



CONTRACT DOCUMENTS

PEDESTRIAN FENCING GLENOAKS BOULEVARD BRIDGE PROJECT

PROJECT NO. 7618



Prepared by Willdan Engineering

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Prepared by: _____ Date: 8-1-2022
Tyrone Peter Deputy Director of Engineering at Willdan

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NOTICE INVITING BIDS

SEALED PROPOSALS will be received at the Office of the City Clerk, City Hall, 117 Macneil Street, San Fernando, California until **10:00 A.M. on Wednesday, August 31, 2022**, and said bids will be publicly opened and declared for performing work on the following project:

PEDESTRIAN FENCING GLENOAKS BOULEVARD BRIDGE PROJECT NO. 7618, PLAN NO. P-740

The project consists of the installation of pedestrian fencing at Glenoaks Boulevard Bridge over Pacoima Wash. The work includes construction of chainlink fence type 7 (modified) on both North and south side of the bridge. The bid items, corresponding estimated quantities, and time allowed to complete the work are listed in the Contractor's Proposal. The definitions of bid items are described in the Special Provisions and Technical Specifications. Based on the quantities listed in the Proposal, the construction cost is estimated to be in the range of \$96,020.

The contract time for the project is twenty (20) working days starting at the Part 2 Notice to Proceed (NTP), as indicated in the Special Provisions (Section 6-1.2).

It is the policy of the City, as directed by City Council, to encourage the use of local area businesses in construction contracts including vendors, suppliers, labor, etc.

The City reserves the right to reject any and all bids and to waive any minor irregularities in the bid documents. Bidders may not withdraw their bid for a period of ninety (90) days after date set for opening thereof.

The Contractor must follow the procedures as set forth in the Instructions to Bidders for acceptance of bids. Bids will be accepted only if submitted on a proposal form furnished by the City. Each bid must be accompanied by cash, certified check, cashier's check, or bidder's bond made payable to the City of San Fernando or issued by a surety admitted to do business in California, for an amount equal to at least ten percent (10%) of the amount bid. Such guaranty to be forfeited to the City should the bidder to whom the contract is awarded fail to enter into the contract.

Bids will be accepted only from contractors licensed in accordance with the provisions of the Business and Professional Code of the State of California. Prior to contract execution, the Contractor and his/her subcontractors shall obtain a City business license. At the time of bidding, the Contractor must possess a valid California **Class A** Contractor's License.

AB44 EFFECTIVE JULY 1, 2014. If a bidder submits a bid that includes a subcontractor who would be performing work in amount in excess of 1/2 of 1% of the bidder's total bid or in the case of bids for the construction of streets or highways, including bridges, in excess of 1/2 of 1% of the bidder's total bid or \$10,000, whichever is greater, then in addition to the subcontractor's name and business address, the subcontractor's State contractor's license number must be included as part of the information submitted for that proposed subcontractor. Failure to provide the subcontractor's license number shall render the bid non-responsive.

SB854 EFFECTIVE MARCH 1, 2015. Contractors and Subcontractors wishing to work on a public works project must be registered with the State of California, Department of Industrial Relations. All public works projects with bids submitted after March 1, 2015, or awarded on or after April 1, 2015, shall use only registered contractors and subcontractors. No bid will be accepted nor any contract entered into without proof of the Bidder's and its subcontractors' current registration with the Department of Industrial Relations. If awarded a contract, the Bidder and its subcontractors of every tier shall maintain active registration with the Department of Industrial Relations for the duration of the Project.

The Contractor's duty to pay State prevailing wages can be found under Labor Code Section 1770. et. seq. and Labor Code Sections 1775 and 1777.7 outline the penalties for failure to pay prevailing wages and employee apprentices including forfeitures and debarment.

At the request and expense of the Contractor, securities equivalent to the five percent (5%) to be withheld from progress payments pursuant to the City's Standard General Conditions shall be deposited with the City Clerk or a state or federally chartered bank as the escrow agent, who shall pay such monies to the contractor upon satisfactory completion of the contract. Securities eligible for investment shall include those listed in Section 16430 of the Government Code or bank or savings and loan certificates of deposit. The contractor shall be the beneficial owner of any securities substituted for monies withheld and shall receive any interest thereof.

Copies of the plans and specifications, including the approved proposal form, are available on the City website, www.sfcity.org, for downloading at no charge. **In order to be eligible to submit a bid for the project, you MUST contact Manuel Fabian, Civil Engineering Assistant II, via e-mail at mfabian@sfcity.org to be placed on the plan holders list.** Compact disk (CD) of the plans and specifications may be obtained for a non-refundable fee of **\$5.00** each at the Public Works Department, City Hall, 117 Macneil Street, San Fernando, California, 91340. If mailing is requested, an additional fee of **\$5.00** is required to cover postage and handling.

Any questions pertaining to the project shall be submitted by Friday, August 19, 2022 by 5:00 p.m. Addenda, if any, will NOT be distributed to the planholders directly, and will ONLY be posted on the City website. **It shall be the Bidder's responsibility to check the City website for any addenda.** Addenda is expected to be posted by Wednesday, August 24, 2022.

The anticipated timeline is as follows:

Element	Schedule
Post request for bid	Thursday, August 4, 2022
Questions due to City	Friday, August 19, 2022, by 5:00 p.m.
City issue response to questions (addenda)	Wednesday, August 24, 2022
Proposal due	Wednesday, August 31, 2022, by 10:00 a.m.
Anticipated council award	Monday, September 19, 2022

City of San Fernando

Date: _____

By: _____
Matthew Baumgardner
Director of Public Works

INSTRUCTIONS TO BIDDERS

1. GENERAL Proposals under these Contract Documents shall be submitted on the blank forms furnished herewith. When presented, the proposal forms must be completely made out in the manner and form indicated therein, and must be properly signed by the bidder. The bidder's address, telephone number, and California State Contractor's License number must be included. To be eligible to perform work, the bidder must be a state licensed contractor in good standing prior to beginning work. The City Council reserves the right to reject any bid if all the above information is not furnished.

The contractor shall adopt the current state general prevailing rates of wages applicable to the work to be done.

Each proposal submitted must be presented in a sealed cover, and must be filed prior to the time and at the place designated in the Notice Inviting Bids. All proposals submitted as prescribed will be publicly opened and read at the time and place designated in the Notice Inviting Bids.

Bid Quotes and Unit Price Extensions – The unit prices and the lump sum prices quoted by the bidder must be entered in the spaces provided on the Contractor's Proposal form. In case there is a discrepancy between the unit price and the item total, the unit price shall govern and will be considered as representing the Bidder's intention. The bid total will be corrected to conform to the specified unit price.

Bid Retention and Award – The City reserves the right to retain all bids for a period of ninety (90) days for examination and comparison. The City also reserves the right to waive non-substantial irregularities in any bid, to reject any and all proposals, to reject or delete one part of a proposal and accept the other, except to the extent that the bids are qualified by specific limitations, and to make award to the lowest responsible bidder as the interest of the City may require.

Communications Regarding Bid – All timely requests for information submitted in writing will receive a written response from the City. Telephone communications with City staff are not encouraged, but will be permitted. However, any such oral communication shall not be binding on the City.

2. EXAMINATION OF PLANS, CONTRACT DOCUMENTS, AND WORK SITE The Contract Documents and plans, if any, are on file and available for inspection in City Hall.

The Bidders are required to carefully examine the site and the proposal, plans, Contract Documents, and contract forms. The Bidders must satisfy themselves as to the requirements of the Contract Documents and the contract; as to the location of the proposed work and by such other means as they may prefer; and as to the actual conditions and requirements of the work, and shall not, at any time after submission of the bid, dispute, complain, or assert that there was any misunderstanding in regard to the nature or amount of work to be done. It is mutually agreed that submission of a proposal shall be considered prima facie evidence that the bidder has made such examinations.

3. DISQUALIFICATION OF BIDDERS AND PROPOSALS More than one proposal for the same work from any individual, firm, partnership, corporation or association under the same or different names will not be accepted and reasonable grounds for believing that any bidder is interested in more than one proposal for the work will be cause for rejecting all proposals in which such bidders are interested.

Proposals which show obviously unbalanced prices, and those which are incomplete or show any alteration of form, or contain any additions or conditional or alternate bids that are not called for or otherwise permitted, may be rejected. Proposals that do not bear the Bidder's signature will be rejected.

4. AWARD AND EXECUTION OF CONTRACT The award of the contract, if awarded, will be made to the lowest responsive bidder whose proposal complies with all the prescribed requirements. The right is reserved, however, to reject any or all bids and to waive technical errors or discrepancies if it is deemed to best serve the interests of the City. An award will be made only until all necessary investigations are made as to the responsiveness of the low bidder.

Failure to execute a contract and file acceptable bonds as provided herein within the above timeline, not including Sundays, shall be just cause for the annulment of the award and the forfeiture of the proposal guaranty.

The Contractor will be required to obtain a City Business License prior to award of the contract.

5. SIGNATURE OF CONTRACTOR

- a. Corporation Any bids submitted by a corporation must include the name of the corporation, and must be signed by the President and Secretary or Assistant Secretary, and the corporate seal must be affixed. Other persons may sign for the corporation in lieu of the above if a certified copy of a resolution of the corporate board of directors so authorizing them to do so is on file in the City Clerk's Office.
- b. Partnerships Any bids submitted by a partnership must contain the names of all persons comprising the partnership or co-partnership. The bid must be signed by all partners comprising the partnership unless proof in the form of a certified copy of a certificate of partnership acknowledging the signer to be a general partner is presented to the City Clerk.
- c. Joint Ventures Any bids submitted by a joint venture must so state that and must be signed by each joint venturer.
- d. Individuals Any bids submitted by an individual must be signed by that individual unless an up-to-date power of attorney is on file in the City Clerk's Office, in which case the person indicated in the power of attorney may sign for the individual.

The above rules also apply in the case of a fictitious firm name. In addition, however, where the fictitious name is used, it must be so indicated where the signature appears.

6. BONDS

- a. Bid Bonds Bid must be accompanied by cash, cashier's check, certified check, or

surety bond in an amount equal to ten percent (10%) of the total amount in the Contractor's Proposal. Checks and bonds shall be made payable to the City of San Fernando.

- b. Contract Bonds The Contractor simultaneously with execution of the Agreement shall furnish a surety bond in an amount equal to one hundred percent (100%) of the contract price as security for the faithful performance of this contract and a separate surety bond in an equal to one hundred percent (100%) of the contract price as security for the payment of all persons performing labor and furnishing materials in connection with this contract, as required by the terms of an Act entitled:

"An Act to secure the payment of the claim of persons employed by Contractors upon Public Works, and the claims of persons who furnish materials, supplies, teams, implements; or machinery used or consumed by such Contractors in the performance of such works, and prescribing the duties of certain public officers with respect thereto," approved May 10, 1919, as amended.

Bond Forms required are included in these specifications. Copies will be furnished to prospective bidders upon request.

Whenever any Surety or Sureties on any such bonds, or any bonds required by Law for the protection of the claims of laborers and material men become insufficient or the City Engineer has cause to believe that such Surety or Sureties have become insufficient, a demand in writing may be made of the Contractor for each further bond or bonds or additional surety, not exceeding that originally required, as is considered necessary, considering the extent of the work remaining to be done. Thereafter, no payment shall be made upon such contract to the Contractor or any assignee of the Contractor until such further bond or bonds or additional surety has been furnished.

