32S, R30E, MDM. Continue S to SW corner of T11N, R17W, SBM. Continue E along south boundary of T11N, SBM to SW corner of T11N, R7W, SBM. Continue S to SW corner of T9N, R7W, SBM. Continue E along south boundary of T9N, SBM to SW corner of T9N, R1E, SBM. Continue S along west boundary of R1E, SMB to Riverside County line at the SW corner of T1S, R1E, SBM. Continue E along south boundary of T1s, SBM (Riverside County Line) to SW corner of T1S, R10E, SBM. Continue S along west boundary of R10E, SBM to Imperial County line at the SW corner of T8S, R10E, SBM. Continue W along Imperial and Riverside county line to NW corner of T9S, R9E, SBM. Continue S along the boundary between Imperial and San Diego Counties, along the west edge of R9E, SBM to the south boundary of Imperial County/California state line. Follow the California state line west to Arizona state line, then north to Nevada state line, then continuing NW back to start at the point which is the NW corner of Section 1, T17N, R14E, SBM

\$1.00 additional per hour for portions of SAN LUIS OBISPO, KERN, SANTA BARBARA & VENTURA as defined below:

That area within the following Boundary: Begin approximately 5 miles north of the community of Cholame, on the Monterey County and San Luis Obispo County boundary at the NW corner of T25S, R16E, Mt. Diablo Meridian. Continue south along the west side of R16E to the SW corner of T30S, R16E, MDM. Continue E to SW

corner of T30S, R17E, MDM. Continue S to SW corner of T31S, R17E, MDM. Continue E to SW corner of T31S, R18E, MDM. Continue S along West side of R18E, MDM as it crosses into San Bernardino Meridian numbering area and becomes R30W. Follow the west side of R30W, SBM to the SW corner of T9N, R30W, SBM. Continue E along the south edge of T9N, SBM to the Santa Barbara County and Ventura County boundary at that point which is the SW corner of Section 34. T9N, R24W, SBM, continue S along the Ventura County line to that point which is the SW corner of the SE quarter of Section 32, T7N, R24W, SBM. Continue E along the south edge of T7N, SBM to the SE corner to T7N, R21W, SBM. Continue N along East side of R21W, SBM to Ventura County and Kern County boundary at the NE corner of T8N, R21W. Continue W along the Ventura County and Kern County boundary to the SE corner of T9N, R21W. Continue North along the East edge of R21W, SBM to the NE corner of T12N, R21W, SBM. Continue West along the north edge of T12N, SBM to the SE corner of T32S, R21E, MDM. [T12N SBM is a thin strip between T11N SBM and T32S MDM]. Continue North along the East side of R21E, MDM to the Kings County and Kern County border at the NE corner of T25S, R21E, MDM, continue West along the Kings County and Kern County Boundary until the intersection of San Luis Obispo County. Continue west along the Kings County and San Luis Obispo County boundary until the intersection with Monterey County. Continue West along the Monterey County and San Luis Obispo County boundary to the beginning point at the NW corner of T25S, R16E, MDM.

\$2.00 additional per hour for INYO and MONO Counties and the Northern portion of SAN BERNARDINO County as defined below:

That area within the following Boundary: Begin at the intersection of the northern boundary of Mono County and the California state line at the point which is the center of Section 17, T10N, R22E, Mt. Diablo Meridian. Continue S then SE along the entire western boundary of Mono County, until it reaches Inyo County at the point which is the NE corner of the Western half of the NW quarter of Section 2, T8S, R29E, MDM. Continue SSE along the entire western boundary of Inyo County, until the intersection with Kern County at the point which is the SW corner of the SE 1/4 of Section 32, T24S, R37E, MDM. Continue E along the Inyo and Kern County boundary until the intersection with San Bernardino County at that point which is the SE corner of section 34, T24S, R40E, MDM. Continue E along the Inyo and San Bernardino County boundary until the point which is the NE corner of the Western half of the NW quarter of Section 6, T25S, R42E, MDM. Continue S to that point which is the SW corner of the NW quarter of Section 6, T27S, R42E, MDM.

Continue E in a straight line to the California and Nevada state border at the point which is the NW corner of Section 1, T17N, R14E, San Bernardino Meridian. Then continue NW along the state line to the starting point, which is the center of Section 18, T10N, R22E, MDM.

REMAINING AREA NOT DEFINED ABOVE RECIEVES BASE RATE

ENGI0012-004 08/01/2009

	Rates	Fringes
OPERATOR: Power Equipment (DREDGING)		
(1) Leverman.....	\$44.83	17.22
(2) Dredge dozer.....	\$40.36	17.22
(3) Deckmate.....	\$40.25	17.22
(4) Winch operator (stern winch on dredge).....	\$39.70	17.22
(5) Fireman-Oiler, Deckhand, Bargeman, Leveehand.....	\$39.16	17.22
(6) Barge Mate.....	\$39.77	17.22

IRON0002-004 07/01/2011

	Rates	Fringes
Ironworkers:		
Fence Erector.....	\$26.58	15.76
Ornamental, Reinforcing and Structural.....	\$33.00	24.40

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

LABO0089-001 07/01/2011

	Rates	Fringes
LABORER (BUILDING and all other Residential Construction)		
Group 1.....	\$26.50	14.92
Group 2.....	\$26.96	14.92
Group 3.....	\$27.37	14.92
Group 4.....	\$28.21	14.92
Group 5.....	\$32.33	14.92
LABORER (RESIDENTIAL CONSTRUCTION - See definition below)		
(1) Laborer.....	\$23.48	14.13
(2) Cleanup, Landscaping, Fencing (chain link or wood).....	\$22.19	14.13

RESIDENTIAL DEFINITION: Wood or metal frame construction of single family residences, apartments and condominiums - excluding (a) projects that exceed three stories over a garage level, (b) any utility work such as telephone, gas, water, sewer and other utilities and (c) any fine grading work, utility work or paving work in the future street and public right-of-way; but including all rough grading work at the job site behind the existing right of way

LABORER CLASSIFICATIONS

GROUP 1: Cleaning and handling of panel forms; Concrete Screeding for Rought Strike-off; Concrete, water curing; Demolition laborer; Flagman; Gas, oil and/or water pipeline laborer; General Laborer; General clean-up laborer; Landscape laborer; Jetting laborer; Temporary water and air lines laborer; Material hoseman (walls, slabs, floors and decks); Plugging, filling of Shee-bolt holes; Dry packing of concrete; Railroad maintenance, Repair Trackman and road beds, Streetcar and railroad construction trac laborers; Slip form raisers; Slurry seal crews (mixer operator, applicator operator, squeegee man, Shuttle man, top man), filling of cracks by any method on any surface; Tarman and mortar man; Tool crib or tool house laborer;

Window cleaner; Wire Mesh pulling-all concrete pouring operations

GROUP 2: Asphalt Shoveler; Cement Dumper (on 1 yard or larger mixer and handling bulk cement); Cesspool digger and installer; Chucktender; Chute man, pouring concrete, the handling of the chute from ready mix trucks, such as walls, slabs, decks, floors, foundations, footings, curbs, gutters and sidewalks; Concrete curer-impervious membrane and form oiler; Cutting torch operator (demolition); Guinea chaser; Headboard man-asphalt; Laborer, packing rod steel and pans; membrane vapor barrier installer; Power broom sweepers (small); Riprap, stonepaver, placing stone or wet sacked concrete; Roto scraper and tiller; Tank sealer and cleaner; Tree climber, faller, chain saw operator, Pittsburgh Chipper and similar type brush shredders; Underground laborers, including caisson bellow

GROUP 3: Buggymobile; Concrete cutting torch; Concrete cutting torch; Concrete pile cutter; Driller, jackhammer, 2 1/2 feet drill steel or longer; Dri Pak-it machine; High sealer (including drilling of same); Hydro seeder and similar type; Impact wrench, multi-plate; Kettlemen, potmen and men applying asphalt, lay-kold, creosote, line caustic and similar type materials (applying means applying, dipping, brushing or handling of such materials for pipe wrapping and waterproofing); Operators of pneumatic, gas, electric tools, vibrating machines, pavement breakers, air blasting, come-along, and similar mechanical tools not separately classified herein; Pipelayers back up man coating, grouting, making of joints, sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services; Rotary Scarifier or multiple head concrete chipping scarifier; Steel header board man and guideline setter; Tampers, Barko, Wacker and similar type; Trenching machine, handpropelled

GROUP 4: Asphalt raker, luterman, ironer, asphalt dumpman and asphalt spreader boxes (all types); Concrete core cutter (walls, floors or ceilings), Grinder or sander; Concrete saw man; cutting walls or flat work, scoring old or new concrete; Cribber, shorer, lagging, sheeting and trench bracing, hand-guided lagging hammer; Laser beam in connection with laborer's work; Oversize concrete vibrator operator 70 pounds and over; Pipelayer performing all services in the laying, installation and all forms of connection of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all

forms of tubular material, whether pipe, metallic or non-metallic, conduit, and any other stationary type of tubular device used for the conveying of any substance or element, whether water, sewage, solid, gas, air or other product whatsoever and without regard to the nature of material from which the tubular material is fabricated; No joint pipe and stripping of same; Prefabricated manhole installer; Sandblaster (nozzleman), Porta shot-blast, water blasting

GROUP 5: Blasters Powderman-All work of loading holes, placing and blasting of all powder and explosives of whatever type, regardless of method used for such loading and placing; Driller-all power drills, excluding jackhammer, whether core, diamond, wagon, track, multiple unit, and any and all other types of mechanical drills without regard to the form of motive power.

