

PROFESSIONAL SERVICES AGREEMENT
[Land Surveying Services]

THIS PROFESSIONAL SERVICES AGREEMENT (the “Agreement”) is made at Orange, California, on this _____ day of _____, 2026 (the “Effective Date”) by and between the CITY OF ORANGE, a municipal corporation (“City”), and JOSEPH C. TRUXAW AND ASSOCIATES, INC., a California corporation (“Contractor”), who agree as follows:

1. Services. Subject to the terms and conditions set forth in this Agreement, Contractor shall provide to the reasonable satisfaction of City the services set forth in Exhibit “A,” which is attached hereto and incorporated herein by reference. As a material inducement to City to enter into this Agreement, Contractor represents and warrants that it has thoroughly investigated and considered the scope of services and fully understands the difficulties and restrictions in performing the work. The services which are the subject of this Agreement are not in the usual course of City’s business and City relies on Contractor’s representation that it is independently engaged in the business of providing such services and is experienced in performing the work. Contractor shall perform all services in a manner reasonably satisfactory to City and in a manner in conformance with the standards of quality normally observed by an entity providing such services to a municipal agency. All services provided shall conform to all federal, state and local laws, rules and regulations and to the best professional standards and practices. The terms and conditions set forth in this Agreement shall control over any terms and conditions in Exhibit "A" to the contrary.

Jonathan Smith, Assistant Engineer (“City’s Project Manager”), shall be the person to whom Contractor will report for the performance of services hereunder. It is understood that Contractor’s performance hereunder shall be under the supervision of City’s Project Manager (or his/her designee), that Contractor shall coordinate its services hereunder with City’s Project Manager to the extent required by City’s Project Manager, and that all performances required hereunder by Contractor shall be performed to the satisfaction of City’s Project Manager and the City Manager.

2. Compensation and Fees.

a. Contractor's total compensation for all services performed under this Agreement, shall not exceed ONE HUNDRED NINETEEN THOUSAND FOUR HUNDRED NINETY-FIVE DOLLARS and 00/100 (\$119,495.00) without the prior written authorization of City.

b. The above compensation shall include all costs, including, but not limited to, all clerical, administrative, overhead, insurance, reproduction, telephone, travel, auto rental, subsistence and all related expenses.

3. Payment.

a. As scheduled services are completed, Contractor shall submit to City an invoice for the services completed, authorized expenses and authorized extra work actually performed or incurred.

b. All such invoices shall state the basis for the amount invoiced, including services completed, the number of hours spent and any extra work performed.

c. City will pay Contractor the amount invoiced within thirty (30) days after the approval of the invoice.

d. Payment shall constitute payment in full for all services, authorized costs and authorized extra work covered by that invoice.

4. **Change Orders.** No payment for extra services caused by a change in the scope or complexity of work, or for any other reason, shall be made unless and until such extra services and a price therefor have been previously authorized in writing and approved by City as an amendment to this Agreement. City's Project Manager is authorized to approve a reduction in the services to be performed and compensation therefor. All amendments shall set forth the changes of work, extension of time, and/or adjustment of the compensation to be paid by City to Contractor and shall be signed by the City's Project Manager, City Manager or City Council, as applicable.

5. **Licenses.** Contractor represents that it and any subcontractors it may engage, possess any and all licenses which are required under state or federal law to perform the work contemplated by this Agreement and that Contractor and its subcontractors shall maintain all appropriate licenses, including a City of Orange business license, at its cost, during the performance of this Agreement.

6. **Independent Contractor.** At all times during the term of this Agreement, Contractor shall be an independent contractor and not an employee of City. City shall have the right to control Contractor only insofar as the result of Contractor's services rendered pursuant to this Agreement. City shall not have the right to control the means by which Contractor accomplishes services rendered pursuant to this Agreement. Contractor shall, at its sole cost and expense, furnish all facilities, materials and equipment which may be required for furnishing services pursuant to this Agreement. Contractor shall be solely responsible for, and shall indemnify, defend and save City harmless from all matters relating to the payment of its subcontractors, agents and employees, including compliance with social security withholding and all other wages, salaries, benefits, taxes, exactions, and regulations of any nature whatsoever. Contractor acknowledges that it and any subcontractors, agents or employees employed by Contractor shall not, under any circumstances, be considered employees of City, and that they shall not be entitled to any of the benefits or rights afforded employees of City, including, but not limited to, sick leave, vacation leave, holiday pay, Public Employees Retirement System benefits, or health, life, dental, long-term disability or workers' compensation insurance benefits.

7. **Contractor Not Agent.** Except as City may specify in writing, Contractor shall have no authority, express or implied, to act on behalf of City in any capacity whatsoever as an agent. Contractor shall have no authority, express or implied, to bind City to any obligation whatsoever.