7. RETURN OF BIDDER'S GUARANTIES Within ten (10) days after the award of the contract, the City will return the proposal guaranties accompanying those proposals which are not to be considered in making award. All other proposals which are to be held until the contract has been finally executed, will be returned to the respective bidders after award of contract.
8. CONFLICT OF INTEREST In the procurement of supplies, equipment, construction, and services by sub-recipients, the conflict of interest provisions in 24 CFR 85.36, OMB Circular A-110, and 24 CFR 570.611, respectively, shall apply. No employee, officer or agent of the sub-recipient shall participate in selection, award, or administration of a contract supported by Federal funds if a conflict of interest, real or apparent, would be involved.

The following documents in the **PROPOSAL** section of these Contract Documents must be completed and submitted with the bid package:

- P-1-3 Contractor's Proposal
 - P-4 Bidder's Bond
 - P-5 Contractor Information
 - P-6 List of References
 - P-7 List of Subcontractors
 - P-8 List of Subcontractors, Suppliers, & Vendors Contacted to Receive Prices in
Preparation of Bid Proposal
 - P-9 Non-Collusion Affidavit
-

CONTRACTOR'S PROPOSAL

CITY OF SAN FERNANDO
117 MACNEIL STREET
SAN FERNANDO, CALIFORNIA 91340

HONORABLE MAYOR AND
MEMBERS OF THE CITY COUNCIL:

The undersigned declares that this proposal was prepared by carefully examining the location of the proposed work, the Plans, the Specifications, and the Contract Documents entitled:

PEDESTRIAN FENCING GLENOAKS BOULEVARD BRIDGE PROJECT

The undersigned hereby proposes to furnish all labor, materials, equipment, tools, transportation, and services to perform all work required and to complete said work within **Twenty (20)** working days after the commencement date stated in the Notice to Proceed. All work shall be performed in accordance with the Plans, Specifications, and Contract Documents, including the Special Provisions and Technical Specifications, for the prices set forth in the bid schedule.

Dated

Bidder

Signature

Name (Print/Type)

Title

BID SCHEDULE

PEDESTRIAN FENCING GLENOAKS BOULEVARD BRIDGE PROJECT

In case of discrepancy between unit prices and item totals, the unit prices shall prevail. In case of a discrepancy between item totals and grand total, the item totals shall prevail. The grand total will be subject to adjustment by the City in the event of a discrepancy. The contract award shall be made on the basis of the grand total as described above from among the responsive and responsible bidders

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	ITEM TOTAL
1	CLEARING AND GRUBBING	LS	1	\$	\$
2	CHAIN LINK RAILING TYPE 7 (MODIFIED)	LF	144	\$	\$
3	5/8" HILTI HIT-ICE ADHESIVE WITH STAINLESS STEEL HAS-R304 THREADED ROD	EA	128	\$	\$
4	DRILL & BOND	LF	64	\$	\$
5	METAL PLATE (9"x9"x3/4")	LB	520	\$	\$
6	6' WROUGHT IRON FENCE	LF	24	\$	\$
7	REMOVAL OF PALMS, DIAMETER = 24", INCLUDING ROOT GRINDING	EA	2	\$	\$
8	TRAFFIC CONTROL PER CALIFORNIA MUTCD W/ LANE CLOSURE	LS	1	\$	\$
BID TOTAL IN FIGURES					\$
BID TOTAL IN WORDS					
<hr/> <hr/>					

The City does not expressly or by implication agree that the actual amount of work will correspond with the foregoing quantities, but reserves the right to increase or decrease the amount of any class or portion of the work or to omit portions of the work as may be deemed necessary or advisable by the Engineer.

The bidder further agrees that in case of not executing the required contract with necessary bonds within ten (10) days, not including Sundays, after having received notice that the contract is ready for signature, the proceeds of the check or bond accompanying his bid shall become the property of the City of San Fernando.

By submission of the Contractor's Proposal, the bidder also certifies that the bid is a balanced bid.

The bidder acknowledges receipt of the following addendum issued for the above project. If no addendum has been received, write "None". FAILURE TO ACKNOWLEDGE RECEIPT OF ANY ADDENDA ISSUED WILL RENDER THE CONTRACTOR'S BID NON-RESPONSIVE.

List of Addendum Received: _____

BIDDER'S BOND

KNOW ALL MEN BY THESE PRESENTS:

that we, _____ as Principal,
and _____ as Surety,
are held and firmly bound unto the City of San Fernando in the sum of _____
_____ (\$

_____) to be paid to the said
City of its certain Attorney, its successors and assigns; for the payment of which sum well and truly
made, we bind ourselves, our heirs, executors and administrators, successors or assigns, jointly
and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that if the certain proposal of the above
bounden _____
to construct _____
(insert names of streets and limits to be improved) dated _____ is accepted
by the City of San Fernando, and if the above bounden his heirs, executors, administrators,
successors and assigns, shall duly enter into and execute a contract for such construction, and shall
execute and deliver the two bonds described within ten (10) days (not including Sunday) from the
date of the mailing of a notice to the above bounden _____
by and from the said City of San Fernando that said contract is ready for execution, then this
obligation shall become null and void; otherwise it shall be and remain in full force and virtue.

IN WITNESS WHEREOF, we hereunto set our hands and seals this _____ day of
_____, 2022.

Principal

Surety

By _____

By _____

Its _____

Its _____

By _____

By _____

Its _____

Its _____

Surety signatures on this bond must be acknowledged before Notary Publics, and a sufficiently
power of attorney must be attached to the bond to verify the authority of any party signing on
behalf of a surety.

All notices and demands to the surety shall be delivered via first class mail to the following:

CONTRACTOR INFORMATION

Company Name _____

Address _____

Telephone _____ Fax _____ E-mail _____

Type of Firm: Individual () Partnership () Corporation ()

Corporation organized under the laws of the State of _____

Contractor's License Number _____ State _____ Classification _____ Expiration Date _____

DIR Registration Number _____ Expiration Date _____

Names and titles of all officers of the firm

LIST OF REFERENCES

(To be submitted by contractors who have not worked with the City of San Fernando.)

1. NAME OF CITY OR BUSINESS _____
CONTACT PERSON AND PHONE NO. _____
TYPE/DATE OF WORK PERFORMED _____
TOTAL CONTRACT AMOUNT \$ _____
2. NAME OF CITY OR BUSINESS _____
CONTACT PERSON AND PHONE NO. _____
TYPE/DATE OF WORK PERFORMED _____
TOTAL CONTRACT AMOUNT \$ _____
3. NAME OF CITY OR BUSINESS _____
CONTACT PERSON AND PHONE NO. _____
TYPE/DATE OF WORK PERFORMED _____
TOTAL CONTRACT AMOUNT \$ _____
4. NAME OF CITY OR BUSINESS _____
CONTACT PERSON AND PHONE NO. _____
TYPE/DATE OF WORK PERFORMED _____
TOTAL CONTRACT AMOUNT \$ _____
5. NAME OF CITY OR BUSINESS _____
CONTACT PERSON AND PHONE NO. _____
TYPE/DATE OF WORK PERFORMED _____
TOTAL CONTRACT AMOUNT \$ _____
6. NAME OF CITY OR BUSINESS _____
CONTACT PERSON AND PHONE NO. _____
TYPE/DATE OF WORK PERFORMED _____
TOTAL CONTRACT AMOUNT \$ _____

LIST OF SUBCONTRACTORS

The bidder is required to fill in the following blanks in accordance with the provisions of Section 4100 to 4108, inclusive, of the Government Code of the State of California.

Name under which subcontractor is licensed: _____

Address of office, mill or shop: _____

Specific description of subcontract: _____

License No.: _____ Amount of Subcontract: _____

DIR Registration Number: _____ Expiration Date: _____

Name under which subcontractor is licensed: _____

Address of office, mill or shop: _____

Specific description of subcontract: _____

License No.: _____ Amount of Subcontract: _____

DIR Registration Number: _____ Expiration Date: _____

Name under which subcontractor is licensed: _____

Address of office, mill or shop: _____

Specific description of subcontract: _____

License No.: _____ Amount of Subcontract: _____

DIR Registration Number: _____ Expiration Date: _____

Name under which subcontractor is licensed: _____

Address of office, mill or shop: _____

Specific description of subcontract: _____

License No.: _____ Amount of Subcontract: _____

DIR Registration Number: _____ Expiration Date: _____

**LIST OF SUBCONTRACTORS, SUPPLIERS, & VENDORS CONTACTED TO
RECEIVE PRICES IN PREPARATION OF BID PROPOSAL**

1. NAME & LOCATION OF BUSINESS _____

CONTACT PERSON AND PHONE NO. _____
ITEM OR TYPE OF WORK PROPOSED _____
PRICE OR AMOUNT \$ _____
2. NAME & LOCATION OF BUSINESS _____

CONTACT PERSON AND PHONE NO. _____
ITEM OR TYPE OF WORK PROPOSED _____
PRICE OR AMOUNT \$ _____
3. NAME & LOCATION OF BUSINESS _____

CONTACT PERSON AND PHONE NO. _____
ITEM OR TYPE OF WORK PROPOSED _____
PRICE OR AMOUNT \$ _____
4. NAME & LOCATION OF BUSINESS _____

CONTACT PERSON AND PHONE NO. _____
ITEM OR TYPE OF WORK PROPOSED _____
PRICE OR AMOUNT \$ _____
5. NAME & LOCATION OF BUSINESS _____

CONTACT PERSON AND PHONE NO. _____
ITEM OR TYPE OF WORK PROPOSED _____
PRICE OR AMOUNT \$ _____
6. NAME & LOCATION OF BUSINESS _____

CONTACT PERSON AND PHONE NO. _____
ITEM OR TYPE OF WORK PROPOSED _____
PRICE OR AMOUNT \$ _____

NON-COLLUSION AFFIDAVIT

PEDESTRIAN FENCING GLENOAKS BOULEVARD BRIDGE PROJECT

STATE OF CALIFORNIA)
) SS
COUNTY OF _____)

_____, being first duly sworn, deposes and

says that he is _____
(Sole owner, partner, president, secretary, etc.)

of the party making the foregoing bid; that such bid is not made in the interest of or on behalf of any undisclosed person, partnership, company, association, organization or corporation; that such bid is genuine and not collusive or sham; that such bidder has not directly or indirectly colluded, conspired, connived or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that said bidder has not in any manner, directly or indirectly, sought by agreement, communication or conference with anyone to fix the bid price of said bidder or of any other bidder, or to fix any overhead, profit or cost element of such bid price, or of that of any other bidder, or to secure an advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in such bid price or of that of any other bidder, or to secure an advantage against the public body awarding the contract or anyone interested in the proposed contract; that all statements contained in such bid are true; and, further, that said bidder has not, directly or indirectly, submitted his 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 in connection therewith to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, or to any other individual except to such person or persons as have a partnership or other financial interest with said bidder in his general business.

Bidder

Authorized Signature _____

STATE OF CALIFORNIA)
) SS
COUNTY OF _____)

Name (Print/Type)

Title

On _____, 2021 before me, _____

personally appeared _____ 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 acknowledge 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.

(Notary Seal)

Signature of Notary Public

CONSTRUCTION CONTRACT/AGREEMENT
Pedestrian Fencing Glenoaks Boulevard Bridge Project



CONTRACT/AGREEMENT
SAMPLE CONSTRUCTION CONTRACT/AGREEMENT

[CONTRACTOR'S NAME]
PEDESTRIAN FENCING GLENOAKS BOULEVARD BRIDGE PROJECT
PROJECT NO. 7618, PLAN NO. P-740

THIS AGREEMENT, made and entered into this _____ day of _____, 2022, by and between CITY OF SAN FERNANDO, a municipal corporation of the State of California, hereinafter referred to as "CITY" and _____ "CONTRACTOR."