LABO0089-002 07/01/2010		
	Rates	Fringes
LABORER (MASON TENDER).....	\$27.11	14.38

LABO0089-004 07/01/2011

HEAVY AND HIGHWAY CONSTRUCTION

	Rates	Fringes
Laborers:		
GROUP 1.....	\$26.50	14.92
GROUP 2.....	\$26.96	14.92
GROUP 3.....	\$27.37	14.92
GROUP 4.....	\$28.21	14.92
GROUP 5.....	\$32.33	14.92

LABORER CLASSIFICATIONS

GROUP 1: Laborer: General or Construction Laborer, Landscape Laborer. Asphalt Rubber Material Loader. Boring Machine Tender (outside), Carpenter Laborer (cleaning, handling, oiling & blowing of panel forms and lumber), Concrete Laborer, Concrete Screeding for rough strike-off, Concrete water curing. Concrete Curb & Gutter laborer, Certified Confined Space Laborer, Demolition laborer & Cleaning of Brick and lumber, Expansion Joint Caulking; Environmental Remediation, Monitoring Well, Toxic waste and Geotechnical Drill tender, Fine Grader, Fire Watcher, Limbers, Brush Loader, Pilers and Debris Handlers. flagman. Gas Oil and Water Pipeline Laborer. Material Hoseman (slabs, walls,

floors, decks); Plugging, filling of shee bolt holes; Dry packing of concrete and patching; Post Holer Digger (manual); Railroad maintenance, repair trackman, road beds; Rigging & signaling; Scaler, Slip-Form Raisers, Filling cracks on any surface, tool Crib or Tool House Laborer, Traffic control (signs, barriers, barricades, delineator, cones etc.), Window Cleaner

GROUP 2: Asphalt abatement; Buggymobile; Cement dumper (on 1 yd. or larger mixers and handling bulk cement); Concrete curer, impervious membrane and form oiler; Chute man, pouring concrete; Concrete cutting torch; Concrete pile cutter; driller/Jackhammer, with drill steel 2 1/2 feet or longer; Dry pak-it machine; Fence erector; Pipeline wrapper, gas, oil, water, pot tender & form man; Grout man; Installation of all asphalt overlay fabric and materials used for reinforcing asphalt; Irrigation laborer; Kettleman-Potman hot mop, includes applying asphalt, lay-klold, creosote, lime caustic and similar tyhpes of materials (dipping, brushing, handling) and waterproofing; Membrane vapor barrier installer; Pipelayer backup man (coating, grouting, making of joints, sealing caulkiing, diapering including rubber basket joints, pointing); Rotary scarifier, multiple head concrete chipper; Rock slinger; Roto scraper & tiller; Sandblaster pot tender; Septic tank digger/installer; Tamper/wacker operator; Tank scaler & cleaner; Tar man & mortar man; Tree climber/faller, chainb saw operator, Pittsburgh chipper & similar type brush shredders.

GROUP 3: Asphalt, installation of all frabrics; Buggy Mobile Man, Bushing hammer; Compactor (all types), Concrete Curer - Impervious membrane, Form Oiler, Concrete Cutting Torch, Concrete Pile Cutter, Driller/Jackhammer with drill steel 2 1/2 ft or longer, Dry Pak-it machine, Fence erector including manual post hole digging, Gas oil or water Pipeline Wrapper - 6 ft pipe and over, Guradrail erector, Hydro seeder, Impact Wrench man (multi plate), kettleman-Potman Hot Mop includes applying Asphalt, Lay-Kold, Creosote, lime caustic and similar types of materials (dipping, brushing or handling) and waterproofing. Laser Beam in connection with Laborer work. High Scaler, Operators of Pneumatic Gas or Electric Tools, Vibrating Machines, Pavement Breakers, Air Blasting, Come-Alongs and similar mechanical tools, Remote-Controlled Robotic Tools in connection with Laborers work. Pipelayer Backup Man (Coating, grouting, m makeing of joints, sealing, caulking, diapering including rubber gasket joints,

pointing and other services). Power Post Hole Digger, Rotary Scarifier (multiple head concrete chipper scarifier), Rock Slinger, Shot Blast equipment (8 to 48 inches), Steel Headerboard Man and Guideline Setter, Tamper/Wacker operator and similar types, Trenching Machine hand propelled.

GROUP 4: Any worker exposed to raw sewage. Asphalt Raker, Luteman, Asphalt Dumpman, Asphalt Spreader Boxes, Concrete Core Cutter, Concrete Saw Man, Cribber, Shorer, Head Rock Slinger. Installation of subsurface instrumentation, monitoring wells or points, remediation system installer; Laborer, asphalt-rubber distributor bootman; Oversize concrete vibrator operators, 70 pounds or over. Pipelayer, Prefabricated Manhole Installer, Sandblast Nozzleman (Water Balsting-Porta Shot Blast), Traffic Lane Closure.

GROUP 5: Blasters Powderman-All work of loading holes, placing and blasting of all powder and explosives of whatever type, regardless of method used for such loading and placing; Horizontal directional driller, Boring system, Electronic traking, Driller: all power drills excluding jackhammer, whether core, diamond, wagon, track, multiple unit, and all other types of mechanical drills without regard to form of motive power. Environmental remediation, Monitoring well, Toxic waste and Geotechnical driller, Toxic waste removal. Welding in connection with Laborer's work.

LABO0300-008 08/05/2009

	Rates	Fringes
LABORER		
PLASTER CLEAN-UP LABORER....	\$26.65	15.95
PLASTER TENDER.....	\$29.20	15.95

Work at Military Bases - \$3.00 additional per hour:
 Coronado Naval Amphibious Base, Fort Irwin, Marine Corps Air Station-29 Palms, Imperial Beach Naval Air Station, Marine Corps Logistics Supply Base, Marine Corps Pickle Meadows, Mountain Warfare Training Center, Naval Air Facility-Seeley, North Island Naval Air Station, Vandenberg AFB.

LABO0882-002 01/01/2010

	Rates	Fringes
Asbestos Removal Laborer.....	\$26.15	11.65

SCOPE OF WORK: Includes site mobilization, initial site cleanup, site preparation, removal of asbestos-containing material and toxic waste, encapsulation, enclosure and disposal of asbestos- containing materials and toxic waste by hand or with equipment or machinery; scaffolding, fabrication of temporary wooden barriers and assembly of decontamination stations.

LABO1184-001 07/01/2011

	Rates	Fringes
Laborers: (HORIZONTAL DIRECTIONAL DRILLING)		
(1) Drilling Crew Laborer...	\$28.01	11.48
(2) Vehicle Operator/Hauler.	\$28.18	11.48
(3) Horizontal Directional Drill Operator.....	\$30.03	11.48
(4) Electronic Tracking Locator.....	\$32.03	11.48
Laborers: (STRIPING/SLURRY SEAL)		
GROUP 1.....	\$28.50	14.56
GROUP 2.....	\$29.80	14.56
GROUP 3.....	\$31.81	14.56
GROUP 4.....	\$33.55	14.56

LABORERS - STRIPING CLASSIFICATIONS

GROUP 1: Protective coating, pavement sealing, including repair and filling of cracks by any method on any surface in parking lots, game courts and playgrounds; carstops; operation of all related machinery and equipment; equipment repair technician

GROUP 2: Traffic surface abrasive blaster; pot tender - removal of all traffic lines and markings by any method (sandblasting, waterblasting, grinding, etc.) and preparation of surface for coatings. Traffic control person: controlling and directing traffic through both conventional and moving lane closures; operation of all related machinery and equipment

GROUP 3: Traffic delineating device applicator: Layout and application of pavement markers, delineating signs, rumble and traffic bars, adhesives, guide markers, other traffic delineating devices including traffic control. This category includes all traffic related surface preparation (sandblasting, waterblasting, grinding) as part of the application process. Traffic protective delineating system

installer: removes, relocates, installs, permanently affixed roadside and parking delineation barricades, fencing, cable anchor, guard rail, reference signs, monument markers; operation of all related machinery and equipment; power broom sweeper

GROUP 4: Striper: layout and application of traffic stripes and markings; hot thermo plastic; tape traffic stripes and markings, including traffic control; operation of all related machinery and equipment

 PAIN0036-001 01/01/2012

	Rates	Fringes
Painters: (Including Lead Abatement)		
(1) Repaint (excludes San Diego County).....	\$26.05	10.35
(2) All Other Work.....	\$29.32	10.35

REPAINT of any previously painted structure. Exceptions: work involving the aerospace industry, breweries, commercial recreational facilities, hotels which operate commercial establishments as part of hotel service, and sports facilities.