8. **Designated Persons.** Only those qualified persons authorized by City’s Project Manager, or as designated in Exhibit “A,” shall perform work provided for under this Agreement. It is understood by the parties that clerical and other nonprofessional work may be performed by persons other than those designated.

9. **Assignment or Subcontracting.** No assignment or subcontracting by Contractor of any part of this Agreement or of funds to be received under this Agreement shall be of any force or effect unless the assignment has the prior written approval of City. City may terminate this Agreement rather than accept any proposed assignment or subcontracting. Such assignment or subcontracting may be approved by the City Manager or his/her designee.

10. **Time of Completion.** Except as otherwise specified in Exhibit “A,” Contractor shall commence the work provided for in this Agreement within five (5) days of the Effective Date of this Agreement and diligently prosecute completion of the work in accordance with the time period set forth in Exhibit “A” hereto or as otherwise agreed to by and between the representatives of the parties.

11. **Time Is of the Essence.** Time is of the essence in this Agreement. Contractor shall do all things necessary and incidental to the prosecution of Contractor's work.

12. **Reserved.**

13. **Delays and Extensions of Time.** Contractor's sole remedy for delays outside its control, other than those delays caused by City, shall be an extension of time. No matter what the cause of the delay, Contractor must document any delay and request an extension of time in writing at the time of the delay to the satisfaction of City. Any extensions granted shall be limited to the length of the delay outside Contractor’s control. If Contractor believes that delays caused by City will cause it to incur additional costs, it must specify, in writing, why the delay has caused additional costs to be incurred and the exact amount of such cost at the time the delay occurs. No additional costs can be paid that exceed the not to exceed amount stated in Section 2.a, above, absent a written amendment to this Agreement.

14. **Products of Contractor.** The documents, studies, evaluations, assessments, reports, plans, citations, materials, manuals, technical data, logs, files, designs and other products produced or provided by Contractor for this Agreement shall become the property of City upon receipt. Contractor shall deliver all such products to City prior to payment for same. City may use, reuse or otherwise utilize such products without restriction.

15. **Equal Employment Opportunity.** During the performance of this Agreement, Contractor agrees as follows:

a. Contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, mental or physical disability, or any other basis prohibited by applicable law. Contractor shall ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, national origin, mental or physical disability, or any other basis prohibited by applicable law.

Such actions shall include, but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training, including apprenticeship. Contractor agrees to post in conspicuous places, available to employees and applicants for employment, a notice setting forth provisions of this non-discrimination clause.

b. Contractor shall, in all solicitations and advertisements for employees placed by, or on behalf of Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, mental or physical disability, or any other basis prohibited by applicable law.

c. Contractor shall cause the foregoing paragraphs (a) and (b) to be inserted in all subcontracts for any work covered by this Agreement, provided that the foregoing provisions shall not apply to subcontracts for standard commercial supplies or raw materials.

16. Conflicts of Interest. Contractor agrees that it shall not make, participate in the making, or in any way attempt to use its position as a consultant to influence any decision of City in which Contractor knows or has reason to know that Contractor, its officers, partners, or employees have a financial interest as defined in Section 87103 of the Government Code.

17. Indemnity.

a. To the fullest extent permitted by law, Contractor agrees to indemnify, defend and hold City, its City Council and each member thereof, and the officers, officials, agents and employees of City (collectively the "Indemnitees") entirely harmless from all liability arising out of:

(1) Any and all claims under workers' compensation acts and other employee benefit acts with respect to Contractor's employees or Contractor's subcontractor's employees arising out of Contractor's work under this Agreement, including any and all claims under any law pertaining to Contractor or its employees' status as an independent contractor and any and all claims under Labor Code section 1720 related to the payment of prevailing wages for public works projects; and

(2) Any claim, loss, injury to or death of persons or damage to property caused by any act, neglect, default, or omission of Contractor, or person, firm or corporation employed by Contractor, either directly or by independent contract, including all damages due to loss or theft sustained by any person, firm or corporation including the Indemnitees, or any of them, arising out of, or in any way connected with the work or services which are the subject of this Agreement, including injury or damage either on or off City's property; but not for any loss, injury, death or damage caused by the active negligence or willful misconduct of City. Contractor, at its own expense, cost and risk, shall indemnify any and all claims, actions, suits or other proceedings that may be brought or instituted against the Indemnitees on any such claim or liability covered by this subparagraph, and shall pay or satisfy any judgment that may be rendered against the Indemnitees, or any of them, in any action, suit or other proceedings as a result of coverage under this subparagraph.

b. To the fullest extent permitted by law, and as limited by California Civil Code 2782.8, Contractor agrees to indemnify and hold Indemnitees harmless from all liability arising out of any claim, loss, injury to or death of persons or damage to property to the extent caused by its negligent professional act or omission in the performance of professional services pursuant to this Agreement.

c. Except for the Indemnitees, the indemnifications provided in this Agreement shall not be construed to extend any third party indemnification rights of any kind to any person or entity which is not a signatory to this Agreement.

d. The indemnities set forth in this section shall survive any closing, rescission, or termination of this Agreement, and shall continue to be binding and in full force and effect in perpetuity with respect to Contractor and its successors.