WITNESSETH:

That the CITY and the CONTRACTOR, for the consideration hereinafter named, mutually agree as follows:

1. The complete contract consists of the Contract Documents which includes all of the following documents incorporated herein by this reference: Approved **Pedestrian Fencing Glenoaks Boulevard Bridge Project. Plans (Plan No. P-740) and Specifications (Project No. 7618)**, Notice Inviting Bids, Instructions to Bidders, Contractor's Proposal, Contract/Agreement, Special Provisions, Technical Provisions, and all modifications and amendments thereto.

2. CONTRACTOR shall perform everything required to be performed, shall provide and furnish all the labor, materials, necessary tools, expendable equipment, and all utility and transportation services required for the following work of improvement: **Pedestrian Fencing Glenoaks Boulevard Bridge Project. Plans (Plan No. P-740) and Specifications (Project No. 7618)** (the "Work of Improvement") all in accordance with the Contract Documents and Contractor's Proposal dated _____.

CONTRACTOR agrees to perform all the work and furnish all the materials at his own cost and expense necessary to construct and complete in a good and workman-like manner and to the satisfaction of the City Engineer of the CITY, the Work of Improvement in accordance with the plans, specifications, and Contract Documents (the "Specifications") therefore prepared by City's Engineering Department and adopted by the City Council.

3. CITY agrees to pay and CONTRACTOR agrees to accept in full payment for this Work of Improvement the stipulated sum of _____ (\$_____).

CONSTRUCTION CONTRACT/AGREEMENT
Pedestrian Fencing Glenoaks Boulevard Bridge Project

CITY agrees to make monthly payments and final payment in accordance with the method set forth in the Specifications.

4. CONTRACTOR agrees to commence construction within fifteen (15) days after issuance of a Notice To Proceed, and to continue in a diligent and workman-like manner without interruption, and to complete the construction thereof within **Twenty (20)** working days from the date the Notice to Proceed is issued.

5. Time is of essence of this Contract, and it is agreed that it would be impracticable or extremely difficult to ascertain the extent of actual loss or damage which the CITY will sustain by reason of any delay in the performance of this Agreement. It is, therefore, agreed that CONTRACTOR will pay as liquidated damages to the CITY the following sum: Five Hundred Dollars (\$500.00) for each day's delay beyond the time herein prescribed for finishing work. If liquidated damages are not paid, as designated by the CITY, the CITY may deduct the amount thereof from any money due or that may become due the CONTRACTOR under this Agreement in addition to any other remedy available to CITY. The CONTRACTOR shall not be assessed liquidated damages for any delay caused by the failure of a public utility to relocate or remove an existing utility required for the performance of this Contract.

6. The CONTRACTOR will pay, and will require all subcontractors to pay, all employees on the work of improvement a salary or wage at least equal to the prevailing salary or wage established for such work as set forth in the wage determinations for this work. Travel and subsistence pay shall be paid in accordance with Labor Code Section 1773.8. The CONTRACTOR shall forfeit to the CITY, as penalty, Fifty Dollars (\$50.00) for each calendar day or portion thereof for each worker paid (either by him or any subcontractors under him) less than the prevailing rate described above on the work provided for in this Agreement, all in accordance with Section 1775 of the Labor Code of the State of California. CONTRACTOR, by executing this Agreement, hereby certifies that it shall adopt the current general prevailing Federal and/or State rates of wages applicable to the Work of Improvement.

7. The CONTRACTOR or SUBCONTRACTOR shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract, or such other remedy as City deems appropriate.

8. Attention is directed to Section 7108.5 of the California Business and Professions Code, which requires a prime CONTRACTOR or SUBCONTRACTOR to pay any SUBCONTRACTOR not later than 10 days of receipt of each progress payment, unless otherwise agreed to in writing. Section 7108.5 of the California Business and Professions Code also contains enforcement actions and penalties. These requirements apply to both DBE and non-DBE subcontractors.

9. In the performance of this Contract, not more than eight (8) hours shall constitute a day's work, and the CONTRACTOR shall not require more than eight (8) hours in a day from any person employed by him hereunder, except as provided in the Labor Code of the State of California. The CONTRACTOR shall adhere to Article 3, Chapter 1, Part 7 (Sections 1810, et seq.) of the Labor Code of the State of California, and it is agreed that the CONTRACTOR shall forfeit to the CITY as a penalty the sum of Fifty Dollars (\$50.00) for each worker employed in the execution of this Contract by the CONTRACTOR or any subcontractor for each calendar day

CONSTRUCTION CONTRACT/AGREEMENT
San Fernando Pedestrian Fencing Glenoaks Boulevard Bridge Project

during which any worker is required or permitted to labor more than eight (8) hours in violation of that article.

10. CONTRACTOR, by executing this Agreement hereby certifies:

"I am aware of the provisions of Section 3700 of the Labor Code which requires 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 I will comply with such provisions before commencing the performance of the work of this Contract."

11. CONTRACTOR shall, prior to the execution of this Contract, furnish two bonds approved by the CITY, one in the amount of One Hundred Percent (100%) of the Contract price, to guarantee the faithful performance of the work, and one in the amount of One Hundred Percent (100%) of the Contract price to guarantee payment of all claims for labor and materials furnished. This Contract shall not become effective until such bonds are supplied to and approved by the CITY. CONTRACTOR shall, prior to the release of the performance and payment bonds or the retention payment, furnish a warranty performance and payment bond equal to at least ten percent of the final contract price or \$1,000, whichever is greater.

IN WITNESS WHEREOF, the said CONTRACTOR and the CITY ADMINISTRATOR and CITY CLERK of the CITY have caused the names of said parties to be affixed hereto, each in triplicate, the day and year first above written.

CONTRACTOR

BY _____

Title

BY _____

Title

CITY OF SAN FERNANDO
A Municipal Corporation

NICK KIMBALL
CITY MANAGER

ATTEST:

JULIA FRITZ
CITY CLERK

APPROVED AS TO FORM:

RICK R. OLIVAREZ
CITY ATTORNEY
OLIVAREZ MADRUGA, P.C.

PERFORMANCE BOND FORM

KNOW ALL MEN BY THESE PRESENTS: that we, _____
as Principal, and _____ as Surety,
are held and firmly bound unto the CITY OF SAN FERNANDO, hereinafter called the
Owner, in the sum of _____ (\$ _____)
for the payment of which sum well and truly to be made, we bind ourselves, our heirs,
executors, administrators and successors, jointly and severally, firmly by these presents.

The conditions of this obligation are such that whereas the Principal entered into a
contract, attached hereto, with the Owner dated _____ for _____
_____.

NOW, THEREFORE, if the principal shall well and truly perform and fulfill all the
undertakings, covenants, terms, conditions and agreements of said contract during the
original term thereof, and any extensions thereof that may be granted by the Owner with
or without notice of the Surety, and during the life of any guaranty required under the
contract, and shall also well and truly perform and fulfill all the undertakings, covenants,
terms, conditions and agreements of any and all duly authorized modifications of said
contract that may hereafter be made, then this obligation shall be void; otherwise this
obligation shall remain in full force and virtue.

Further, the said Surety, for value received, hereby stipulates and agrees that no change,
extension of time, alteration or modification of the contract documents or of the work to
be performed thereunder shall in any way affect its obligations on this bond; and it hereby
waives notice of any and all such changes, extensions of time; and alterations or
modifications of the contract documents and/or of the work to be performed thereunder.

IN WITNESS WHEREOF, the above bounden parties have executed this instrument under
their several seals the _____ day of _____, 2022, the name and
corporate seal of each corporate party being hereto affixed and these presents duly
signed by each party's undersigned representative, pursuant to authority of its governing
body.

(Principal)

ATTEST:

(Address)

(By)

ATTEST:

(Address)

(By)

(Title)

(To be filled in by Surety)

Rate of premium on this bond is \$_____ per thousand.

Total amount of premium charge is \$_____.

Surety signatures on this bond must be acknowledged before Notary Publics, and a sufficiently power of attorney must be attached to the bond to verify the authority of any party signing on behalf of a surety.

All notices and demands to the surety shall be delivered via first class mail to the following:

PAYMENT (LABOR AND MATERIAL) BOND FORM

KNOW ALL MEN BY THESE PRESENTS: that we, _____
as Principal, and _____ as Surety,
are held and firmly bound unto the CITY OF SAN FERNANDO, hereinafter called the
Owner, in the sum of _____ (\$ _____)
for the payment of which sum well and truly to be made, we bind ourselves, our heirs,
executors, administrators and successors, jointly and severally, firmly by these presents.

The conditions of this obligation are such that whereas the Principal entered into a
contract, attached hereto, with the Owner dated _____ for _____
_____.

NOW, THEREFORE, if the Principal shall promptly make payment to all persons supplying
labor and material in the prosecution of the work provided for in said contract, and any
and all duly authorized modifications of each contract that may hereafter be made, then
this obligation shall be void, otherwise this obligation shall remain in full force and virtue.

The condition of this obligation is such that, if said Principal or his or its subcontractors,
or the heirs, executors, administrators, successors or assigns thereof, shall fail to pay any
of the persons named in Section 3181 of the Civil Code of the State of California for any
materials, provisions, provender or other supplies used in, upon, for or about the
performance of the work or labor performed by any such claimant or any amounts
required to be deducted, withheld, and paid over to the Franchise Tax Board from the
wages of employees of the contractor and his subcontractors pursuant to Section 18806
of the Revenue and Taxation Code, with respect to such work and labor, then said Surety
will pay for the same, in the amount not exceeding the sum set forth hereinabove and
also, in case suit is brought upon the bond, will pay a reasonable attorney's fee to be
fixed by the court. This bond shall insure to the benefit of any and all persons named in
the aforesaid Civil Code Section 3131 so as to give a right of action to them or their
assigns in any suit brought upon the bond.

Further, the said Surety, for value received, hereby stipulates and agrees that no change,
extension of time, alteration or modification of the contract documents or of the work to
be performed thereunder shall in any way affect its obligations on this bond; and it hereby
waives notice of any and all such changes, extensions of time; and alterations or
modifications of the contract documents and/or of the work to be performed thereunder.

IN WITNESS WHEREOF, the above bounden parties have executed this instrument under
their several seals the _____ day of _____, 2022, the name and
corporate seal of each corporate party being hereto affixed and these presents duly
signed by each party's undersigned representative, pursuant to authority of its governing

body.

(Principal)

ATTEST:

(Address)

(By)

ATTEST:

(Address)

(By)

(Title)

(To be filled in by Surety)

Rate of premium on this bond is \$_____per thousand.

Total amount of premium charge is \$_____.

Surety signatures on this bond must be acknowledged before Notary Publics, and a sufficiently power of attorney must be attached to the bond to verify the authority of any party signing on behalf of a surety.

All notices and demands to the surety shall be delivered via first class mail to the following:

SPECIAL PROVISIONS

SPECIAL PROVISIONS

The following Special Provisions supplement and amend the Standard Specifications for Public Works Construction, 2018 Edition. As a reference convenience, these Special Provisions have been arranged into a format which parallels the Standard Specifications

PART 1 – GENERAL PROVISIONS

SECTION 1 – GENERAL

Add or redefine the following:

Agency – The City of San Fernando, herein referred to as CITY or Agency.

Board – The City Council of the City of San Fernando, herein referred to as City Council.

Engineer – The Public Works Director and/or City Engineer of the City of San Fernando, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties entrusted to them.

City – The City of San Fernando, herein referred to as CITY or Agency.

Claim - A separate demand by the Contractor for (A) a time extension, (B) payment of money or damages arising from work done by or on behalf of the Contractor pursuant to the Contract and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled to, or (C) an amount the payment of which is disputed by the Agency.