 PAIN0036-010 10/05/2011

	Rates	Fringes
DRYWALL FINISHER/TAPER		
(1) Building & Heavy Construction.....	\$ 33.22	13.81
(2) Residential Construction (Wood frame apartments, single family homes and multi-duplexes up to and including four stories).....	\$ 21.72	11.13

 PAIN0036-012 10/01/2011

	Rates	Fringes
GLAZIER.....	\$38.80	15.50

 PAIN0036-019 02/01/2009

	Rates	Fringes
SOFT FLOOR LAYER.....	\$26.77	11.75

PLAS0200-005 08/01/2011

	Rates	Fringes
PLASTERER.....	\$35.29	12.05

NORTH ISLAND NAVAL AIR STATION, COLORADO NAVAL AMPHIBIOUS
 BASE, IMPERIAL BEACH NAVAL AIR STATION: \$3.00 additional
 per hour.-----

PLAS0500-001 06/26/2010

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
GROUP 1.....	\$22.29	9.90
GROUP 2.....	\$23.94	9.90
GROUP 3.....	\$26.57	10.35

CEMENT MASONS - work inside the building line, meeting the
 following criteria:

GROUP 1: Residential wood frame project of any size; work
 classified as Type III, IV or Type V construction;
 interior tenant improvement work regardless the size of the
 project; any wood frame project of four stories or less.

GROUP 2: Work classified as type I and II construction

GROUP 3: All other work

 PLUM0016-006 07/01/2011

	Rates	Fringes
PLUMBER, PIPEFITTER, STEAMFITTER		
Camp Pendleton.....	\$44.00	19.35
Plumber and Pipefitter All other work except work on new additions and remodeling of bars, restaurant, stores and commercial buildings not to exceed 5,000 sq. ft. of floor space and work on strip malls, light commercial, tenant improvement and remodel work.....	\$39.50	19.35
Work ONLY on new additions and remodeling of commercial buildings, bars, restaurants, and		

stores not to exceed 5,000 sq. ft. of floor space.....	\$38.30	18.37
Work ONLY on strip malls, light commercial, tenant improvement and remodel work.....	\$30.79	16.70

PLUM0016-011 07/01/2011

	Rates	Fringes
PLUMBER/PIPEFITTER Residential.....	\$31.92	15.27

PLUM0345-001 07/01/2011

	Rates	Fringes
PLUMBER Landscape/Irrigation Fitter.	\$27.35	16.34
Sewer & Storm Drain Work....	\$26.82	18.18

ROOF0045-001 07/01/2011

	Rates	Fringes
ROOFER.....	\$23.46	6.70

SFCA0669-001 04/01/2012

	Rates	Fringes
SPRINKLER FITTER.....	\$34.18	18.51

SHEE0206-001 01/01/2012

	Rates	Fringes
SHEET METAL WORKER Camp Pendleton.....	\$35.05	19.23
Except Camp Pendleton.....	\$33.05	19.23
Sheet Metal Technician.....	\$25.22	6.69

SHEET METAL TECHNICIAN - SCOPE:

- a. Existing residential buildings, both single and multi-family, where each unit is heated and/or cooled by a separate system
- b. New single family residential buildings including tracts.
- c. New multi-family residential buildings, not exceeding five stories of living space in height, provided each unit is heated or cooled by a separate system. Hotels and motels are excluded.
- d. LIGHT COMMERCIAL WORK: Any sheet metal, heating and air conditioning work performed on a project where the total construction cost, excluding land, is under

\$1,000,000 e. TENANT IMPROVEMENT WORK: Any work necessary to finish interior spaces to conform to the occupants of commercial buildings, after completion of the building shell

TEAM0036-001 07/01/2011

	Rates	Fringes
Truck drivers:		
GROUP 1.....	\$14.90	19.50
GROUP 2.....	\$24.49	19.50
GROUP 3.....	\$24.69	19.50
GROUP 4.....	\$24.89	19.50
GROUP 5.....	\$25.09	19.50
GROUP 6.....	\$25.59	19.50
GROUP 7.....	\$27.09	19.50

FOOTNOTE: HAZMAT PAY: Work on a hazmat job, where hazmat certification is required, shall be paid, in addition to the classification working in, as follows: Levels A, B and C - +\$1.00 per hour. Workers shall be paid hazmat pay in increments of four (4) and eight (8) hours.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Fuel Man, Swamper

GROUP 2: 2-axle Dump Truck, 2-axle Flat Bed, Concrete Pumping Truck, Industrial Lift Truck, Motorized Traffic Control, Pickup Truck on Jobsite

GROUP 3: 2-axle Water Truck, 3-axle Dump Truck, 3-axle Flat Bed, Erosion Control Nozzleman, Dump Crete Truck under 6.5 yd, Forklift 15,000 lbs and over, Prell Truck, Pipeline Work Truck Driver, Road Oil Spreader, Cement Distributor or Slurry Driver, Bootman, Ross Carrier

GROUP 4: Off-road Dump Truck under 35 tons 4-axles but less than 7-axles, Low-Bed Truck & Trailer, Transit Mix Trucks under 8 yd, 3-axle Water Truck, Erosion Control Driver, Grout Mixer Truck, Dump Crete 6.5yd and over, Dumpster Trucks, DW 10, DW 20 and over, Fuel Truck and Dynamite, Truck Greaser, Truck Mounted Mobile Sweeper 2-axle Winch Truck

GROUP 5: Off-road Dump Truck 35 tons and over, 7-axles or more, Transit Mix Trucks 8 yd and over, A-Frame Truck, Swedish Cranes

GROUP 6: Off-Road Special Equipment (including but not limited to Water Pull Tankers, Athey Wagons, DJB, B70 Wuclids or like Equipment)

GROUP 7: Repairman

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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)).

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 rate.

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 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.

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.

END OF GENERAL DECISION

6/28/12 CW

City of San Diego

SOUTHWEST PIPELINE AND
TRENCHLESS CORP.
639 WEST 140TH STREET
GARDENA, CA 90248

CONTRACTOR'S NAME: _____
ADDRESS: _____
TELEPHONE NO.: 310 329 8717 FAX NO.: 310 329 0981
CITY CONTACT: Chris Gascon, Address: 600 B St., Suite 800, MS 908A San Diego, CA 92101
Email cgascon@sandiego.gov Ph (619) 533-7418 Fax (619) 533-5176
BD/LJI/CG

CONTRACT DOCUMENTS



FOR

Pipeline Rehabilitation R-1

VOLUME 2 OF 2

BID NO.: _____ K-12-5646-DBB-3-C
SAP NO. (WBS/IO/CC): _____ B-11062
CLIENT DEPARTMENT: _____ 2112
COUNCIL DISTRICT: _____ 8
PROJECT TYPE: _____ JA

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- FEDERAL EQUAL OPPORTUNITY CONTRACTING REQUIREMENTS.
- PREVAILING WAGE RATES: STATE FEDERAL
- THIS IS A CLEAN WATER STATE REVOLVING FUNDED CONTRACT THROUGH THE CALIFORNIA STATE WATER RESOURCE CONTROL BOARD.

**THIS BIDDING DOCUMENT TO BE SUBMITTED IN ITS ENTIRETY
REFER TO INVITATION TO BIDS FOR TIME, DATE, AND LOCATION**

TABLE OF CONTENTS

Volume 2 - Bidding Documents

The following forms must be completed in their entirety and submitted with the Bid. Include the form(s) even if the information does not apply. Where the information does not apply write in N/A. Failure to include any of the forms may cause the Bid to be deemed **non-responsive**. If you are uncertain or have any questions about any required information, contact the City no later than 14 days prior to Bid due date.