18. Insurance.

a. Contractor shall carry workers' compensation insurance as required by law for the protection of its employees during the progress of the work. Contractor understands that it is an independent contractor and not entitled to any workers' compensation benefits under any City program.

b. Contractor shall maintain during the life of this Agreement the following minimum amount of comprehensive general liability insurance or commercial general liability insurance: the greater of (1) One Million Dollars (\$1,000,000) per occurrence; or (2) all the insurance coverage and/or limits carried by or available to Contractor. Said insurance shall cover bodily injury, death and property damage and be written on an occurrence basis.

c. Contractor shall maintain during the life of this Agreement, the following minimum amount of automotive liability insurance: the greater of (1) a combined single limit of One Million Dollars (\$1,000,000); or (2) all the insurance coverage and/or limits carried by or available to Contractor. Said insurance shall cover bodily injury, death and property damage for all owned, non-owned and hired vehicles and be written on an occurrence basis.

d. Any insurance proceeds in excess of or broader than the minimum required coverage and/or minimum required limits which are applicable to a given loss shall be available to City. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of Contractor under this Agreement.

e. Each policy of general liability and automotive liability shall provide that City, its officers, officials, agents, and employees are declared to be additional insureds under the terms of the policy, but only with respect to the work performed by Contractor under this Agreement. A policy endorsement to that effect shall be provided to City along with the certificate of insurance. In lieu of an endorsement, City will accept a copy of the policy(ies) which evidences that City is an additional insured as a contracting party. The minimum coverage required by Subsection 18.b and c, above, shall apply to City as an additional insured. Any umbrella liability

insurance that is provided as part of the general or automobile liability minimums set forth herein shall be maintained for the duration of the Agreement.

f. Reserved.

g. The insurance policies maintained by Contractor shall be primary insurance and no insurance held or owned by City shall be called upon to cover any loss under the policy. Contractor will determine its own needs in procurement of insurance to cover liabilities other than as stated above.

h. Before Contractor performs any work or prepares or delivers any materials, Contractor shall furnish certificates of insurance and endorsements, as required by City, evidencing the aforementioned minimum insurance coverages on forms acceptable to City, which shall provide that the insurance in force will not be canceled or allowed to lapse without at least ten (10) days' prior written notice to City.

i. Except for professional liability insurance coverage that may be required by this Agreement, all insurance maintained by Contractor shall be issued by companies admitted to conduct the pertinent line of insurance business in California and having a rating of Grade A or better and Class VII or better by the latest edition of Best Key Rating Guide. In the case of professional liability insurance coverage, such coverage shall be issued by companies either licensed or admitted to conduct business in California so long as such insurer possesses the aforementioned Best rating.

j. Contractor shall immediately notify City if any required insurance lapses or is otherwise modified and cease performance of this Agreement unless otherwise directed by City. In such a case, City may procure insurance or self-insure the risk and charge Contractor for such costs and any and all damages resulting therefrom, by way of set-off from any sums owed Contractor.

k. Contractor agrees that in the event of loss due to any of the perils for which it has agreed to provide insurance, Contractor shall look solely to its insurance for recovery. Contractor hereby grants to City, on behalf of any insurer providing insurance to either Contractor or City with respect to the services of Contractor herein, a waiver of any right to subrogation which any such insurer may acquire against City by virtue of the payment of any loss under such insurance.

l. Contractor shall include all subcontractors, if any, as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor to City for review and approval. All coverages for subcontractors shall be subject to all of the requirements stated herein.

19. Termination. City may for any reason terminate this Agreement by giving Contractor not less than five (5) days' written notice of intent to terminate. Upon receipt of such notice, Contractor shall immediately cease work, unless the notice from City provides otherwise. Upon the termination of this Agreement, City shall pay Contractor for services satisfactorily

provided and all allowable reimbursements incurred to the date of termination in compliance with this Agreement, unless termination by City shall be for cause, in which event City may withhold any disputed compensation. City shall not be liable for any claim of lost profits.

20. Maintenance and Inspection of Records. In accordance with generally accepted accounting principles, Contractor and its subcontractors shall maintain reasonably full and complete books, documents, papers, accounting records, and other information (collectively, the “records”) pertaining to the costs of and completion of services performed under this Agreement. City and its authorized representatives shall have access to and the right to audit and reproduce any of Contractor’s records regarding the services provided under this Agreement. Contractor shall maintain all such records for a period of at least three (3) years after termination or completion of this Agreement. Contractor agrees to make available all such records for inspection or audit at its offices during normal business hours and upon three (3) days’ notice from City, and copies thereof shall be furnished if requested.