Department – The City of San Fernando Department of Public Works.

Engineer (or) City Engineer – The City Engineer of the City of San Fernando or other person designated by the City Engineer acting either directly or through authorized agents.

Owner – City of San Fernando.

Project – See Work.

Quality Assurance – Those standards, systems, processes, procedures, and activities exercised by the Agency and the Engineer to ensure that the Work is constructed by the Contractor in accordance with the Contract Documents.

Quality Control – Those standards, systems, processes, procedures, and activities exercised by the Contractor to ensure that the Work is constructed in accordance with the Contract Documents.

Work – That which is proposed to be constructed or done under the Contract and/or permit for the SAN FERNANDO PEDESTRIAN FENCING GLENOAKS BOULEVARD BRIDGE PROJECT, including the furnishing of all labor, materials, equipment, and services.

1-2 ABBREVIATIONS.

1-3.2 Common Usage.

Add the following abbreviations:

DIA	Diameter
EA	Each
Elev	Elevation EXST. or Exist Existing
LB	Pound
LF	Linear Foot
MIN	Minimum
Prop.	Proposed
R/W	Right-of-Way
SF	Square Feet
SPECS	Specifications
Std.	Standard
TYP	Typical

1-7 AWARD AND EXECUTION OF THE CONTRACT.

1-7.1 General.

Add the following:

By mutual consent in writing of the parties signatory to the Contract, alterations or deviations; increase or decreases; and/or additions or omissions; in the Plans and Specifications may be made and the same shall in no way affect or make void the Contract.

1-7.2 Contract Bonds.

Add the following:

The performance bond shall remain in effect at least until the date of substantial completion/notice of completion, except as otherwise provided. The Contractor warrants and guarantees to the Agency that all Work will not be defective.

SECTION 2 – SCOPE OF THE WORK

2-2 PERMITS

Add the following:

The Contractor shall procure all permits and licenses, pay all charges and fees, and give all notices necessary and incidental to the due and lawful prosecution of the Work. Full compensation for complying with the permit requirements indicated in 2-2 shall be considered as included in other bid items of work.

Pursuant to State Bill 854, the following requirements apply to all public works projects (the latest codes referenced below shall be used):

A Contractor or Subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded. The website for contractor registration with the Department of Industrial Relations (DIR) is <https://www.dir.ca.gov/Public-Works/Contractor-Registration.html>, the annual non-refundable fee, valid July 1 through June 30 (state fiscal year), is \$400.

Contractors who are awarded a public works project must submit electronic payroll records to the DIR's Compliance Monitoring Unit (CMU) in addition to providing wet-ink original copies to the Agency or its designated labor compliance enforcement officer.

Add the following subsection:

2-2.1 Los Angeles County Department of Public Works Permit.

A permit is required from the Los Angeles County Department of Public Works ("LACPW") and must be secured by the contractor, instead of the Agency. The Contractor shall prepare documentation, if necessary, and obtain required bonds and insurance. The Contractor shall inform the Agency of required inspection fees, for which the Agency will issue payment directly to LACPW. The approved plans and permit may be obtained from: Los Angeles County Department of Public Works, 900 South Fremont Avenue, 3rd Floor, Alhambra, California 91803, (626) 458-4936. Plan checks have been completed and the following permit/plan check numbers apply to the Project:

- FCDP2022000160: includes Pedestrian Fencing on Glenoaks Boulevard and Pacoima Wash,

Full compensation for complying with the above requirements shall be considered as included in the Contract Unit Linear Foot price for installation of pedestrian fencing as these are the items requiring a permit.

Unless otherwise authorized by the LACPW Permit and signed plan, all work shall be performed in accordance with the Plans and Specifications.

2-8 EXTRA WORK.

Add the following:

The Contractor shall proceed with Extra Work only upon written order from the Engineer. For such Extra Work the Contractor shall receive payment as agreed upon in writing or shall be paid on force account. The Contractor shall not exceed any of the quantities in the proposal unless prior authorization from the Engineer is obtained in writing.

2-10 DISPUTED WORK.

Add the following:

- A. In accordance with Public Contract Code Section 20104, and for the purposes of Paragraphs B only, the term "Defined Claim" shall mean a separate demand by the Contractor to the Owner of a value of \$375,000 or less, for any of the following: (a) a time extension, (b) payment of money or damages arising from Work done by the Contractor pursuant to the Contract Documents and payment of which is not otherwise expressly provided for or the Contractor is not otherwise entitled to, or (c) an amount of payment which is disputed by the Owner.
- B. RESOLUTION OF DEFINED CLAIMS: Pursuant to Sections 20104 et seq., of the Public Contracts Code, the provisions of this Paragraph B shall apply to all "Defined Claims," as such term is defined in Paragraph A (i.e., claims that are in the amount of \$375,000 or less).

Filing and Response to Defined Claim

The Defined Claim shall be in writing, include the documents necessary to substantiate the Defined Claim, and be filed with the Owner (Agency) on or before the date of the final payment for the Work.

If the Defined Claim is less than \$50,000, the new Owner (Agency) shall respond in writing to the Defined Claim within 45 days of its receipt; or the Owner (Agency) may request in writing within 30 days of receipt of the Defined Claim any additional documentation supporting the Defined Claim or relating to defenses or claims the Owner (Agency) may have against the Contractor, and in such event the Owner's (Agency's) response shall be submitted to the Contractor within the later of 15 days after the receipt of the further documentation, or the time taken by the Contractor in producing the additional information.

If the Defined Claim is over \$50,000, the Owner (Agency) shall respond in writing to the Defined Claim within 60 days of its receipt, or the Owner (Agency) may request in writing within 30 days of receipt of the Defined Claim any additional documentation supporting the Defined Claim or relating to defenses or claims the

Owner (Agency) may have against the Contractor, and in such event the Owner's (Agency's) response shall be submitted to the Contractor within the later of 30 days after the receipt of the further documentation, or the time taken by the Contractor in producing the additional information or requested documentation.

Meet and Confer Regarding Defined Claim

If the Contractor disputes the Owner's (Agency's) written response, or if the Owner (Agency) fails to respond within the prescribed time, to the Defined Claim, the Contractor may notify the Owner (Agency) in writing within 15 days, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of the demand, the Owner (Agency) shall schedule a meet and confer conference within 30 days. If the claim or any portion thereof remains in dispute following the meet and confer conference, the Contractor may file a claim pursuant to Government Code Section 900, et seq. For purposes of this Paragraph B, the running of the period of time within which a claim must be filed shall be tolled from the time the Contractor submits the Defined Claim until the time such Defined Claim is denied, including any period of time utilized by the meet and confer conference.

Procedures for Civil Actions Filed to Resolve Defined Claims

The following procedures shall apply to any civil action filed pursuant to this Paragraph B:

Non-Binding Mediation: Within 60 days, but no earlier than 30 days, following the filing of responsive pleadings, the court shall submit the matter to non-binding mediation unless waived by mutual stipulation of both parties. The mediation process shall provide for the selection within 15 days by both parties of a disinterested third person as mediator, and shall be commenced within 30 days of the submittal and shall be concluded within 15 days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court.

Judicial Arbitration: If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Section 1141.10, et seq., of the Code of Civil Procedure, notwithstanding Code of Civil Procedure Section 1141.11. The civil discovery procedures of Code of Civil Procedure Section 2016, et seq., shall apply, consistent with the rules pertaining to judicial arbitration. In addition to the provisions of Code of Civil Procedure Section 1141.10, et seq., (a) arbitrators shall, upon stipulation of the parties, be experienced in construction law, and (b) any party appealing an arbitration award who does not obtain a more favorable judgment shall, in addition to payment of costs and fees, also pay the attorney's fees on appeal of the other party.

Interest on Award of Judgment: In any suit filed pursuant to Paragraph (G)3.2, the Owner (Agency) shall pay interest at the legal rate on any arbitration award or judgment, which interest shall begin to accrue on the date the suit is filed in a court of law.

- c. RESOLUTION OF CLAIMS OTHER THAN DEFINED CLAIMS: The provisions of this Paragraph C shall apply to all claims that are not "Defined Claims," as such term is defined in Paragraph A (i.e., claims that are in excess of \$375,000.00).

Written Claim

If the Contractor is not satisfied with any action by the City Council to resolve the protest of any claim other than a Defined Claim, it shall file with the City Council, within fifteen (15) days after such determination, a written claim which shall comply with the requirements for a claim under Division 3.6 of Title 1 (commencing with Section 810) of the California Government Code. The City Council shall take action with respect to any such claim as provided in Division 3.6 of Title 1 of the Government Code. Denial of such claim by the City Council shall be a prerequisite to the institution of any legal proceeding challenging the action of the City Council. If the Contractor fails to file a claim within the time specified herein, it shall be deemed satisfied with the action of the City Council with respect to its protests, and such failure to file a claim shall be deemed to be a waiver of all claims and demands arising out of or relating to this Contract.

Limitation Period

Demand for Arbitration of any claim other than a Defined Claim shall be served upon the Owner (Agency) within the time limits set forth in Division 3.6 of the California Government Code for commencement of legal proceedings against a local public agency.

Arbitration

Except as provided to the contrary herein, arbitration of any claim other than a Defined Claim may be initiated by the Contractor and shall be conducted in accordance with the provisions of California Code of Civil Procedure Sections 1280, et seq. The parties hereto agree that there shall be a single neutral Arbitrator who shall be selected in the following manner: (1) The Demand for Arbitration shall include a list of five names of persons acceptable to the Contractor to be appointed as Arbitrator. The Owner (Agency) shall determine if any of the names submitted by Contractor are acceptable and, if so, such person will be designated as Arbitrator; (2) In the event that none of the names submitted by Contractor are acceptable to Owner (Agency) or if for any reasons the Arbitrator selected in Step (1) is unable to serve, the Owner shall submit to Contractor a list of the five names of persons acceptable to Owner (Agency) for appointment as Arbitrator to Contractor who shall in turn have 10 days in which to determine if one such person is acceptable; (3) If after Steps (1) and (2) the parties are unable to mutually agree upon a neutral Arbitrator, the matter of selection of an Arbitrator shall be submitted to the Los Angeles County Superior Court pursuant to Code of Civil Procedure Section 1281.6.

SECTION 3 – CONTROL OF THE WORK

3-4 AUTHORITY OF THE BOARD AND THE ENGINEER

Add the following:

The Engineer shall retain all written protests filed, and, upon completion of the work, shall submit all such protests to the City Council, together with a copy of the Engineer's prior written decisions for consideration by the City Council at the time of final acceptance of the Work. The Contractor or its representative may appear and be heard by the City Council concerning any such protests. In connection with acceptance of the Work and final payment under the Contract, the City Council shall make its determination with respect to each protest filed with the Engineer. The decision of the City Council shall be final.

3-5 INSPECTION

Add the following:

Inspection work requested by the Contractor outside of the prescribed Working hours shall be paid by the Contractor at the Agency's overtime rate.

The Engineer will make, or have made, such inspections and tests as he/she deems necessary to see that the Work is in conformance with the Contract Documents. In the event such inspections or tests reveal noncompliance with the Contract Documents, the Contractor shall bear the cost of such corrective measures as deemed necessary by the Engineer, as well as the cost of subsequent re-inspection and re-testing.

Work done in the absence of inspection by the Engineer may be required to be removed and replaced under the inspection of the Engineer, and the entire cost of removal and replacement shall be borne by the Contractor, regardless of whether the work removed is found to be defective or not. Work covered without the approval of the Engineer shall, if so directed by the Engineer, be uncovered to the extent required by the Engineer, and the Contractor shall similarly bear the entire cost of performing all the work and furnishing all the materials necessary for the removal of the covering and its subsequent replacement, including all costs for additional inspection.