<u>DESCRIPTION</u>	<u>PAGE NUMBER</u>
1. Bid/Proposal.....	3 - 5
2. Bid Bond	6
3. Non-Collusion Affidavit to be executed by Bidder and Submitted with Bid under 23 USC 112 and PCC 7106	7
4. Contractors Certification of Pending Actions.....	8
5. Equal Benefits Ordinance Certification of Compliance.....	9
6. Lobby Prohibition, Certification and Disclosure	10
7. Instructions for Completion of SF-LLL, Disclosure of Lobbying Activities	11
8. Disclosure of Lobbying Activities	12 - 13
9. Proposal (Bid).....	14 - 17
10. Form AA35 - List of Subcontractors	18
11. Form AA40 - Named Equipment/Material Supplier List	19
12. EPA FORM 6100-3 – DBE Subcontractor Performance Form	20
13. EPA FORM 6100-4 – DBE Subcontractor Utilization Form	21

BIDDING DOCUMENTS

PROPOSAL

Bidder's General Information

To the City of San Diego:

Pursuant to "Invitation to Bids", specifications, and requirements on file with the City Clerk, and subject to all provisions of the Charter and Ordinances of the City of San Diego and applicable laws and regulations of the United States and the State of California, the undersigned hereby proposes to furnish to the City of San Diego, complete at the prices stated herein, the items or services hereinafter mentioned. The undersigned further warrants that this 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 induced or solicited any other bidder to put in a false or sham bid, and 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 to effectuate a collusive or sham bid.

The undersigned bidder(s) further warrants that bidder(s) has thoroughly examined and understands the entire Contract Documents (plans and specifications) and the Bidding Documents therefore, and that by submitting said Bidding Documents as its bid proposal, bidder(s) acknowledges and is bound by the entire Contract Documents, including any addenda issued thereto, as such Contract Documents incorporated by reference in the Bidding Documents.

IF A SOLE OWNER OR SOLE CONTRACTOR SIGN HERE:

- (1) Name under which business is conducted _____
- (2) Signature (Given and surname) of proprietor _____
- (3) Place of Business (Street & Number) _____
- (4) City and State _____ Zip Code _____
- (5) Telephone No. _____ Facsimile No. _____

IF A PARTNERSHIP, SIGN HERE:

- (1) Name under which business is conducted _____
- (2) Name of each member of partnership [indicate character of each partner, general or special (limited):

BIDDING DOCUMENTS

(3) Signature (Note: Signature must be made by a general partner)

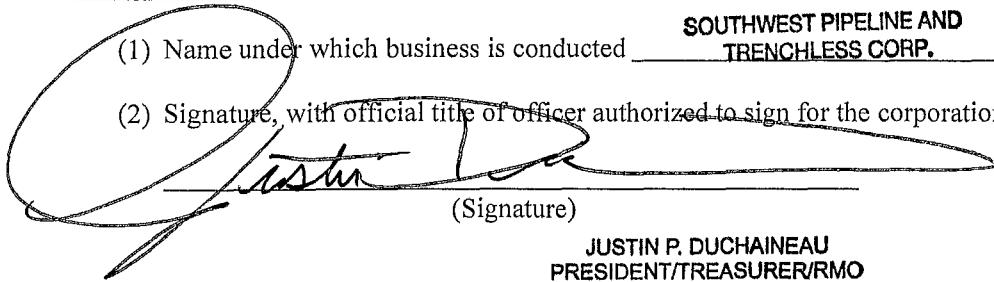
Full Name and Character of partner

(4) Place of Business (Street & Number) _____
(5) City and State _____ Zip Code _____
(6) Telephone No. _____ Facsimile No. _____

IF A CORPORATION, SIGN HERE:

(1) Name under which business is conducted SOUTHWEST PIPELINE AND TRENCHLESS CORP.

(2) Signature, with official title of officer authorized to sign for the corporation:



(Signature)

**JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.**

(Printed Name)

(Title of Officer)

(Impress Corporate Seal Here)

(3) Incorporated under the laws of the State of California
(4) Place of Business (Street & Number) 539 W. 140th ST
(5) City and State GARDENA CA Zip Code 90248
(6) Telephone No. 310 329 8717 Facsimile No. 310 329 0981

THE FOLLOWING SECTIONS MUST BE FILLED IN BY ALL PROPOSERS:

In accordance with the "INVITATION TO BIDS", the bidder holds a California State Contractor's license for the following classification(s) to perform the work described in these specifications:

LICENSE CLASSIFICATION A

LICENSE NO. 773862 EXPIRES January 31, 2014

This license classification must also be shown on the front of the bid envelope. Failure to show license classification on the bid envelope may cause return of the bid unopened.

TAX IDENTIFICATION NUMBER (TIN): 

E-Mail Address: Justin@supipeline.com

BIDDING DOCUMENTS

THIS PROPOSAL MUST BE NOTARIZED BELOW:

I certify, under penalty of perjury, that the representations made herein regarding my State Contractor's license number, classification and expiration date are true and correct.

Signature *Justin P. Duchaineau* Title _____

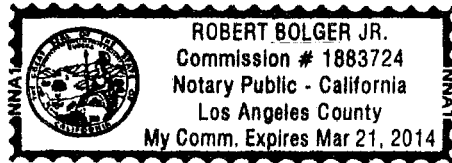
**JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.**

SUBSCRIBED AND SWORN TO BEFORE ME, THIS 26 DAY OF JUNE, 2012

Notary Public in and for the County of Los Angeles, State of CALIFORNIA

R. Bolger Jr.

(NOTARIAL SEAL)



BIDDING DOCUMENTS

BID BOND

KNOW ALL MEN BY THESE PRESENTS,

That Southwest Pipeline and Trenchless Corp. as Principal, and Liberty Mutual Insurance Company as Surety, are held and firmly bound unto The City of San Diego hereinafter called "OWNER," in the sum of **10% OF THE TOTAL BID AMOUNT** for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has submitted a Bid to said OWNER to perform the WORK required under the bidding schedule(s) of the OWNER's Contract Documents entitled

Pipeline Rehabilitation R-1

NOW THEREFORE, if said Principal is awarded a contract by said OWNER and, within the time and in the manner required in the "Invitation to Bids" enters into a written Agreement on the form of agreement bound with said Contract Documents, furnishes the required certificates of insurance, and furnishes the required Performance Bond and Payment Bond, then this obligation shall be null and void, otherwise it shall remain in full force and effect. In the event suit is brought upon this bond by said OWNER and OWNER prevails, said Surety shall pay all costs incurred by said OWNER in such suit, including a reasonable attorney's fee to be fixed by the court.

SIGNED AND SEALED, this 19th day of June, 2012

Southwest Pipeline and Trenchless Corp.

(Principal)

By: 

(Signature)

JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

Liberty Mutual Insurance Company (SEAL)

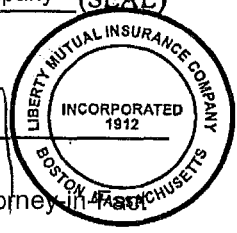
(Surety)

By: 

(Signature)

Noemi Quiroz

Attorney in Fact



CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California)
) ss
County of Los Angeles)

JUN 19 2012

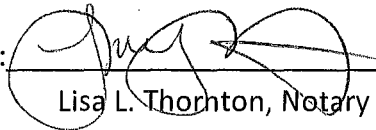
On _____, before me, Lisa L. Thornton, Notary Public , personally appeared Noemi Quiroz , who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that ~~he~~/~~she~~/~~they~~ executed the same in ~~his~~/~~her~~/~~their~~ authorized capacity(ies), and that by ~~his~~/~~her~~/~~their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

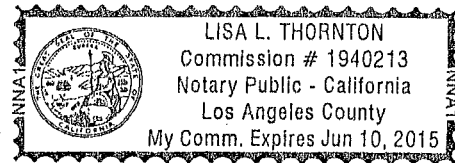
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Seal)

Signature: _____


Lisa L. Thornton, Notary Public



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for mortgage, note, loan, letter of credit, bank deposit, currency rate, interest rate or residual value guarantees. To confirm the validity of this Power of Attorney call 610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

American Fire and Casualty Company
The Ohio Casualty Insurance Company
West American Insurance Company

Liberty Mutual Insurance Company
Peerless Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That American Fire & Casualty Company and The Ohio Casualty Insurance Company are corporations duly organized under the laws of the State of Ohio, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, that Peerless Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Noemi Quiroz of the city of Los Angeles, state of CA its true and lawful attorney-in-fact, with full power and authority hereby conferred to sign, execute and acknowledge the following surety bond:

Principal Name: Southwest Pipeline and Trenchless Corp.

Obligee Name: City of San Diego

Surety Bond Number: Bid Bond

Bond Amount: See Bond Form

"Please note that if "see bond form" is stated for the bond amount, then this Power of Attorney can only support a Bid Bond or other similar preliminary bond."

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 19th day of June, 2012.



American Fire and Casualty Company
The Ohio Casualty Insurance Company
Liberty Mutual Insurance Company
Peerless Insurance Company
West American Insurance Company

By: Gregory W. Davenport
Gregory W. Davenport, Assistant Secretary

STATE OF WASHINGTON ss
COUNTY OF KING

On this 19th day of June, 2012, before me personally appeared Gregory W. Davenport, who acknowledged himself to be the Assistant Secretary of American Fire and Casualty Company, Liberty Mutual Insurance Company, The Ohio Casualty Company, Peerless Insurance Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Seattle, Washington, on the day and year first above written.