21. Compliance with all Laws/Immigration Laws.

a. Contractor shall be knowledgeable of and comply with all local, state and federal laws which may apply to the performance of this Agreement.

b. If the work provided for in this Agreement constitutes a “public works,” as that term is defined in Section 1720 of the California Labor Code, for which prevailing wages must be paid, to the extent Contractor’s employees will perform any work that falls within any of the classifications for which the Department of Labor Relations of the State of California promulgates prevailing wage determinations, Contractor hereby agrees that it, and any subcontractor under it, shall pay not less than the specified prevailing rates of wages to all such workers. The general prevailing wage determinations for crafts can be located on the website of the Department of Industrial Relations (www.dir.ca.gov/DLSR). Additionally, to perform work under this Contract, Contractor must meet all State registration requirements and criteria, including project compliance monitoring.

c. Contractor represents and warrants that it:

(1) Has complied and shall at all times during the term of this Agreement comply, in all respects, with all immigration laws, regulations, statutes, rules, codes, and orders, including, without limitation, the Immigration Reform and Control Act of 1986 (IRCA); and

(2) Has not and will not knowingly employ any individual to perform services under this Agreement who is ineligible to work in the United States or under the terms of this Agreement; and

(3) Has properly maintained, and shall at all times during the term of this Agreement properly maintain, all related employment documentation records including, without limitation, the completion and maintenance of the Form I-9 for each of Contractor’s employees; and

(4) Has responded, and shall at all times during the term of this Agreement respond, in a timely fashion to any government inspection requests relating to immigration law compliance and/or Form I-9 compliance and/or worksite enforcement by the Department of Homeland Security, the Department of Labor, or the Social Security Administration.

d. Contractor shall require all subcontractors or subconsultants to make the same representations and warranties as set forth in Subsection 21.c.

e. Contractor shall, upon request of City, provide a list of all employees working under this Agreement and shall provide, to the reasonable satisfaction of City, verification that all such employees are eligible to work in the United States. All costs associated with such verification shall be borne by Contractor. Once such request has been made, Contractor may not change employees working under this Agreement without written notice to City, accompanied by the verification required herein for such employees.

f. Contractor shall require all subcontractors or sub-consultants to make the same verification as set forth in Subsection 21.e.

g. If Contractor or subcontractor knowingly employs an employee providing work under this Agreement who is not authorized to work in the United States, and/or fails to follow federal laws to determine the status of such employee, that shall constitute a material breach of this Agreement and may be cause for immediate termination of this Agreement by City.

h. Contractor agrees to indemnify and hold City, its officers, officials, agents and employees harmless for, of and from any loss, including but not limited to fines, penalties and corrective measures City may sustain by reason of Contractor's failure to comply with said laws, rules and regulations in connection with the performance of this Agreement.

22. Governing Law and Venue. This Agreement shall be construed in accordance with and governed by the laws of the State of California and Contractor agrees to submit to the jurisdiction of California courts. Venue for any dispute arising under this Agreement shall be in Orange County, California.

23. Integration. This Agreement constitutes the entire agreement of the parties. No other agreement, oral or written, pertaining to the work to be performed under this Agreement shall be of any force or effect unless it is in writing and signed by both parties. Any work performed which is inconsistent with or in violation of the provisions of this Agreement shall not be compensated.

24. Notice. Except as otherwise provided herein, all notices required under this Agreement shall be in writing and delivered personally, by e-mail, or by first class U.S. mail, postage prepaid, to each party at the address listed below. Either party may change the notice address by notifying the other party in writing. Notices shall be deemed received upon receipt of

same or within three (3) days of deposit in the U.S. Mail, whichever is earlier. Notices sent by e-mail shall be deemed received on the date of the e-mail transmission.

“CONTRACTOR”

Joseph C. Truxaw and Associates, Inc.
1915 W. Orangewood Ave, Suite 101
Orange, CA 92868
Attn.: Craig Di Bias

Telephone: (714) 935-0265
E-Mail: craigdibias@truxaw.com

“CITY”

City of Orange
300 E. Chapman Avenue
Orange, CA 92866-1591
Attn.: Sonny Tran

Telephone: (714) 288-2475
E-Mail: stran@cityoforange.org

25. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Signatures transmitted electronically shall have the same effect as original signatures.

[Remainder of page intentionally left blank; signatures on next page]

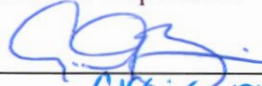
IN WITNESS of this Agreement, the parties have entered into this Agreement as of the year and day first above written.