3-7 CONTRACT DOCUMENTS.

3-7.1 General.

Add the following:

All authorized alterations affecting the requirements and information given on the approved Plans shall be in writing. No changes shall be made of any Plan or Drawing after the same has been approved by the Engineer, except by written direction of the Engineer. Should it appear that the Work to be done, or any matter relative thereto is not sufficiently detailed or explained in these Specifications, Special Provisions, Technical Provisions, or Plans, the Contractor shall apply to the Engineer for such

further explanations as may be necessary and shall conform to such explanation or interpretation as part of the original Specifications. In the event of doubt or questions relative to the true meaning of the Specifications, reference shall be made to the City Council, whose decision thereon shall be final.

Record Drawings:

All corrections on record drawings shall be done in red ink. Record drawings shall be a control set of the construction plans kept on the site for daily recording of "as built" conditions. The Contractor shall show dimensioned location of all facilities, such as fences, poles on the record drawings. Dimensions must be taken from above ground permanent, architectural objects, not plants or irrigation heads. All dimensions, notes, etc., shall be legible.

Record drawing shall be reviewed prior to all progress payment requests and submitted prior to final inspection.

3-7.2 Precedence of Contract Documents.

Replace the entire subsection with the following:

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:

- a) Permits issued by jurisdictional regulatory agencies.
- b) Change Orders and Supplemental Agreements; whichever occurs last.
- c) Contract/Agreement.
- d) Addenda.
- e) Bid/Proposal.
- f) Special/General Provisions and Technical Specifications.
- g) Plans.
- h) City Standard Plans.
- i) Other Standard Plans.
- j) Instructions to Bidders.
- k) Notice Inviting Bids.
- l) Standard Specifications for Public Works Construction.
- m) Reference Specifications.

Detail drawings shall take precedence over general drawings.

The Standard Specifications, Standard Plans, and Manual of Traffic Controls, latest edition of each, of the State of California, Department of Transportation, and the Los Angeles County Department of Public Works Standard Plans, the City of San Fernando Standard Plans, and the American Water Works Association (AWWA) are incorporated herein by reference and are hereby accepted as Reference Specifications. These Reference Specifications are intended to govern certain construction materials, methods, and details except as modified herein or are inconsistent with the provisions herein. In case of conflict between the Reference Specifications and the Technical

Provisions, the Technical Provisions shall govern. In case of a conflict between drawings and Technical Provisions, Technical Provisions shall prevail.

3-8 SUBMITTALS

3-8.1 General.

Replace the second paragraph with the following:

The Contractor shall allow a minimum of 15 Working Days for each review, unless otherwise approved by the Engineer. Review periods are not cumulative. The aforementioned time frames begin anew upon each submission whether the initial submission or a resubmission after a prior review by the Agency. Each set of submittals shall be accompanied by a letter of transmittal describing exactly what is being transmitted. The Contractor shall consecutively number, thoroughly check, approve, and sign each submittal.

3-8.3 Shop Drawings.

Add the following before the first paragraph:

Within 14 calendar days after the Award of Contract, the Contractor shall, at his/her expense, transmit by letter to the Engineer for review and acceptance, shop drawings, and/or other available instructive and descriptive information from the manufacturer, when and as required by the Contract Documents, or requested by the Engineer. Shop drawings will normally not be required for standard items in common use for which adequate manufacturers' literature is available.

The Contractor shall consecutively number, thoroughly check, approve, and sign each Shop Drawing and transmit the Shop Drawings by letter to the Engineer for review. In the event that certain Shop Drawings are unacceptable to the Agency, they will be rejected by the Engineer. The Contractor shall thereafter, correct said drawings and resubmit same in quadruplicate within seven (7) calendar days.

In the event that in the process of development of the Shop Drawings, it is discovered that there are defects and/or errors on the Plans, resulting in conflict between said Plans and the Shop Drawings, or if the Shop Drawings show variation from the Plans and/or Contract requirements because of standard shop practice or other reasons, the Contractor shall thoroughly describe and explain said defects and/or conflicts in his/her transmittal letter to the Engineer.

The Engineer's review of the Shop Drawings will be for general design and arrangement only, and shall not relieve the Contractor from responsibility for errors of any sort in the Shop Drawings or of the responsibility for executing the work in accordance with the Contract. The Contractor shall be solely responsible for the correctness of the drawings, for shop fits and field connections, and for the results obtained by use of such drawings. The Contractor shall verify and be fully responsible for all dimensions and job-site conditions affecting the Work and shall be responsible for furnishing and

installing the proper materials required by the Contract, whether or not indicated on the Shop Drawings when reviewed.

3-10 SURVEYING.

3-10.1 General.

Replace the subsection with the following:

The Contractor shall preserve all benchmarks, monuments, survey marks, centerline ties and stakes and, in case of their impending removal or destruction by his/her operations he/she shall be responsible for notifying the City Engineer prior to their removal. Failure to provide such notification will result in the Contractor being liable for all costs associated with their replacement.

3-12 WORK SITE MAINTENANCE.

3-12.1 General.

Add the following after the first paragraph:

All excess dirt and construction debris shall be hauled away from job site each day.

Replace the second paragraph with the following:

During construction, the Contractor shall furnish and operate a motorized street sweeper with spray nozzles at least once a day within the areas of its operations and, as determined by the Engineer, along haul routes. The sweeping shall be near or after the end of construction operations for the day. At the same time, the Contractor shall also sweep the sidewalks either manually or with a motorized street sweeper in the vicinity of the construction operations. The sweeping operations shall produce a clean surface throughout the Project area.

If, in the opinion of the Engineer, this effort does not result in satisfactorily clean streets and sidewalks, then the Contractor shall take whatever other measures are necessary to keep the streets and sidewalks clean. Such measures may include, but not be necessarily limited to, more frequent use of a motorized street sweeper as noted above, the use of a self-loading vacuum sweeper, and/or sufficient hand labor to satisfactorily comply with this specification.

3-12.3 Noise Control.

Replace the subsection with the following:

The Contractor shall comply with all local sound control and noise level rules, regulations, and ordinances which apply to any Work performed pursuant to the Contract. The noise level requirements shall apply to all equipment on the job or related to the job, including, but not limited to, trucks, transit mixers, or transient equipment that may or may not be owned by the Contractor. Each internal combustion engine used for any purpose on the

job shall be equipped with a muffler of a type recommended by the manufacturer. The noise level shall comply with Chapter 34, Article II of the City of San Fernando Municipal Code, unless previously approved by the Agency. Payment for noise control shall be considered as included in the Contract Unit Price for each related item in the Bid requiring noise control.

3-12.4 Storage of Equipment and Materials.

3-12.4.2 Storage in Public Streets.

Add the following:

Overnight stockpiling of construction debris or excavated materials is not allowed. Contractor must obtain written approval from the Engineer prior to storage of construction materials and equipment on the street where improvements are planned. Adequate flashing barricades shall be provided.

3-12.6 Water Pollution Control.

3-12.6.1 General.

Add the following:

The Contractor shall comply with the requirements of 3-12.6 and shall conduct his/her operations so as to prevent Portland cement, mud, silt, or other materials from entering the surface drainage structures of the adjoining street and any underground storm drainage system. Contractor shall comply with the requirements of project specific Erosion Control Plans included in the Plans.

In addition to complying with all applicable federal, state and local laws and regulations, the Contractor shall take note of the National Pollution Discharge Elimination System (NPDES) Requirements. The Contractor shall take all precautionary actions and implement all necessary Best Management Practices (BMPs) to prevent polluted discharges to any portion of the storm drain conveyance system including discharge of pollutants from activities such as paving operations, concrete waste washouts, cold-milling, and vehicle and equipment fueling from entering storm drain systems. At the minimum, the following shall be implemented:

- Handle, store, and dispose of materials properly
- Avoid excavation and grading activities during wet-weather
- Construct diversion dikes and drainage swales around working sites
- Cover and seal catch basins if work in their vicinity may allow debris or deleterious liquids to enter
- Never wash excess material from aggregate, concrete, or equipment onto a street
- Catch drips from paving equipment with drip pans or absorbent material
- Clean up all spills using dry methods

3-12.6.5 Payment.

Replace the subsection with the following:

Full compensation for the implementation of BMPs, construction, removal, and the furnishing of all necessary labor, equipment, and materials, shall be considered as included in the other items of work and no additional payment will be made therefor.

3-13 COMPLETION, ACCEPTANCE, AND WARRANTY.

3-13.1 Completion.

Add the following:

Final inspection and recommendation of completion by the Engineer does not constitute acceptance of the project. The Contractor remains responsible for the project until acceptance of the Work by the City Council.

SECTION 4 – CONTROL OF MATERIALS

4-1 GENERAL.

Add the following paragraph after the second paragraph:

If the work, or any portion thereof, shall be damaged in any way, or if any defective materials or faulty workmanship shall be discovered at any time prior to the final payment, the Contractor shall forthwith, at its own cost and expense, repair said damage, or replace such defective materials, or remedy such faulty workmanship in a manner satisfactory to the Engineer.

4-3 INSPECTION.

4-3.1 General.

Add the following:

At the option of the Engineer, the source of supply of each of the materials shall be approved by the Engineer before delivery is started and before such material is used in the Work. Representative preliminary samples of the character and quality prescribed shall be submitted by the Contractor or producer of material to be used in the Work, for testing or examination as desired by the Engineer. All tests of industry materials furnished by the Contractor shall be made in accordance with commonly recognized industry standards or special methods and tests as prescribed in these specifications.

The Contractor shall furnish such samples of materials as are requested by the Engineer, without charge. No material shall be used until it has been approved by the Engineer. Samples will be secured and tested whenever necessary to determine the quality of material.

4-4 TESTING.

Revise the third sentence of the first paragraph to read as follows:

Unless otherwise called for hereinafter in these Special Provisions, all testing during construction will be performed by the Agency in such number and at such locations as deemed necessary by the Engineer to ensure compliance with the Plans and Specifications; the cost of all initial testing will be borne by the Agency; the cost of all retesting will be borne by the Contractor, and the amount due the Agency for said retesting will be deducted from the Contractor's progress payments.

SECTION 5 – LEGAL RELATIONS AND RESPONSIBILITIES

5-1 LAWS AND REGULATIONS.

Add the following:

Eight hours constitutes a legal days' work. The Contractor shall forfeit, as a penalty to the City of San Fernando, \$50.00 for each workman employed in the execution of the Contract by the Contractor when the workman is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of the Labor Code, and in particular, Sections 1810 to 1815, thereof, inclusive, except that Work performed by employees of Contractors in excess of eight hours per day, and 40 hours during any one week, shall be permitted upon compensation for all hours worked in excess of eight hours per day at not less than one-and-one-half times the basic rate of pay as provided in said Section 1815.

The Contractor shall comply with Labor Code Section 1775 in accordance with said Section 1775, the Contractor shall forfeit as a penalty to the City of San Fernando, \$50.00 for each calendar day or portion thereof, for each workman paid less than the stipulated prevailing rates for such work or craft in which such workman is employed for any Work under the Contract by him/her or by any Subcontractor under him/her in violation of the provisions of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to said Section 1775, the difference between such stipulated prevailing wage rates and the amount paid to each workman for each calendar day or portion thereof for which each workman was paid less than the stipulated prevailing wage rate shall be paid to each workman by the Contractor.