By: KD Riley
KD Riley, Notary Public, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, Peerless Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS – Section 12. Power of Attorney. Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts – SECTION 5. Surety Bonds and Undertakings. Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes Gregory W. Davenport, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, David M. Carey, the undersigned, Assistant Secretary, of American Fire and Casualty Company, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, Peerless Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 19th day of June, 2012.



By: David M. Carey
David M. Carey, Assistant Secretary

BIDDING DOCUMENTS

NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID UNDER 23 USC 112 AND PCC 7106

State of California)
County of Los Angeles) ss.

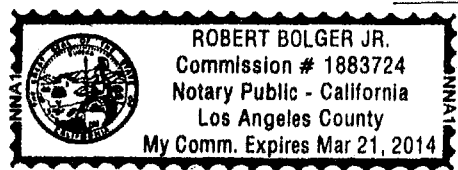
Justin P. Duchaineau, being first duly sworn, deposes and says that he or she is President/Treasurer/RMO of the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and 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 to effectuate a collusive or sham bid.

Signed: [Handwritten Signature]

Title: JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.

Subscribed and sworn to before me this 26 day of June, 2012

[Handwritten Signature]
Notary Public



(SEAL)

BIDDING DOCUMENTS

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past ten years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.

- The undersigned certifies that within the past ten years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

Contractor Name SOUTHWEST PIPELINE AND TRENCHLESS CORP.

Certified By JUSTIN P. DUCHAINEAU

Justin P. Duchaineau Name SOUTHWEST PIPELINE AND TRENCHLESS CORP.

Signature Date 6-26-12

USE ADDITIONAL FORMS AS NECESSARY

BIDDING DOCUMENTS

EQUAL BENEFITS ORDINANCE CERTIFICATION OF COMPLIANCE



For additional information, contact:

CITY OF SAN DIEGO

EQUAL BENEFITS PROGRAM

202 C Street, MS 9A, San Diego, CA 92101

Phone (619) 533-3948 Fax (619) 533-3220

COMPANY INFORMATION

Company Name: Southwest Pipeline & Trenchless Contact Name: Justin Duchameau
Company Address: 539 W. 140th St Cardena, CA 90248 Contact Phone: 310-329-8717
Contact Email: justin@swpipeline.com

CONTRACT INFORMATION

Contract Title: PIPELINE REHABILITATION R-1 Start Date:
Contract Number (If no number, state location): K-12-5646-DBB-3-C End Date:

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

The Equal Benefits Ordinance [EBO] requires the City to enter into contracts only with contractors who certify they will provide and maintain equal benefits as defined in SDMC §22.4302 for the duration of the contract. To comply:

- Contractor shall offer equal benefits to employees with spouses and employees with domestic partners.
Benefits include health, dental, vision insurance; pension/401(k) plans; bereavement, family, parental leave; discounts, child care; travel/relocation expenses; employee assistance programs; credit union membership; or any other benefit.
Any benefit not offer an employee with a spouse, is not required to be offered to an employee with a domestic partner.
Contractor shall post notice of firm's equal benefits policy in the workplace and notify employees at time of hire and during open enrollment periods.
Contractor shall allow City access to records, when requested, to confirm compliance with EBO requirements.
Contractor shall submit EBO Certification of Compliance, signed under penalty of perjury, prior to award of contract.

NOTE: This summary is provided for convenience. Full text of the EBO and Rules Implementing the EBO are available at www.sandiego.gov/administration.

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

Please indicate your firm's compliance status with the EBO. The City may request supporting documentation.



I affirm compliance with the EBO because my firm (contractor must select one reason):

- Provides equal benefits to spouses and domestic partners.
Provides no benefits to spouses or domestic partners.
Has no employees.
Has collective bargaining agreement(s) in place prior to January 1, 2011, that has not been renewed or expired.



I request the City's approval to pay affected employees a cash equivalent in lieu of equal benefits and verify my firm made a reasonable effort but is not able to provide equal benefits upon contract award. I agree to notify employees of the availability of a cash equivalent for benefits available to spouses but not domestic partners and to continue to make every reasonable effort to extend all available benefits to domestic partners.

It is unlawful for any contractor to knowingly submit any false information to the City regarding equal benefits or cash equivalent associated with the execution, award, amendment, or administration of any contract. [San Diego Municipal Code §22.4307(a)]

Under penalty of perjury under laws of the State of California, I certify the above information is true and correct. I further certify that my firm understands the requirements of the Equal Benefits Ordinance and will provide and maintain equal benefits for the duration of the contract or pay a cash equivalent if authorized by the City.

Justin Duchaineau Name/Title of Signatory President Signature Date 7/2/12

FOR OFFICIAL CITY USE ONLY

Receipt Date: EBO Analyst: [] Approved [] Not Approved - Reason:

rev 02/15/2011

LOBBY PROHIBITION, CERTIFICATION AND DISCLOSURE

In acknowledgment that funds received under this agreement have been provided pursuant to a Federal grant, recipient hereby recognizes the prohibitions against lobbying the Federal government with any of these funds. Recipient agrees that it shall comply with the laws set forth at 31 U.S.C. § 1352 (1989) and 24 C.F.R. part 87, to wit:

A. Conditions on use of funds

Recipient shall not expend any funds received pursuant to this agreement to pay any person to influence an officer or employee of Federal agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with any of the following Covered Federal actions:

- (1) The awarding of any federal contract
- (2) The making of any Federal grant
- (3) The making of any Federal Loan
- (4) The entering into of any cooperative agreement
- (5) The extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

For purposes of defining the terms of this part of the agreement, the definitions set forth in 24 C.F.R. § 87.105 are hereby adopted and incorporated herein by reference.

B. Certification and Disclosure

Each recipient at every tier under this agreement shall file a certification regarding lobbying, and a Disclosure Form-LLL, where required by 24 C.F.R. § 87.110. The certification form and Disclosure Form-LLL are attached to this agreement.

C. Certifications must be filed:

- (1) By any person upon each submission that initiates agency consideration for an award of a Federal contract, grant, or cooperative agreement exceeding \$100,000, or a Federal loan or loan guarantee exceeding \$150,000.
- (2) Upon receipt by any person of a Federal contract, grant, or cooperative agreement exceeding \$100,000, or upon receipt of a Federal loan or loan guarantee exceeding \$150,000.
- (3) By any person who requests or receives from a person referred to in subsections 1 and 2 of this paragraph:
 - a. A subcontract exceeding \$100,000 at any tier under a Federal contract;
 - b. A subgrant, contract or subcontract exceeding \$100,000 at any tier under a Federal grant;
 - c. A contract or subcontract exceeding \$100,000 at any tier under a Federal loan exceeding \$150,000;
 - d. A contract or subcontract exceeding \$100,000 at any tier under a Federal cooperative agreement.

D. Disclosure Forms-LLL must be filed in every instance when a person applies for, requests, or receives Federal appropriations exceeding \$100,000 pursuant to a contract, subcontract, grant, subgrant, loan, or cooperative agreement when such person has paid or expects to pay any sum, in cash or in kind, to influence or attempt to influence any officer or employee of an agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress. Further, Disclosure Form-LLL must be filed by recipients at any tier at the end of each calendar quarter in which there occurs any event that requires disclosure or materially affects information submitted in prior disclosures. Such events include:

- (1) 1. An increase of \$25,000 in the amount paid or expected to be paid for influencing or attempting to influence a covered Federal action;
- (2) 2. A change in the person(s) influencing or attempting to influence a covered action;
- (3) 3. A change in the officer(s), employee(s), or member(s) contacted to influence a covered action.

All disclosure Forms-LLL, but not certifications, shall be forwarded from tier to tier until received by the principal recipient, which in turn will file them with the appropriate Federal agency.

BIDDING DOCUMENTS

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity 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 a covered Federal action. Use the SF-LLLA Continuation Sheet for additional information if the space on the form is inadequate. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing there port in item 4 checks "Subawardee," then enter the full name, address, city, State and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying entity engaged by the reporting entity identified in item 4 to influence the covered Federal action.
(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).
11. Enter the amount of compensation paid or reasonably expected to be paid by the reporting entity (item4) to the lobbying entity (item10). Indicate whether the payment has been made (actual) or will be made (planned). Check all boxes that apply. If this is a material change report, enter the cumulative amount of payment made or planned to be made.
12. Check the appropriate box(es). Check all boxes that apply. If payment is made through an in-kind contribution, specify the nature and value of the in-kind payment.
13. Check the appropriate box(es). Check all boxes that apply. If other, specify nature.
14. Provide a specific and detailed description of the services that the lobbyist has performed, or will be expected to perform, and the date(s) of any services rendered. Include all preparatory and related activity, not just time spent in actual contact with Federal officials. Identify the Federal official(s) or employee(s) contacted or the officer(s), employee(s), or Member(s) of Congress that were contacted.
15. Check whether or not a SF-LLLA Continuation Sheet(s) is attached.
16. The certifying official shall sign and date the form, print his/her name, title, and telephone number.