“CONTRACTOR”


“CITY”

JOSEPH C. TRUXAW AND ASSOCIATES, INC., a California corporation

CITY OF ORANGE, a municipal corporation

*By: 
Printed Name: Craig Di Biss
Title: President

By: _____
Daniel R. Slater, Mayor

*By: 
Printed Name: Patricia Falke
Title: Vice President

ATTEST:

Pamela Coleman, City Clerk

APPROVED AS TO FORM:

Nathalie Adourian, City Attorney

***NOTE:**
-- City requires the following signature(s) on behalf of the Contractor:
-- (1) the Chairman of the Board, the President or a Vice-President, AND (2) the Secretary, the Chief Financial Officer, the Treasurer, an Assistant Secretary or an Assistant Treasurer. If only one corporate officer exists or one corporate officer holds more than one corporate office, please so indicate. OR
-- The corporate officer named in a corporate resolution as authorized to enter into this Agreement. A copy of the corporate resolution, certified by the Secretary close in time to the execution of the Agreement, must be provided to City.

√

IN WITNESS of this Agreement, the parties have entered into this Agreement as of the year and day first above written.

“CONTRACTOR”

“CITY”

JOSEPH C. TRUXAW AND ASSOCIATES, INC., a California corporation

CITY OF ORANGE, a municipal corporation

*By: _____
Printed Name: _____
Title: _____

By: _____
Daniel R. Slater, Mayor

*By: _____
Printed Name: _____
Title: _____

ATTEST:

Pamela Coleman, City Clerk

APPROVED AS TO FORM:

Nathalie Adourian, City Attorney

***NOTE:**
-- City requires the following signature(s) on behalf of the Contractor:
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-- The corporate officer named in a corporate resolution as authorized to enter into this Agreement. A copy of the corporate resolution, certified by the Secretary close in time to the execution of the Agreement, must be provided to City.

√X

EXHIBIT “A”

SCOPE OF SERVICES

[Beneath this sheet.]

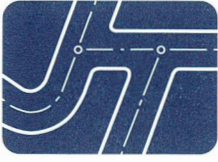


PROPOSAL FOR 2026 ANNUAL PIPELINE RENEWAL PROJECT

Submitted to: City of Orange, Water Division
Jonathan Smith, Assistant Engineer
189 S. Water Street
Orange CA, 92866
(714) 288-2486

Submitted by: Joseph C. Truxaw and Associates, Inc.
Craig Di Bias, PE, QSD/P, President
1915 W. Orangewood Avenue, Suite 101
Orange CA, 92868
(714) 935-0265

February 23, 2026



Joseph C. Truxaw and Associates, Inc.
Civil Engineers and Land Surveyors
1915 W. Orangewood Ave., Suite 101
Orange, CA 92868 (714) 935-0265
www.truxaw.com

February 23, 2026

Jonathan Smith, Assistant Engineer

City of Orange Public Works Department - Water Division
189 S. Water Street
Orange, CA 92866

RE: 2026 Annual Pipeline Renewal Project

Dear Jonathan,

Thank you for requesting this proposal for land surveying services. Joseph C. Truxaw and Associates, Inc. is uniquely qualified for this project because we have successfully provided land surveying services for the City of Orange and other local agencies for over 30 years.

Company Availability & Commitment to Schedule

Truxaw has reviewed the scope of services and assigned qualified field, office, and management staff with previous experience on this type of project. Our firm is available to begin work as soon as we are notified to proceed. Furthermore, we are committed to meeting the project schedule in this proposal.

All Services by Truxaw & Associates

All services will be performed by owners and employees of Truxaw experienced with the services requested in the RFP. Therefore, the use of sub-consultants will not be necessary.

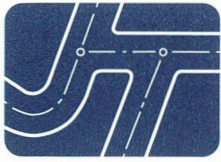
Compliance with City's Insurance Requirements

Copies of Truxaw's insurance certificates are on file at the City and they comply with the City's insurance requirements.

Truxaw and Associates are excited about this project, and we look forward to working with the City of Orange Water Division once again.

Sincerely,
JOSEPH C. TRUXAW AND ASSOCIATES, INC.

Craig Di Bias, P.E.
President



PROJECT OVERVIEW

The Water Division of Public Works plans to replace existing main water lines in the City's distribution system during the current fiscal year. Field surveys are needed for use by City staff to design the water improvements. The limits of the proposed survey, expanded from the original RFP by way of emailed information received from the City on February 3, 2026, include a total of approximately 18,000 linear feet of street at four (4) separate locations.

SCOPE OF SERVICES

Topographic Survey

Truxaw and Associates will perform research, topographic field surveys and prepare base plans with centerline profiles of the requested areas as shown on the attached survey limit exhibits. As stated in the Request for Proposal, the survey will be prepared as follows:

All surface topography within the project limits will be field surveyed and plotted in AutoCAD. The survey limits will generally extend from property line to property line with street segments generally beginning and ending at B.C.R.'s and typically will include the street intersections as shown on the attached survey limit exhibits.

Elevations will be obtained along all street centerlines, top of curb, B.C.R.'s, E.C.R.'s and any existing E.C.'s or B.C.'s. at 100-foot intervals. Elevations will be obtained at all sewer and storm drain manhole rims, water valve covers and catch basin inverts. Survey points will be separated by layer such that centerline, top of curb, utility and other features can be selectively turned off.