In accordance with the provisions of Section 1770 to 1777 inclusive, of the Labor Code of the State of California, the City Council of San Fernando has adopted the general prevailing rates of per diem wages applicable to the Work to be done as have been determined by the Director of the Department of Industrial Relations for the State of California.

5-3 LABOR.

5-3.1 General.

Add the following:

Attention is directed to the provisions in Sections 1777.5 (Chapter 1411, Statutes of 1968) and 1777.6 of the Labor Code concerning the employment of apprentices by the Contractor or any Subcontractor under him/her.

Section 1777.5, as amended, requires the Contractor or Subcontractor employing tradesmen in any apprenticeable occupation to apply to the joint apprenticeship committee nearest the site of the public works project and which administers the apprenticeship program in that trade for a certificate of approval. The certificate will also fix the ratio of apprentices to journeymen that will be used in the performance of the Contract. The ratio of apprentices to journeymen in such cases shall not be less than one to five except:

1. When unemployment in the area of coverage by the joint apprenticeship committee has exceeded an average of 15 percent in the 90 days prior to the request for certificate, or
2. When the number of apprentices in training in the area exceeds a ratio of one to five, or
3. When the trade can show that it is replacing at least 1/30 of its membership through apprenticeship training on an annual basis statewide or locally, or
4. When the Contractor provides evidence that he/she employs registered apprentices on all of their Contracts on an annual average of not less than one apprentice to eight journeymen.

The Contractor is required to make contributions to funds established for the administration of apprenticeship programs if he/she employs registered apprentices or journeymen in any apprenticeable trade on such contracts and if other contractors on the public works site are making such contributions.

The contractor and any subcontractor under him shall apply with the requirements of Sections 1777.5 and 1777.6 in the employment of apprentices.

Information relative to apprenticeship standards, wage schedules, and other requirements may be obtained from the Director of Industrial Relations, ex officio the Administrator of Apprenticeship, San Francisco, California, or from the Division of Apprenticeship Standards and its branch offices.

5-4 INSURANCE.

5-4.2 General Liability Insurance.

Add the following:

The public liability insurance shall include protection from claims caused by automobiles, trucks, or other vehicles of the Contractor or any Subcontractor while in use both within and outside the Contract premises. The property damage insurance shall cover damage or destruction of any and all property other than that which is owned, leased, or in the care, custody, or control of the Contractor or any Subcontractor, with the liability limit applying to any one (1) accident, disaster, or claim. All coverage provided by Contractor shall be considered primary and shall be completely exhausted before City coverage, if any and to be considered secondary, is exercised.

By appropriate endorsement, such policies of insurance required shall name the City of San Fernando as additionally insured with the Contractor with respect to the construction project described in these specifications and shall provide that such insurance coverage shall not be canceled or reduced without thirty (30) days prior written notice to the City of San Fernando. Said endorsement shall be a separate document. Certificates of the insurance carried evidencing such insurance coverage shall be delivered to the City of San Fernando concurrently with the execution of the Contract by the Contractor.

5-7 SAFETY.

5-7.1 Work Site Safety.

5-7.1.1 General.

Add the following:

In the event that the Contractor fails to adequately provide for the public safety during the course of construction under this Contract, and the Agency is required to provide for said public safety, the Contractor shall pay the Agency the cost of each service call, which will include all direct labor and material costs including fringe benefits, overhead, and applicable rental rates for the various pieces of equipment. Any and all costs incurred by the Agency as a result of the failure of the Contractor to provide for the public safety will be deducted from the amount due to the Contractor for the Work done under this Contract.

SECTION 6 – PROSECUTION AND PROGRESS OF THE WORK

6-1 CONSTRUCTION SCHEDULE AND COMMENCEMENT OF THE WORK.

6-1.1 Construction Schedule.

Revise the first sentence in the first paragraph as follows:

Within 10 days of issuance of the Part 1 NTP (per Section 6-1.2), the Contractor shall submit its proposed baseline construction schedule to the Engineer for approval.

Add the following:

The Contractor shall ensure that an up-to-date schedule is available at each of the weekly site meetings to aid in discussion of upcoming activities.

Prior to issuing the Part 2 Notice to Proceed (per Section 6-1.2), the Engineer will schedule a Pre-Construction Meeting with the Contractor to review the proposed construction schedule and delivery dates, arrange utility coordination and clarify inspection procedures.

Prior to starting any Work, the Contractor may be required to attend a Community Meeting to be scheduled by the Engineer. The meeting, to be held in the evening, will address the residents' questions and concerns regarding the Work, what can be expected during construction and vehicular and pedestrian access that may be temporarily restricted during construction.

6-1.2 Commencement of the Work.

Replace the subsection with the following:

The Notice to Proceed (NTP) for this Contract will be issued in two separate parts. The Agency will issue the Part 1 NTP after the Contractor satisfactorily submits all of the documentation required in the Instructions to Bidders and Contract Documents and the Agency has executed the Contract.

Part 1 NTP shall be for the Contractor to perform the following:

1. Submit all required Submittals per Section 3-8 and receive Agency approval for such submittals unless otherwise specified (interpretive signage and as-needed documentation are not required to be completed before Part 2 NTP).
2. Ensure that all labor, equipment, and materials required for the Contract will be available when required by the Construction Schedule per Section 6-1.1.
3. Attend pre-construction meeting(s) with the Agency.
4. Submit Baseline Schedule per Section 6-1.1 and receive Agency acceptance.

The Contractor shall complete all of the above stated activities within 15 Working Days of the Part 1 NTP. Each additional Working Day in which the Contractor is not in compliance with this requirement will be subtracted from the number of Working Days allowed for the

Time of Completion per Section 6-3.1. When the number of Working Days specified in Section 6-3.1 is exhausted, the Contractor will be subject to liquidated damages. The counting of Working Days for the completion of Part 1 NTP activities will stop upon the receipt of all required Submittals and resume upon the return of any required submittal to the Contractor per Section 3-8.

The Part 2 NTP shall be for the start of the Work. The Part 2 NTP will not be issued until all Part 1 NTP activities have been completed.

Construction Work is limited to normal working hours unless prior written approval is obtained from the Engineer. Normal working hours for construction are between 7 a.m. and 4 p.m.

6-3 TIME OF COMPLETION.

6-3.1 General.

Replace the first sentence with the following:

The Contractor shall complete the Work within **15 Working Days** from the start date specified in the Notice to Proceed (following Part 2 NTP as described in Section 6-1.2.)

Add the following:

Where a single shift is worked, eight (8) consecutive hours between 7 a.m. and 6 p.m. shall constitute a day's work at straight time for all workers. Forty (40) hours between Monday, 7 a.m., and Friday, 4 p.m. shall constitute a week's work at straight time. Holidays as herein referred to shall be deemed to be:

New Year's Day	Independence Day
Martin Luther King Day	Labor Day
President's Day	Veterans Day
Cesar Chavez's Birthday	Thanksgiving Day and day after
Memorial Day	Christmas

6-4 DELAYS AND EXTENSIONS OF TIME.

6-6.1 General.

Replace the second paragraph with the following:

Only the physical shortage of material, caused by unusual circumstances, will be considered under these provisions as a cause for extension of time, and no consideration will be given to any claim that material could not be obtained at a reasonable, practical, or economical cost or price, unless it is shown to the satisfaction of the Engineer that such material could have been obtained only at exorbitant prices entirely out of line with current rates, taking into account the quantities involved and usual practices in obtaining such quantities. A time extension for shortage of material will not be considered for material

ordered or delivered late or whose availability is affected by virtue of the mishandling of procurement. The above provisions apply equally to equipment to be installed in the Work.

Add the following:

The Contractor shall retain the right to fully complete (include final completion, punch list, and Project close out) the Work in fewer days than established by the Contract. However, neither shall a reduction or increase to the Contract Sum be made, if the Work is so fully completed in fewer days than established by the Contract nor shall a Claim be made or granted for Compensable Delay, or any other increase in Contract Sum, if, for any reason, including but not limited to delay caused by Agency, the Contractor does not so fully complete the Work in fewer days than established herein.

When the Contractor foresees a delay in the prosecution of the Work and, in any event, immediately upon the occurrence of a delay, the Contractor shall notify the Engineer in writing of the probability of the occurrence and the estimated extent of the delay, and its cause. The Contractor shall take immediate steps to prevent, if possible, the occurrence or continuance of the delay. The Contractor agrees that no claim shall be made for delays which are not called to the attention of the Engineer at the time of their occurrence.

Non-excusable delays in the prosecution of the Work shall include delays which could have been avoided by the exercise of care, prudence, foresight, and diligence on the part of the Contractor or its subcontractors, at any tier level, or suppliers.

The Contractor shall not be assessed with liquidated damages nor the cost of engineering and inspection during any delay in the completion of the Work caused by Acts of God or of war, acts of the City, fire, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and weather or delays of Subcontractors due to such causes, provided that the Contractor shall within ten (10) days from the beginning of any such delay notify the Engineer in writing of the cause of delay, who shall ascertain the facts and the extent of the delay, and his findings of the facts thereon shall be final and conclusive.

6-6 SUSPENSION OF THE WORK.

6-6.1 General.

Add the following:

In the event that a suspension of Work is ordered, as provided in this paragraph, the Contractor, at its expense, shall perform all Work necessary to provide a safe, smooth, and unobstructed passageway through construction for use by public, pedestrian, and vehicular traffic, during the period of such use by suspension. Should the Contractor fail to perform the Work as specified, the Agency may perform such Work and the cost thereof may be deducted from monies due the Contractor under the Contract.

The Agency shall also have authority to suspend the Work wholly or in part, for such period as the Agency may deem necessary, due to unsuitable weather, or to such other conditions as are considered unfavorable for the suitable prosecution of the Work. Such temporary suspension of the Work will be considered justification for time extensions to the Contract

in an amount equal to the period of such suspension if such suspended Work includes the current critical activity on the latest favorably reviewed schedule.

6-7 TERMINATION OF THE CONTRACT FOR DEFAULT.

6-7.1 General.

Replace item e) and f) and add the following to the itemized list:

- e) Disregards laws or regulations of any public body having jurisdiction,
- f) Commits continuous or repeated violations of regulatory or statutory safety requirements,
- g) Is not complying in good faith, or
- h) Has assigned or subcontracted any part of the Work without the Agency's consent, then the Agency will consider the Contractor in default of the Contract.

6-7.3 Notice of Termination for Default.

Add the following before the last paragraph:

In the event of such termination, the Contractor will be paid the actual amount due based on the quantity of Work satisfactorily completed at the time of termination, less damages caused to the Agency by acts of the Contractor causing the termination. The Contractor, in having tendered a Bid, shall be deemed to have waived any and all claims for damages because of termination of the Contract for any such reason.

6-9 LIQUIDATED DAMAGES.

Add the following:

It is agreed by the parties to the Contract that liquidated damages for Work under this Contract is the sum of Five Hundred Dollars (\$500.00) per day for each and every day's delay beyond the time prescribed to complete the Work. Contractor agrees to pay such liquidated damages as herein provided, and in case the same are not paid, Contractor agrees that the City of San Fernando may deduct the amount thereof from any money due or that may become due the Contractor under the Contract.

It is further agreed that in case the Work called for under the Contract is not finished and completed in all parts and requirements within the time specified, the City Council shall have the right to extend the time for completion or not, as may seem best to serve the interest of the Agency; and if it decides to extend the time limit for the completion of the contract, it shall further have the right to charge to the Contract, his/her heirs, assigns or sureties; and to deduct from the final payment for the Work, all or any part, as it may deem proper, of the actual cost of engineering, inspection, superintendence, and other overhead expenses which are directly chargeable to the Contract, and which accrue during the period of such extension, except that the cost of final surveys and preparation of final estimates shall not be included in such charges.