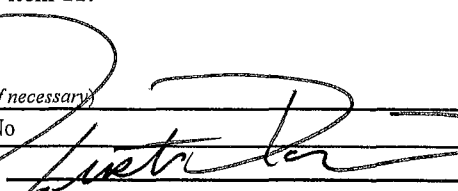
According to the Paperwork Reduction Act, as amended, no persons are required to respond to a collection of information unless it displays a valid OMB Control Number. The valid OMB control number for this information collection is OMB No. 0348-0046. Public reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instructions, searching existing datasources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, DC 20503.

BIDDING DOCUMENTS

DISCLOSURE OF LOBBYING ACTIVITIES Approved by OMB
 Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352

0348-0046

(See reverse for public burden disclosure)

1. Type of Federal Action: <input type="checkbox"/> a. Contract <input type="checkbox"/> a. Grant <input type="checkbox"/> b. Cooperative agreement <input type="checkbox"/> c. Loan <input type="checkbox"/> d. Loan guarantee <input type="checkbox"/> e. Loan insurance	2. Status of Federal Action: <input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	3. Report Type: <input type="checkbox"/> a. initial finding <input type="checkbox"/> b. material change For Material Change Only year _____ quarter _____ date of last report _____
4. Name and Address of Reporting Entity: <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known: Congressional District, if known:	5. If Reporting Entity in No. 4 is a Subawardee, Enter Name and Address of Prime: Congressional District, if known:	
6. Federal Department/Agency: N/A	7. Federal Program Name/Description: CFDA Number, if applicable: _____	
8. Federal Action Number, if known:	9. Award Amount, if known: \$ _____	
10. a. Name and Address of Lobbying Entity (if individual, last name, first name, M)	b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI):	
(attach Continuation Sheet(s) SF-LLL4, if necessary)		
11. Amount of Payment (check all that apply) \$ _____ <input type="checkbox"/> actual <input type="checkbox"/> planned	13. Type of Payment (check all that apply) <input type="checkbox"/> a. retainer <input type="checkbox"/> b. one-time fee <input type="checkbox"/> c. commission <input type="checkbox"/> d. contingent fee <input type="checkbox"/> e. deferral <input type="checkbox"/> f. other: specify: _____	
12. Form of Payment (check all that apply) <input type="checkbox"/> a. cash <input type="checkbox"/> b. in-kind: specify: nature _____ Value: _____		
14. Brief Description of Services Performed or to be Performed and Date(s) of Service, Including officer(s), employee(s), or Member(s), contacted, for Payment indicated in item 11: (attach Continuation Sheet(s) SF-LLLA, if necessary)		
15. Continuation Sheet(s) SF-LLLA attached: <input type="checkbox"/> Yes <input type="checkbox"/> No		
16. Information requested through this for misauthorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.	Signature:  Print Name: <u>JUSTIN P. DUCHAINEAU</u> Title: <u>PRESIDENT/TREASURER/RMO SOUTHWEST PIPELINE AND TRENCHLESS CORP.</u> Telephone No.: <u>310 329 8717</u> Date: <u>6/26/12</u>	
Federal Use Only:		Authorized for Local Reproduction Standard Form LLL (Rev. 7-07)

BIDDING DOCUMENTS

**DISCLOSURE OF LOBBYING ACTIVITIES
CONTINUATION SHEET**

Approved by
OMB0348-0046

Reporting Entity: _____ Page _____ of _____

N/A

Authorized for Local Reproduction
Standard Form - LLL-A

BIDDING DOCUMENTS

PROPOSAL (BID)

The Bidder agrees to the construction of **Pipeline Rehabilitation R-1**, for the City of San Diego, in accordance with these contract documents for the prices listed below. The Bidder guarantees the Contract Price for a period of 120 days (90 days for federally funded contracts and contracts valued at \$500,000 or less) from the date of Bid opening to Award of the Contract. The duration of the Contract Price guarantee shall be extended by the number of days required for the City to obtain all items necessary to fulfill all conditions precedent e.g., bond and insurance.

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
BASE BID							
1	1	LS	237110	2-4.1	Bonds (Payment and Performance)	 	\$45,000.00
2	1	EA	237110	3-3.2.2	Certified Payroll	\$ 500.00	\$ 500.00
3	1	LS	238990	7-9.1.1	Video Recording of Pre-existing Conditions	 	\$ 1,000.00
4	1	LS	541330	7-10.2.7	Traffic Control Design	 	\$5,000.00
5	1	LS	237310	7-10.2.7	Traffic Control	 	\$ 5000.00
6	1	LS	237110	7-16.3	Community Liaison	 	\$ 10,000.00
7	1	LS	237110	9-3.4.1	Mobilization	 	\$ 10,000.00
8	1	AL		9-3.5	Field Orders	 	\$79,458.49
9	6,000	SF	237310	302-4.5	Rubberized Emulsion-Aggregate Slurry Seal Type II and Striping	\$ 1.00	\$ 6,000.00
10	10	TON	237310	302-4.5	AC Patching for Slurry Seal	\$ 100.00	\$ 1,000.00
11	1	LS	237310	302-4.5.1	Bond for Slurry Seal	 	\$ 10.00
12	1,875	SF	237310	302-5.1.2	Damaged AC Pavement Replacement	\$ 3.00	\$ 5,625.00
13	1,000	LF	237310	302-13.5	Crack Seal	\$ 2.00	\$ 2,000.00
14	1	LS	237110	306-1.1.6	Trench Shoring	 	\$ 5,000.00
15	100	CY	237110	306-1.2.1.1	Additional Bedding	\$ 20.00	\$ 2,000.00
16	20	TON	237110	306-1.6	Imported Backfill	\$ 20.00	\$ 400.00

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
17	37,917	LF	237110	306-1.4.8.8	Televising Sewer Mains & Storm Drains For Acceptance	\$0.55	\$20,854.35
18	967	EA	237110	306-1.4.8.8	Televising Sewer Laterals & Storm Drains For Acceptance	\$ 30.00	\$29,010.00
19	37,917	LF	237110	306-1.4.8.8	Cleaning & Televising of Existing Sewer Mains & Storm Drains	\$ 1.10	\$41,708.70
20	967	EA	237110	306-1.4.8.8	Cleaning & Televising of Existing Sewer Laterals & Storm Drains	\$ 75.00	\$72,525.00
21	100	TON	237310	306-1.5.1	Temporary Resurfacing	\$ 99.00	\$9,900.00
22	23	EA	237110	306-1.6	Sewer Main Cleanout	\$3,000.00	\$69,000.00
23	7	EA	237110	306-1.8.6	Manholes (3' x 4')	\$7,200.00	\$50,400.00
24	36,132	LF	237110	500-1.1.9	Rehabilitate 8-Inch Sewer Main	\$22.00	\$794,904.00
25	1,785	LF	237110	500-1.1.9	Rehabilitate 10-Inch Sewer Main	\$25.00	\$44,625.00
26	15	EA	237110	500-1.2.7	Point Repair for Existing 8-Inch Sewer Main	\$1,500.00	\$22,500.00
27	100	LF	237110	500-1.2.7	Additional Point Repair for Existing 8-Inch Sewer Main	\$100.00	\$10,000.00
28	967	EA	237110	500-1.6.2.6	Service Lateral Connection	\$1,000.00	\$967,000.00
29	967	EA	237110	500-1.6.2.6	Sewer Lateral Lining	\$1,670.00	\$1,614,890.00
30	9	EA	237110	500-2.10.2	Rehabilitate Existing Manhole	\$2,100.00	\$18,900.00
31	1	LS	541330	801-9.4	Water Pollution Control Program Development	 	\$ 1,000.00
32	1	LS	237990	801-9.4	Water Pollution Control Program Implementation	 	\$ 500.00
33	1	LS	237110	805-2.2	Sewer Bypass & Pumping Plan (Flow Diversion)	 	\$ 7,500.00
ESTIMATED TOTAL BASE BID:							\$3,953,210.54

BIDDING DOCUMENTS

TOTAL BID PRICE FOR BID (Items 1 through 33 inclusive) amount written in words:

Three Million Nine Hundred Fifty Three Thousand Two Hundred Ten Dollars and Fifty four cents.

The Bid shall contain an acknowledgment of receipt of all addenda, the numbers of which shall be filled in on this Bid form.

List the Addenda received and being acknowledged: *A*

If an addendum or addenda has been issued by the City and not noted as being received by the Bidder, the Bid shall be rejected as being **non-responsive**.

The names of all persons interested in the foregoing proposal as principals are as follows:

JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.

ROBERT E. BOLGER, JR.
SECRETARY
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.