Survey horizontal control will be tied to California State Plane Coordinate System, Zone VI referenced to the North American Datum of 1983 (NAD 83), 2011 adjustment (FIPS: 0406; WKID: 6426). Vertical control to be based on Orange County benchmark datum (NAVD 88).

Base plans will be prepared in AutoCAD format in US Feet / English units compatible with City software requirements at 20-scale with a vertical scale of 1" = 2' for centerline profiles and using the City of Orange symbols library unless otherwise approved by the City's project manager. Each street plan will be a separate layout of the submitted AutoCAD base drawing file. All street right-of-way and intersecting parcel property lines will be plotted from record information derived from available Assessor's Parcel Maps and subdivision maps of record. Address or Lot numbers will be indicated at each parcel. Centerline stationing will start at 10+00 for each street segment. The base plans will also show all underground utilities: water, sewer, gas, telephone, cable TV, electric and storm drain. Proof of contact with all appropriate utility agencies as well as copies of all received inventory maps will be provided to the City. It is understood that Water Atlas Maps showing water main size, material, and approximate location shall be available to the consultant free of charge upon request to the City. *It is worth noting that in our experience, the contact for cable TV, Charter, has been unresponsive to utility requests for an extended period of time.*

The completed base maps will be submitted in pdf format. First plan check will also include copies of all utility and map reference data used to plot right-of-way lines, property lines, and utility locations. All field notes will be included in one (1) pdf document which will include a table of contents, and divider tabs for each street. A drawing file index will be included for each street. All horizontal control and benchmark information shall be included with notes. Final electronic data will be submitted on USB drive. A hardcopy index of all file names and a brief description of each street/area shall be included. Spatial data (spatial, tabular, or



graphical), if any, that has been used to create figures, tables and/or analytical results will be delivered in GIS format. This will include File Geodatabase, Shape file, APRX.

All data will be delivered in NAD 1983 State Plane California VI FIPS 0406 (US Feet) coordinate system and units. All ArcGIS data APRX Web maps and layers will be documented with metadata to match the dataset. Minimum requirements for metadata shall include source, date of creation, key words, and a detailed description of what the purpose of the data is, a summary of its use and any other information that will assist with the future use of the data. Data fields will be descriptive and easily identifiable.

PROJECT TEAM

Truxaw & Associates has assembled the best team for this project, assigning management and staff with expertise and experience on the tasks required. The following personnel will be dedicated to this project from beginning to end.

Craig Di Bias, P.E., will serve as Project Manager and Principal-in-Charge for the duration of the project. Craig's 30 years of project management, civil engineering, and land surveying expertise in Orange County includes experience on City of Orange projects involving both surveying and design, including past pipeline renewal projects.

On this specific project Craig Di Bias will:

- Serve as the primary contact with the City of Orange
- Manage Truxaw's field and office staff
- Participate in conferences and meetings with City
- Review all work product before it leaves the Truxaw office
- Be available on a regular basis to address questions or comments from the City's Project Manager

Jerry Allen, P.L.S. will serve as the Project Surveyor. Jerry has over 34 years of professional land surveying and right-of-way experience, including review of legal descriptions written on behalf of private developments and submitted to local agencies for plan check. Jerry will direct the field surveyors and office staff calculating the property right-of-ways and street centerlines.

Daniel Rodriguez will serve as the Survey Coordinator. He will direct Truxaw's survey staff which includes Chad Hunt, Daren Martinez, Andrew Ruiz, and Dylan Cuyler. Chad, Daren, Andrew, and Dylan all have recent and relevant field experience on City of Orange Public Works surveys.

Kyle Lee will serve as the lead CAD Engineer for the duration of the project. Since joining Truxaw & Associates 9 years ago Kyle has worked with other Truxaw staff members to successfully complete numerous projects in the City of Orange. Kyle will perform AutoCAD drafting, utility plotting and coordinate other staff members to assist with the preparation of the base plans.

Lauren Martin will be in charge of collecting all record maps, utility maps, and assessor's maps necessary to plot the utilities, right-of-way, and property lines. Lauren has successfully completed these tasks on several City of Orange projects and dozens of other projects in Orange County. She has experience working with City staff to research and obtain utility, street, and record maps.

Joseph C. Truxaw & Associates, Inc.