SECTION 7 – MEASUREMENT AND PAYMENT

7-1 MEASUREMENT OF QUANTITIES FOR UNIT PRICE WORK.

7-1.2 Methods of Measurement.

Add the following:

Payment of each item will include full compensation for furnishing all labor, materials, tools, equipment and backup equipment; transportation and technical competence for performing all Work necessary to complete each item as indicated on the Plans and as specified in these Contract Documents, including but not limited to obtaining all applicable certifications necessary for specialty personnel and major equipment, and all other applicable permits; securing a storage yard to store all equipment and materials to be used on the job (if needed), disposal of waste materials, restoration of the site, etc.

7-2 LUMP SUM WORK.

Add the following:

The Contractor shall, within five (5) Working Days of receipt of a request from the Engineer, submit a complete breakdown of Lump Sum Bid prices showing the value assigned to each part of the Work, including an allowance for profit and overhead. In submitting the breakdown, the Contractor certifies that it is not unbalanced and that the value assigned to each part of the Work represents its estimate of the actual cost, including profit and overhead, of performing that part of the Work. No extra costs shall be allowed for providing these breakdowns.

7-3 PAYMENT.

7-3.1 General.

Add the following at the end of the second paragraph:

Payment for cost of Work to comply with the SPPWC General Provisions and as modified by this Contract shall be included in the various bid items, and no additional payment will be made.

Bid prices provided on the appropriate Bid Form will remain in force as Unit Prices under the Contract Documents until the Contract has been fully performed. No cost escalation is allowed due to material price increase for the term of the Project.

When an item of Work is not listed in the “Bid Schedule” in the bid proposal, the cost of such Work shall be considered to be included in the cost of the other Work that is listed. The Contractor is to provide all labor, material, and equipment necessary to complete the Project in accordance with the Plans and Specifications including, but not limited to the following:

- a) All "Special Provisions" Work required to complete the Project in a safe and orderly manner including, but without being limited to, safety measures, hoists, flagmen, clean-up, barricades, fences, temporary utilities, utility fees and charges, parking for the Contractor's and subcontractor's personnel, and temporary facilities as may apply to this Work;
- b) All insurance in accordance with the insurance requirements of the Contract;
- c) Maintain and update current record drawings onsite (3-7.1). Upon project completion, provide the Agency a legible set of record drawings, operation and maintenance manuals, warranties, and guarantees;
- d) All permits required;
- e) Monthly Project status report;
- f) Attend weekly project meetings;
- g) All engineering, testing, and inspection costs for defective Work, and work performed outside of the work hours;
- h) Repair or replace all existing improvements (public or private) damaged by the Contractor. The Contractor is responsible to provide evidence of pre-existing conditions;
- i) All scheduling of utility connections to turn on/off including, but not limited to electrical services (for electrical panel, street lighting, traffic signals, and irrigation controllers) and water meters;
- j) Watchman or security service, as necessary;
- k) Perimeter fencing of work zones and staging area as necessary for public safety and protection of equipment and materials;
- l) Dust control, street cleaning, and protection and/or replacement of existing surfaces or properties;
- m) Submittal Log of all submittals required to the Agency including, but not limited to, material, products, concrete testing data, batch plant testing data, shop drawings, and traffic control and phasing plans. Said log shall be updated for each weekly project meeting.

All costs for the preceding shall be included in the other items for which bids are entered.

The Agency may keep any monies which would otherwise be payable at any time hereunder and apply the same, or so much as may be necessary therefore, to the payment of any expense, losses, or damages, as determined by the Engineer, incurred by the Agency, for which the Contractor is liable under the Contract.

Add the following at the end of the subsection:

It is mutually agreed between the parties to the Contract that no certificate given or payments made under the Contract, except the final project acceptance, shall be conclusive evidence of the performance of the Contract, either wholly or in part, against any claim of the party of the first part, and no payment shall be construed to be an acceptance of any defective work or improper materials.

The Contractor further agrees that the payment of the final amount due under the Contract, and the adjustment and payment for any Work done in accordance with any alterations of the same, shall release the Agency (City of San Fernando), City Council, and the Engineer from any and all claims of liability on account of Work performed under the contract or any alteration thereof.

7-3.2 Partial and Final Payment.

Replace the second and third paragraph with the following:

The Agency shall, once in each month, cause an estimate in writing to be made by the Engineer of the total amount of Work done and the acceptable materials furnished and delivered by the Contractor on the ground and not used, at the time of such estimate; and the value thereof. The estimate will be based on the Contract Unit Prices or in accordance with 7-2. The Agency shall retain five percent (5%) of such estimated value of the Work done and fifty percent (50%) of the value of the materials so estimated to have been furnished and delivered and unused as aforesaid as part security for the fulfillment of the Contract by the Contractor, and shall monthly pay the Contractor, while carrying on the Work, the balance not retained, as aforesaid, after deducting therefrom all previous payments and all sums to be kept or retained under the provisions of the Contract. The amount withheld will be retained by the Agency until acceptance of the performance of the Contract by the City Council. No such estimate or payment shall be required to be made, when, in the judgment of the Engineer, the Work is not proceeding in accordance with the provisions of the Contract, or when in his/her judgment, the total value of the Work done since the last estimate amounts to less than Three Hundred Dollars (\$300.00).

The Contractor may be required to submit updated work schedules and current record drawings (as-built) with requests for progress payments.

SECTION 8 – FACILITIES FOR AGENCY PERSONNEL

8-1 GENERAL.

No field offices for AGENCY personnel shall be required, however, the AGENCY personnel shall have the right to enter upon the project at all times and shall be admitted to the offices of the Contractor if so provided by the Contractor for his own personnel.

PART 2 – CONSTRUCTION MATERIALS

SECTION 206 – MISCELLANEOUS METAL ITEMS

Add the following subsection:

206-7 CHAIN LINK RAILING.

206-7.1 Materials.

Structural shapes, plates, and bars must comply with ASTM A36.

Bolts and nuts shall conform to ASTM A 307 and all washers shall conform to ASTM F844

Structural tubing steel must comply with ASTM A500/A500M or A501.

Anchor bolts shall be Hilti HIT-ICE Adhesive with stainless steel HAS-R 304 threaded rod or approved equal.

Truss rods, post tops, eyebolts, thimbles, and other required fittings and hardware must be steel, malleable iron, or wrought iron. Post tops and other closures must be watertight. Fittings and hardware must fasten properly to the posts and other members.

Cable used in the frame must:

1. Be wire rope
2. Be 5/16 inch in diameter
3. Have a minimum breaking strength of 5,000 lb
4. Be galvanized under Federal Specification RR-W-410

Crimped sleeve clamps, stop sleeve clamps, and stud socket assemblies must:

1. Be nonferrous metal
2. Develop the strength of the cable
3. Be the same color as the cable

Tension wires must be at least 7-gauge coil spring steel. Post clips must be at least 9-gauge steel.

Wire ties or hog rings must be 9-gauge, commercial-quality steel wire.

Galvanize the tension wires, post clips, wire ties, and hog rings under ASTM A116, Coating Type Z, Class 3.

You may substitute one of the following for the steel wire ties or hog rings:

1. 6-gauge (0.192-inch minimum diameter) aluminum wire ties complying with ASTM B211 or B211M, Alloy 1100-H18
2. 6-gauge (0.192-inch minimum diameter) aluminum hog rings complying with ASTM B211 or B211M, Alloy 6061-T94 or Alloy 5052-H38

Chain link fabric must be 11 gauge and must comply with one of the following:

1. AASHTO M 181, Type I, Class C
2. AASHTO M 181, Type IV, Class A
3. ASTM F1345, Class 2

Chain link fabric must be woven into approximately 1-inch Mesh.
All the railings for a single structure must be the same color

The eye of eyebolts shall be either drop forged or formed with a full penetration weld, at the Contractor's option. The eye shall develop 100 percent of the bolt strength.

Turnbuckles shall:

1. Be commercial quality
2. Have a jaw or eye ends
3. Have a minimum breaking strength of 2,700 lb
4. Be steel pipe type or drop-forged steel.

PART 3 – CONSTRUCTION METHODS

SECTION 300 – EARTHWORK

300-1 CLEARING AND GRUBBING.

300-1.1 General.

Add the following after the first paragraph:

Debris generated by Contractor's operation shall be removed from the Project site at the end of each working day and properly disposed of outside the right-of-way.

The Contractor shall clean the Project site daily when work is completed, including the raking of leaves, twigs, chips, etc. from sidewalk and the sweeping of street.

When work is being performed within 10 feet of a traffic lane, dust and residue from preparation and cleaning shall be removed or controlled by vacuum, water spray, or shield methods to be approved by the Engineer.

300-1.4 Payment.

Replace the first sentence of the first paragraph with the following:

Payment for clearing and grubbing not covered by a specific Bid item, will be made at the lump sum Bid price for "CLEARING AND GRUBBING."

300-1.6 Construction and Demolition Debris Recycling.

300-1.6.1 General.

Consistent with the Agency's efforts to comply with the California Integrated Waste Management Act of 1989 (AB 939), the Contractor shall attempt to reduce, reuse, and/or recycle at least 50 percent by weight or volume or to the maximum extent feasible, the construction and demolition debris (debris) generated by this Contract thereby diverting the debris from disposal facilities, saving landfill space, and conserving virgin materials and natural resources.

300-1.6.2 Definitions.

Construction and Demolition Debris (Debris) - materials resulting from building, construction or demolition-related activities such as excavation, grading, land clearing, renovation, repair, road work and site cleanup which are considered solid waste pursuant to Section 40191 of the California Public Resources Code. The materials include, but are not limited to, asphalt, brick, cardboard, carpet, cinder block, concrete,

concrete with reinforcement bars, drywall, excavated materials, fixtures and fittings, glass, gravel, green waste, metal, mixed rubble, packaging materials, paper, plastics, porcelain, road work materials, roofing materials, rock, sand, site clearance materials, soil, trees, tree stumps and other vegetative matter, stones, and wood waste.

Deconstruction - the process of carefully dismantling a structure, piece by piece prior to or instead of conventional demolition, to maximize the recovery of building materials for reuse and/or recycling.

Delivery Site - a recycling facility as defined in Subsection E.14 and recycling or reuse site as defined in Subsection E.15 or any place, including a transfer station as defined in Subsection E.20 where the debris is delivered for the sole purpose of reuse and/or recycling in a manner acceptable to the Agency.

Disposal - the process of disposing of debris at a Disposal Facility.

Disposal Facility - a Landfill or any location where the debris is taken for "Transformation" as defined.

Generation - the quantity of debris produced by the Work before the debris is reused and/or recycled.

Green Waste - all vegetative cuttings, shrubs, stumps, logs, brush, tree trimmings, grass, and related materials which have been separated from other solid waste.

Landfill - a solid waste disposal facility that accepts solid waste for land disposal and is operating under a current Solid Waste Facility Permit issued by a local enforcement agency as defined in Section 40130 of the California Public Resources Code and concurred upon by the California Integrated Waste Management Board.

Recyclable - material that still has useful physical or chemical properties after serving its original purpose and that can be reused or re manufactured into additional products.

Recycle or Recycling - the process of collecting, sorting, cleansing, treating, and reconstituting materials that would otherwise become solid waste and returning them to the economic mainstream in the form of raw materials for new, reused, or reconstituted products which meet the quality standards necessary to be used in the marketplace, and in a manner acceptable to the Agency. "Recycle" or "Recycling" does not include Transformation.