IMPORTANT NOTICE: If Bidder or other interested person is a corporation, state secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners composing firm; if Bidder or other interested person is an individual, state first and last names in full.

Bidder: **SOUTHWEST PIPELINE AND TRENCHLESS CORP.** **JUSTIN P. DUCHAINEAU**
PRESIDENT/TREASURER/RMO

Title: **SOUTHWEST PIPELINE AND TRENCHLESS CORP.** **SOUTHWEST PIPELINE AND TRENCHLESS CORP.**

Business Address: **SOUTHWEST PIPELINE AND TRENCHLESS CORP.**

Place of Business: **539 WEST 140TH STREET**
GARDENA, CA 90248

Place of Residence: *Venice, CA.*

Signature: *Justin P. Duchaineau*
JUSTIN P. DUCHAINEAU
PRESIDENT/TREASURER/RMO
SOUTHWEST PIPELINE AND
TRENCHLESS CORP.

BIDDING DOCUMENTS

NOTES:

- A. The City shall determine the low Bid based on the Base Bid alone.
- B. Prices and notations shall be in ink or typewritten. All corrections (which have been initiated by the Bidder using erasures, strike out, line out, or "white-out") shall be typed or written in with ink adjacent thereto, and shall be initialed in ink by the person signing the bid proposal.
- C. Failure to initial all corrections made in the bidding documents shall cause the Bid to be rejected as **non-responsive** and ineligible for further consideration.
- D. Blank spaces must be filled in, using figures. Bidder's failure to submit a price for any Bid item that requires the Bidder to submit a price shall render the Bid **non-responsive** and shall be cause for its rejection.
- E. Unit prices shall be entered for all unit price items. Unit prices shall not exceed two (2) decimal places. If the Unit prices entered exceed two (2) decimal places, the City will only use the first two digits after the decimal points without rounding up or down.
- F. All extensions of the unit prices bid will be subject to verification by the City. In the case of inconsistency or conflict between the product of the Quantity x Unit Price and the Extension, the product shall govern.
- G. In the case of inconsistency or conflict, between the sums of the Extensions with the estimated total Bid, the sum of the Extensions shall govern.
- H. Bids shall not contain any recapitulation of the Work. Conditional Bids will be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Bidder shall list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Contractor's total Bid. The Bidder shall also list below the portion of the work which will be done by each subcontractor under this Contract. The Contractor shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed shall be stated for all subcontractors listed. Failure to comply with this requirement shall result in the Bid being rejected as **non-responsive** and ineligible for award. The Bidder's attention is directed to the Special Provisions - General; Paragraph 2-3 Subcontracts, which stipulates the percent of the Work to be performed with the Bidders' own forces. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>Russel Warner AST</u> Address: <u>4617 Brazil St</u> City: <u>Los Angeles</u> State: <u>CA</u> Zip: <u>90039</u> Phone: <u>818-550-2721</u>	<u>constructor</u>	<u>clean & CCTV Post Lateral Videos</u>	<u>\$123,807.16</u>	DBE <u>JD</u> <u>WBE</u>	<u>CPUC</u>	
Name: <u>Appian UDBE SWPPP</u> Address: <u>5780 Olinda RD</u> City: <u>EL SOBRANTE</u> State: <u>CA</u> Zip: <u>94803</u> Phone: <u>510-375-1927</u>	<u>Designer</u>	<u>WPCP</u>	<u>\$625.00</u>	<u>DBE</u>	<u>CALTRANS</u>	
Name: <u>Zebron Corp.</u> Address: <u>PO Box 2874</u> City: <u>Newport Beach</u> State: <u>CA</u> Zip: <u>92659</u> Phone: <u>714-632-6690</u>	<u>constructor</u>	<u>Rehabilitate Existing Manhole</u>	<u>\$18,900.00</u>	<u>N/A</u>	<u>N/A</u>	

① As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
| Other Business Enterprise | OBE | Certified Emerging Local Business Enterprise | ELBE |
| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |

② As appropriate, Bidder shall indicate if Subcontractor is certified by:

- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | San Diego Regional Minority Supplier Diversity Council | SRMSDC |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

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The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Bidder shall list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Contractor's total Bid. The Bidder shall also list below the portion of the work which will be done by each subcontractor under this Contract. The Contractor shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed shall be stated for all subcontractors listed. Failure to comply with this requirement shall result in the Bid being rejected as **non-responsive** and ineligible for award. The Bidder's attention is directed to the Special Provisions - General; Paragraph 2-3 Subcontracts, which stipulates the percent of the Work to be performed with the Bidders' own forces. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>SC VALLEY Engineering, Inc</u> Address: <u>656 Front St</u> City: <u>EL CAJON</u> State: <u>CA</u> Zip: <u>92020</u> Phone: <u>619-444-2366</u>	<u>constructor</u>	<u>OPEN-CUT clean-outs point repairs</u>	<u>\$949,425.00</u>	<u>MBE DBE SD</u>	<u>CALTRANS</u>	
Name: <u>ACE Pipeline</u> Address: <u>PO Box 463061</u> City: <u>San Diego</u> State: <u>CA</u> Zip: <u>92146</u> Phone: <u>760-497-7868</u>	<u>constructor</u>	<u>Bid Items 29, 18, 20</u>	<u>\$869,310.00</u>	<u>N/A</u>	<u>N/A</u>	
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						

① As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

Certified Minority Business Enterprise	MBE	Certified Woman Business Enterprise	WBE
Certified Disadvantaged Business Enterprise	DBE	Certified Disabled Veteran Business Enterprise	DVBE
Other Business Enterprise	OBE	Certified Emerging Local Business Enterprise	ELBE
Certified Small Local Business Enterprise	SLBE	Small Disadvantaged Business	SDB
Woman-Owned Small Business	WoSB	HUBZone Business	HUBZone
Service-Disabled Veteran Owned Small Business	SDVOSB		

② As appropriate, Bidder shall indicate if Subcontractor is certified by:

City of San Diego	CITY	State of California Department of Transportation	CALTRANS
California Public Utilities Commission	CPUC	San Diego Regional Minority Supplier Diversity Council	SRMSDC
State of California's Department of General Services	CADoGS	City of Los Angeles	LA
State of California	CA	U.S. Small Business Administration	SBA

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).

BIDDING DOCUMENTS

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

The Bidder seeking the recognition of equipment, materials, or supplies obtained from Suppliers towards achieving any mandatory, voluntary, or both subcontracting participation percentages shall list the Supplier(s) on the Named Equipment/Material Supplier List. The Named Equipment/Material Supplier List, at a minimum, shall have the name, locations (City) and the **DOLLAR VALUE** of the Suppliers. The Bidder will be credited up to 60% of the amount to be paid to the Suppliers for such materials and supplies unless vendor manufactures or substantially alters materials and supplies in which case 100% will be credited. The Bidder is to indicate (Yes/No) whether listed firm is a supplier or manufacturer. In calculating the subcontractor participation percentages, vendors/suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **DOLLAR VALUE** for purposes of calculating the Subcontractor Participation Percentage, Suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **DOLLAR VALUE** for purposes of calculating the subcontractor participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF VENDOR/SUPPLIER	MATERIALS OR SUPPLIES	DOLLAR VALUE OF MATERIAL OR SUPPLIES	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB ^①	WHERE CERTIFIED ^②
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____						

① As appropriate, Bidder shall identify Vendor/Supplier as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
| Other Business Enterprise | OBE | Certified Emerging Local Business Enterprise | ELBE |
| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |

② As appropriate, Bidder shall indicate if Vendor/Supplier is certified by:

- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | San Diego Regional Minority Supplier Diversity Council | SRMSDC |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification (except for OBE, SLBE and ELBE).



Environmental
Protection Agency

OMB Control No: _____
Approved: _____
Approval Expires: _____

Disadvantaged Business Enterprise Program
DBE Subcontractor Performance Form

Russel Warner Inc. DBA

NAME OF SUBCONTRACTOR ¹ Advanced Sewer Technologies		PROJECT NAME Rehab R-1
ADDRESS 4617 Brazil St. Los Angeles CA 90039	BID/PROPOSAL NO. K-12-5646-DBA-3C	
TELEPHONE NO. 818.550.2721	E-MAIL ADDRESS Jeffg@rw-ast.com	
PRIME CONTRACTOR NAME Southwest		
CONTRACT ITEM NO.	ITEM OF WORK OR DESCRIPTION OF SERVICES BID TO PRIME	PRICE OF WORK SUBMITTED TO PRIME CONTRACTOR
17	Clean & CCTV Post	\$123,807.16
19	Clean & CCTV	
20	Lateral Cleaning	
Currently certified as an MBE or WBE under EPA's DBE Program? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Signature of Prime Contractor <i>Justin Duchaineau</i>		Date 6/26/12
Print Name JUSTIN DUCHAINEAU		Title PRESIDENT
Signature of Subcontractor <i>Jeff Garcia</i>		Date 6/25/12
Print Name Jeff Garcia		Title Manager

¹Subcontractor is defined as a company, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance.