Craig Di Bias, PE
President

Patricia Felker
Vice President

Randy Decker, PE
Vice President

Administrative Support

Lauren Martin
*Project Coordinator/
Executive Administrator*

Shannon Essig
Accounting Specialist

Jocelyne Medina
Administrative Assistant

Debbie Elmer
*Marketing/
Human Resources*

Land Surveying

Jerry Allen, PLS
Land Surveyor

Daniel Rodriguez
Survey Coordinator

Daren Martinez
Crew Chief

Chad Hunt
Crew Chief

Dylan Cuyler
Chainman/CAD Technician

Andrew Ruiz
Chainman

Civil Engineering

Stuart Moore, PE
Project Manager

Matt Ersek, PE
Project Manager

Steven Cruz, PE
Project Engineer

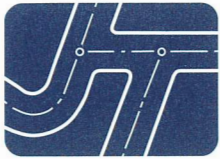
Karren Villafior, EIT
Designer

Paul Tremonti, EIT
Designer

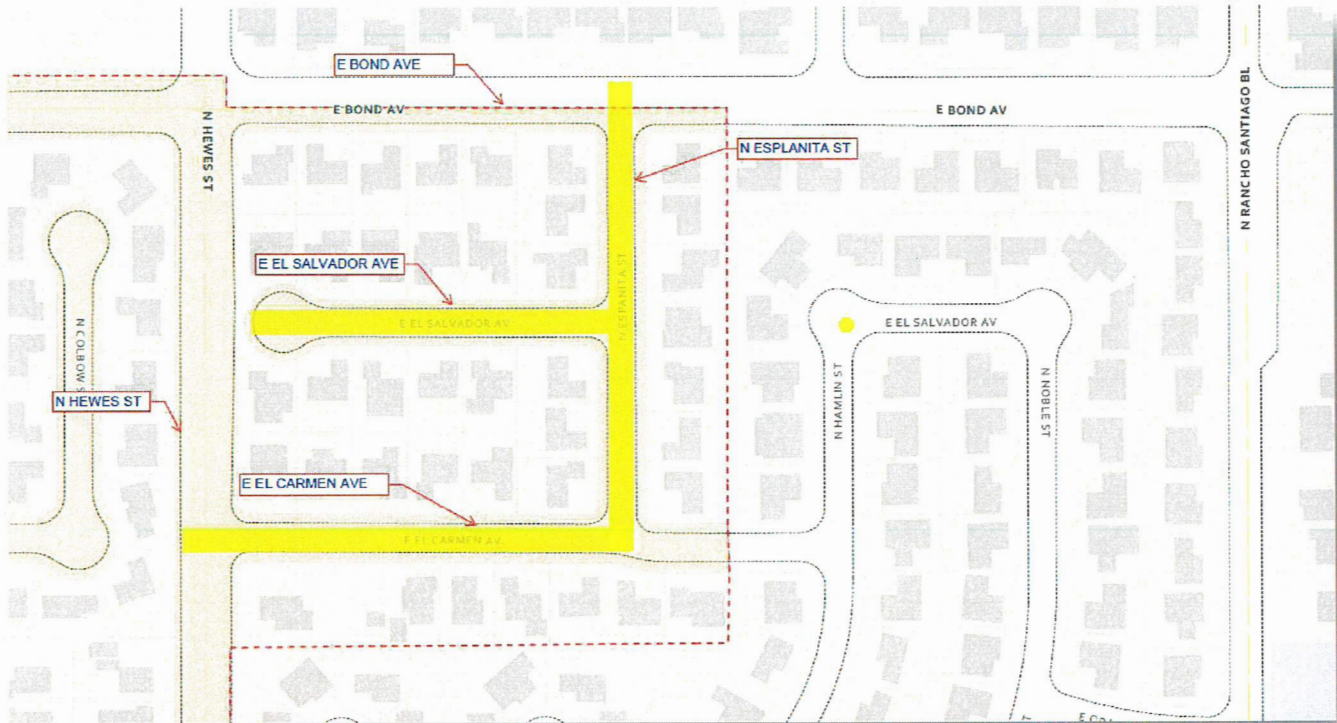
CADD

Steve Sianez
CADD Engineer

Kyle Lee
CADD Technician

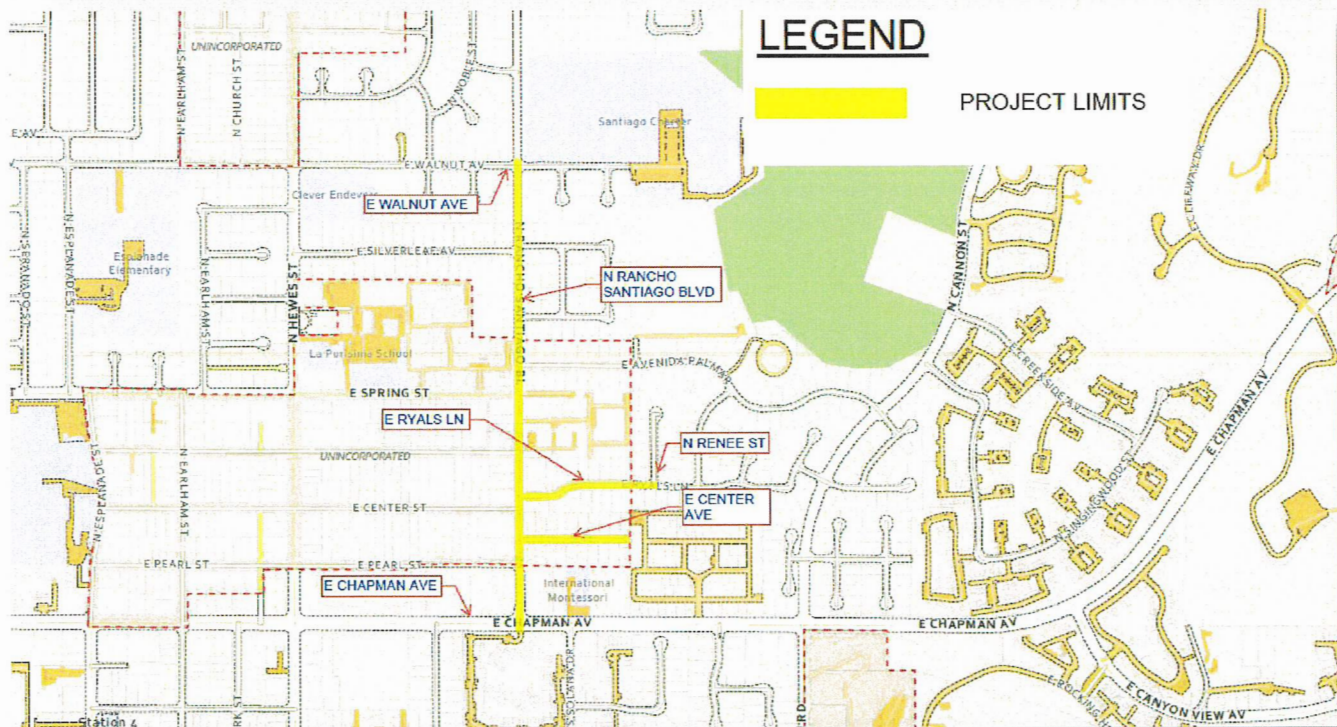


SURVEY LIMITS



LEGEND

 PROJECT LIMITS





Joseph C. Truxaw and Associates, Inc.
 Civil Engineers and Land Surveyors
 1915 W. Orangewood Ave., Suite 101
 Orange, CA 92868 (714) 935-0265
 www.truxaw.com

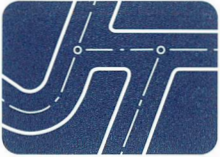
2026 Annual Pipeline Renewal Project

Joseph C. Truxaw and Associates, Inc.

Project Start Date: March 23, 2026

Project End Date: June 4, 2026

Task	Start	End	March 23, 2026	March 30, 2026	April 6, 2026	April 13, 2026	April 20, 2026	April 27, 2026	May 4, 2026	May 11, 2026	May 18, 2026	May 25, 2026	June 1, 2026
Project Kick-Off - Organize Files	03/23/26	03/23/26	M	T	T	F	F	M	T	T	F	F	M
Request & Obtain Record Mapping & Utility Information	03/24/26	05/05/26	T	W	T	F	F	M	T	T	F	F	M
Record Survey Calculations	03/25/26	03/27/26	W	T	F	F	M	T	T	F	F	M	T
Field Surveys	03/26/26	04/23/26	T	W	T	F	F	M	T	T	F	F	M
Preparation of Base Plans	04/01/26	05/20/26	W	T	F	F	M	T	T	F	F	M	T
City Submittal	05/21/26	05/21/26	T	W	T	F	F	M	T	T	F	F	M
City Review	05/22/26	05/29/26	W	T	F	F	M	T	T	F	F	M	T
Address Final City Comments & Submit Base Plans	06/01/26	06/04/26	T	W	T	F	F	M	T	T	F	F	M



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COST PROPOSAL

ESTIMATED PROFESSIONAL FEES

Item Name	Estimated Fee (\$)
Topographic Survey	116,995.00

MAPPING AND REPROGRAPHICS BUDGETS

County of Orange Survey Mapping.....	provided by County at no charge
Southern California Gas Company (4 areas).....	\$ 100.00
Southern California Electric (4 areas).....	\$ 400.00
AT&T – Telephone (4 areas).....	\$ 1,000.00
Spectrum Cable.....	provided by Spectrum at no charge
City Plans/Mapping.....	provided by City at no charge
In-House Reprographics (Plots, Copies, etc.).....	\$ 1,000.00
Total Mapping & Reprographics Budget.....	\$ 2,500.00

FEE SCHEDULE

Principal	\$190.00 per hour
Project Manager	\$175.00 per hour
Engineer	\$160.00 per hour
Surveyor	\$160.00 per hour
Design Engineer	\$145.00 per hour
CADD Specialist	\$120.00 per hour
Survey Crew	\$265.00 per hour
Survey Crew (Prevailing Wage)	\$350.00 per hour
Survey Technician	\$145.00 per hour
Project Coordinator	\$120.00 per hour
Technical Assistant	\$ 85.00 per hour