BIDDING DOCUMENTS

OMB Control No.:2090-0030
 Approved: 05/01/2008
 Approval Expires: 01/31/2011



Environmental
 Protection Agency


**Disadvantaged Business Enterprise Program
 DBE Subcontractor Utilization Form**

BID/PROPOSAL NO. K-12-5646-DBB-3-C	PROJECT NAME Pipeline Rehab R-1
NAME OF PRIME BIDDER/PROPOSER Southwest Pipeline	E-MAIL ADDRESS Justin@swpipeline.com
ADDRESS 539 W. 140th St. Gardena, CA 90248	
TELEPHONE NO.	FAX NO.

The following subcontracts will be used on this project:

COMPANY NAME, ADDRESS, PHONE NUMBER, AND E-MAIL ADDRESS	TYPE OF WORK TO BE PERFORMED	ESTIMATED DOLLAR AMOUNT	CURRENTLY CERTIFIED AS AN MBE OR WBE?
Russel Warner Inc. DBA Advanced Sewer Technologies 4617 Brazil St Los Angeles CA 90039 818-550-2721 Jeffg@rw-ast.com	clean/cctv Post clean/cctv Lateral cleaning/ cctv	\$123,807.16	WBE Yes CP

I certify under penalty of perjury that the foregoing statements are true and correct. In the event of a replacement of a subcontractor, I will adhere to the replacement requirements set forth in 40 CFR Part 33 Section 33-302 (c)


 Signature of Prime Contractor 6/26/12
 Date

Justin Duchaineau President
 Print Name Title

¹Subcontractor is defined as companies, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance



Environmental
Protection Agency

OMB Control No: _____
Approved: _____
Approval Expires: _____

Disadvantaged Business Enterprise Program
DBE Subcontractor Performance Form

NAME OF SUBCONTRACTOR ¹ APPIAN WDBE SWPPP		PROJECT NAME Rehabs R-1
ADDRESS 5780 Olinda Rd. El Sobrante, CA 94803		BID/PROPOSAL NO. K-17-5646-DBB-3-C
TELEPHONE NO. 510-375-1927	E-MAIL ADDRESS TomKoprek@yahoo.com	
PRIME CONTRACTOR NAME Southwest Pipeline		
CONTRACT ITEM NO.	ITEM OF WORK OR DESCRIPTION OF SERVICES BID TO PRIME	PRICE OF WORK SUBMITTED TO PRIME CONTRACTOR
31	WPCP	625 ⁰⁰
Currently certified as an MBE or WBE under EPA's DBE Program? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Signature of Prime Contractor <i>Justin Duchaineau</i>		Date 6/26/12
Print Name Justin Duchaineau		Title President
Signature of Subcontractor <i>Tom Koprek</i>		Date 6/26/12
Print Name Tom Koprek		Title ESTIMATOR

¹Subcontractor is defined as a company, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance.

BIDDING DOCUMENTS

OMB Control No.:2090-0030
 Approved: 05/01/2008
 Approval Expires: 01/31/2011



Environmental
 Protection Agency


**Disadvantaged Business Enterprise Program
 DBE Subcontractor Utilization Form**

BID/PROPOSAL NO. K-12-5646 - PBB -3-C	PROJECT NAME Pipeline Rehab R-1
NAME OF PRIME BIDDER/PROPOSER Southwest Pipeline	E-MAIL ADDRESS Justin@Swpipeline.com
ADDRESS 539 W. 140th St. Gardena, CA 90248	
TELEPHONE NO. 310-329-8717	FAX NO. 310-329-0981

The following subcontracts will be used on this project:

COMPANY NAME, ADDRESS, PHONE NUMBER, AND E-MAIL ADDRESS	TYPE OF WORK TO BE PERFORMED	ESTIMATED DOLLAR AMOUNT	CURRENTLY CERTIFIED AS AN MBE OR WBE?
Appian VDBE SWPPP 5780 Olinda Rd. El Sobrante, CA 94803 510-375-1927 TomKoprek@yahoo.com	WPCP	\$625.00	DBE SD CALTRANS SD Yes

I certify under penalty of perjury that the foregoing statements are true and correct. In the event of a replacement of a subcontractor, I will adhere to the replacement requirements set forth in 40 CFR Part 33 Section 33-302 (c)


 Signature of Prime Contractor 6/26/12
 Date

Justin Duchaineau President
 Print Name Title

¹Subcontractor is defined as companies, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance



Environmental Protection Agency

OMB Control No: _____
 Approved: _____
 Approval Expires: _____

Disadvantaged Business Enterprise Program
 DBE Subcontractor Performance Form

NAME OF SUBCONTRACTOR ¹ SC Valley Engineering, Inc		PROJECT NAME Pipeline Rehab R-1
ADDRESS 1530 Front St El Cajon CA 92020		BID/PROPOSAL NO.
TELEPHONE NO. 619 444 2366		E-MAIL ADDRESS smiller@scvalleyinc.com
PRIME CONTRACTOR NAME Southwest Pipeline & Trenchless Corp		
CONTRACT ITEM NO.	ITEM OF WORK OR DESCRIPTION OF SERVICES BID TO PRIME	PRICE OF WORK SUBMITTED TO PRIME CONTRACTOR
5	TRAFFIC CONTROL (PORTION)	\$10,000.00
7	MOBILIZATION (PORTION)	\$5,000.00
14	TRENCH SHORING	\$5,000.00
15	ADDITIONAL BEDDING	\$32.00
16	IMPORTED BACKFILL	\$9.00
21	TEMPORARY RESURFACING	\$99.00
22	SEWER MAIN CLEANOUT	\$3,000.00
23	MANHOLES (3' X 4')	\$7,200.00
26	POINT REPAIR FOR EXISTING 8" SEWER MAIN	\$3,300.00
27	ADDITIONAL POINT REPAIR FOR EXISTING 8" SEWER MAIN	\$100.00
29	SEWER LATERAL LINING (PORTION - CLEANOUT)	\$775.00
32	WATER POLLUTION CONTROL PLAN (PORTION)	\$570.00
33	SEWER BYPASS & PUMPING Plan (FLOW DIVERSION) (PORTION)	\$5,000.00 JD
Currently certified as an MBE or WBE under EPA's DBE Program? <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Signature of Prime Contractor <i>Justin D. Dineen</i>		Date 6/26/12
Print Name Justin Dineen		Title President
Signature of Subcontractor <i>Samuel H. Nathan</i>		Date June 26, 2012
Print Name Samuel H. Nathan		Title President

¹Subcontractor is defined as a company, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance.

BIDDING DOCUMENTS

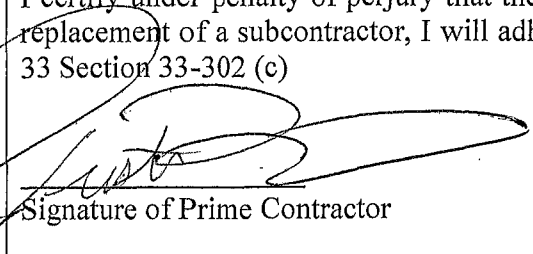
OMB Control No.:2090-0030
 Approved: 05/01/2008
 Approval Expires: 01/31/2011



Environmental
 Protection Agency

**Disadvantaged Business Enterprise Program
 DBE Subcontractor Utilization Form**

BID/PROPOSAL NO. K-12-5646-0BB-3-C	PROJECT NAME Pipeline Rehab R-1
NAME OF PRIME BIDDER/PROPOSER Southwest Pipeline	E-MAIL ADDRESS Justin@swpipeline.com
ADDRESS 539 W. 140th St. Gardena CA 90248	
TELEPHONE NO. 310-329-8717	FAX NO. 310-329-0481

The following subcontracts will be used on this project:			
COMPANY NAME, ADDRESS, PHONE NUMBER, AND E-MAIL ADDRESS	TYPE OF WORK TO BE PERFORMED	ESTIMATED DOLLAR AMOUNT	CURRENTLY CERTIFIED AS AN MBE OR WBE?
SC VALLEY ENG., INC 656 Front St EL CAJON, CA 92020 619-444-2366 Smiller@SCVALLEY.COM	OPEN CUT Paint Repairs Manholes clean-outs	\$949,425.00	Yes
I certify under penalty of perjury that the foregoing statements are true and correct. In the event of a replacement of a subcontractor, I will adhere to the replacement requirements set forth in 40 CFR Part 33 Section 33-302 (c)			
 Signature of Prime Contractor		6/26/12 Date	
Justin Duchaineau Print Name		President Title	

¹Subcontractor is defined as companies, firm, joint venture, or individual who enters into an agreement with a contractor to provide services pursuant to an EPA award of financial assistance