Recycling Facility - any facility (except a transformation facility) whose principal function is to receive, store, convert, separate, or transfer recyclable materials for processing.

Recycling or Reuse Site - any place other than a recycling facility acceptable to the Agency for recycling and/or reuse of debris.

Reduce - any action which causes a net reduction in the generation and/or disposal of solid waste.

Reuse - the use, in the form as it was produced, and in a manner acceptable to the Agency of material which might otherwise be discarded into a Disposal Facility.

Site Clearance Material - materials such as trees, brush, earth, mixed concrete, rubble, sand, steel, extraneous paper, plastics, and other waste materials generated from site clearance.

Source Separation - the segregation, by the generator, of materials designated for separate collection for materials recovery or special handling.

Transfer Station - a facility utilized to receive solid wastes and to temporarily store, separate, convert, or otherwise process the materials in the solid wastes, and/or to transfer the solid wastes directly from smaller to larger vehicles or railroad trains for transport.

Transformation - incineration, pyrolysis, distillation, gasification, or biological conversion other than composting.

Wood Waste - solid waste consisting of wood pieces or particles which are generated from the manufacturing or production of wood products, harvesting, processing or storage of raw wood materials, or construction or demolition activities.

300-1.6.3 Recycling Summary.

The Contractor shall prepare and submit a Recycling Summary report using the form included as Attachment 1 summarizing the disposal, reuse, and/or recycling activities which occurred throughout the Contract duration. This report shall be first faxed to the number shown on the report and also submitted to the Agency within 30 Days after Field Acceptance of the Work.

Failure of the Contractor to submit the Recycling Summary within the time specified will result in damages being sustained by the Agency. Such damages are, and will continue to be, impracticable and extremely difficult to determine. For failure to submit the Recycling Summary within the time specified, the Contractor shall pay to the Agency, or have withheld from monies due it, the sum of \$10,000.

Execution of the Contract shall constitute agreement by the Agency and Contractor that \$10,000 is the minimum value of the costs and actual damage caused by the failure of the Contractor to submit the Recycling Summary within the time specified. Such sum is liquidated damages and shall not be construed as a penalty, and may be deducted from payments due the Contractor.

300-1.6.4 Payment.

Payment for construction and demolition debris recycling shall be considered as included in the Contract Unit Price for the various Bid items. As part of the Recycling Summary report, the Contractor shall fill in the blank after the "Construction Demolition and Debris Recycling Requirements Cost:" This cost shall be the incremental cost of complying with the aforementioned requirements. This cost will be used for information gathering purposes only and not for purposes of payment to the Contractor.

SECTION 304 - METAL FABRICATION AND CONSTRUCTION

304-1 STRUCTURAL STEEL.

304-1.12 Measurement and Payment. 304-1.12.4 Payment.

Replace the entire subsection with the following:

Payment for doing all work involved under Welding, complete in place, shall be considered as included in the Contract Unit Prices in the Bid Items for which welding is performed.

Payment for miscellaneous metal including steel plates, complete in place, shall be considered as included in the Contract Unit Price for the Final Pay Quantity for "MISCELLANEOUS METAL (9"x9"x3/4")."

Add the following subsection:

304-6 CHAIN LINK RAILING.

304-6.1 General.

Give wire ties at least 1 complete turn. Bend the wire tie ends away from pedestrian traffic.

Tighten truss rods and cables with turnbuckles or other fittings.

Install a thimble at each cable loop.

Stretch and fasten the chain link fabric securely to the posts, other members, and tension wires. Stretch the tension wires tightly.

Wherever necessary to conform to horizontal or vertical curvature, rework and fit the fabric to present a smooth, neat, and workmanlike appearance.

303-6.2 Drill and Bond. Drilling and bonding threaded rods shall conform to the Manufacturer's installation, and these Special Provisions.

For drill and bond threaded rods, drill the holes without damaging the adjacent concrete. If reinforcement is encountered during drilling before the specified depth is attained, the Engineer shall be notified. Unless the Engineer approves coring through the reinforcement, the hole will be rejected and a new hole, in which reinforcement is not encountered, shall be drilled adjacent to the rejected hole to the depth shown on the Plans. Rejected holes shall be patched with epoxy mortar.

304-6.3 Measurement and Payment.

Chain Link railing will be measured by the linear foot from end to end along the face of the railing.

Payment for chain link railing, complete in place, shall be considered as included in the Contract Unit Price in the Bid for "CHAIN LINK RAILING TYPE 7 (MODIFIED)."

Full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in drill and bond, including drilling the holes, drilling through reinforcement when approved by the Engineer, patching rejected holes, and bonding the threaded rods, complete in place, shall be considered as included in the Contract Unit Price for the Final Pay Quantity in the Bid item "DRILL AND BOND THREADED ROD."

PART 6 – TEMPORARY TRAFFIC CONTROL

SECTION 600 – ACCESS

600-1 GENERAL.

Add the following:

In the event that any street must be closed, request must be received by the Engineer for approval and the following parties shall be notified at least 48 hours in advance:

- | | | |
|----|--------------------------------|----------------|
| a. | Public Works Department | (818) 898-1293 |
| | Manuel Fabian | (818) 898-1243 |
| b. | San Fernando Police Department | (818) 898-1267 |
| c. | Los Angeles Fire Department | (818) 989-8561 |
| d. | Mauran Ambulance | (818) 365-3182 |
| e. | Los Angeles County Metro | (213) 922-4632 |

The Contractor shall contract the Agency's Public Works Department at least 48 hours in advance of a partial road closure and must receive approval from the Engineer.

The Contractor may choose to comply with the requirements of latest WATCH (Work Area Traffic Control Handbook) or CA MUTCD 2014 (California Manual on Uniform Traffic Control Devices), Revision 6 in providing devices and signage for pedestrian and vehicular traffic. The Contractor shall provide flagmen as necessary.

Overnight parking of construction equipment in the project site shall comply with the Agency parking restriction/regulations. Contractor shall provide adequate flashing barricades.

SECTION 601 – TEMPORARY TRAFFIC CONTROL FOR CONSTRUCTION AND MAINTENACE WORK ZONES

601-1 GENERAL.

Add the following:

The Contractor shall implement any measures requested by the City Engineer, as deemed necessary to ensure the proper flow of traffic and the protection of the public and the safety of the workers. The Contractor shall maintain, at all times, the ability to respond to calls from the San Fernando Police Department during non-working hours to replace or provide additional traffic control or safety devices as shall be required by the Police Department.

601-2 TEMPORARY TRAFFIC CONTROL PLANS (TCP).

601-2.1 General.

Replace the first sentence with the following:

The contract documents include temporary traffic control plans. In the event the Contractor determines modifications are required to implement the Contractor's proposed work schedule the Contractor shall submit a modified TCP in accordance with 3-8.2.

601-2.2 Payment.

Replace the section with the following:

Payment for preparation of a modified TCP shall be considered as included in the Bid under the Lump Sum Bid Price for "Traffic Control per California MUTCD W/ Lane Closure," which includes preparation of modified traffic control plans, full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in placing and maintaining temporary pedestrian paths of travel and placing, removing, storing, maintaining, moving to new locations, replacing, and disposing of the components of traffic control system as specified in Part 6. The lump sum price shall also include all associated temporary signs, flashing arrow signs, flagging and/or flagmen, and project notifications.

601-1 TEMPORARY TRAFFIC CONTROL (TTC) ZONE DEVICES.

601-3.5 Signs and Signage

601-3.5.1 General.

Replace the second sentence in the third paragraph with the following:

When parking restrictions are required to perform the Work, the Contractor must notify the Agency's Public Works Department and Police Department at least 24 hours in advance. Signs must be posted at least 24 hours, and no more than 48 hours, in advance. Signs must include "NO PARKING" with the dates for which parking restrictions are to be in place and must cite CVC Section 22651 (L). Temporary no parking signs shall be removed as soon as the Work requiring parking restrictions is completed.

601-3.5.2 Payment.

Replace the section with the following:

Payment for signs and signage for temporary traffic control shall be considered as included in the Bid under the Lump Sum Bid Price for "Traffic Control per California MUTCD W/ Lane Closure," which includes overall traffic control, as further defined in 601- 2.2.

601-3.6 Channelizing Devices.

601-3.6.6 Measurement.

Replace the entire subsection with the following:

Cones, tubular markers, channelizers, drums, barricades, temporary traffic barriers, and end treatments will not be measured separately for payment.

601.3.6.7 Payment.

Replace the entire subsection with the following:

No separate or additional payment will be made for cones, tubular markers, channelizers, drums, barricades, temporary traffic barriers, and end treatments, as they shall be considered as included in the Bid under the Lump Sum Bid Price for "Traffic Control Per California MUTCD W/ Lane Closure," which includes overall traffic control, as further defined in 601-2.2.

601-3.7.4 Warning Lights.

601-3.7.8 Measurement.

Replace the entire subsection with the following:

Flags, high-level warning devices, warning lights, flashing directional bars, PCMS, and flashing arrow signs will not be measured separately for payment.

601.3.7.9 Payment.

Replace the entire subsection with the following:

No separate or additional payment will be made for flags, high-level warning devices, warning lights, flashing directional bars, PCMS, and flashing arrow signs, as they shall be considered as included in the Bid under the Lump Sum Bid Price for "Traffic Control Per California MUTCD W/ Lane Closure," which includes overall traffic control, as further defined in 601-2.2.

601-4 TEMPORARY TRAFFIC STRIPING AND PAVEMENT MARKINGS.

601-4.5 Payment.

Add the following:

Temporary traffic striping and pavement markings included in the Contractor-developed TCP shall be included in the Bid under the Lump Sum Bid Price for "Traffic Control Per California MUTCD W/ Lane Closure," which includes overall traffic control, as further defined in 601-2.2.

APPENDICES

APPENDIX 1

CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING SUMMARY

Project Information

Check one: ☐ Roadway ☐ Flood Control ☐ Water/Sewer
☐ Traffic Signal/Street Lighting ☐ Bridge/Structure ☐ Other _____

Project Name: _____

Project ID No.: _____

Project Address/Location: _____

Thomas Guide Page/Grid No(s): _____

Resident Engineer/Inspector: _____ Office Engineer: _____

Contractor Information

Company Name: _____

Company Address: _____

Report Prepared by _____ Phone Number: _____

Project Duration: From: _____ **To:** _____

Construction Demolition and Debris Recycling Requirements Cost: \$

Type(s) of Debris Generated	Estimated Quantity Generated (tons, c.y. or units)	Reuse/Recycling		Disposal	
		Estimated Quantity (tons, c.y. or units)	Name of Reuse/Recycling Facility/Site	Estimated Quantity (tons, c.y. or units)	Name of Disposal Facility
Asphalt					
Brick					
Concrete					
Green Waste					
Metal (ferrous)					
Metal (non-ferrous)					
Mixed Debris					
Rock					
Soil					
Wood Waste					
Other:					
Other:					
Total					

Notes:

Other debris types may include, but are not limited to, Ash, Cardboard, Carpeting, Glass, Gravel, Land Clearing Debris, Non-friable Asbestos, Paper, Plastic, Porcelain, Roofing Material, Sand, and Tires. Attach additional sheets if necessary.

If the debris is taken to a transfer station solely for the purpose of reuse/recycling, then list the transfer station as the reuse/recycling facility/site.

If the debris is taken to a transfer station solely for the purpose of transfer to a disposal facility, then list the transfer station as the disposal facility.

Please email this completed form to:

To: City of San Fernando **From:** _____

APPENDIX 2
CONSTRUCTION DOCUMENTS

LOS ANGELES COUNTY PUBLIC WORKS

PEDESTRIAN FENCING

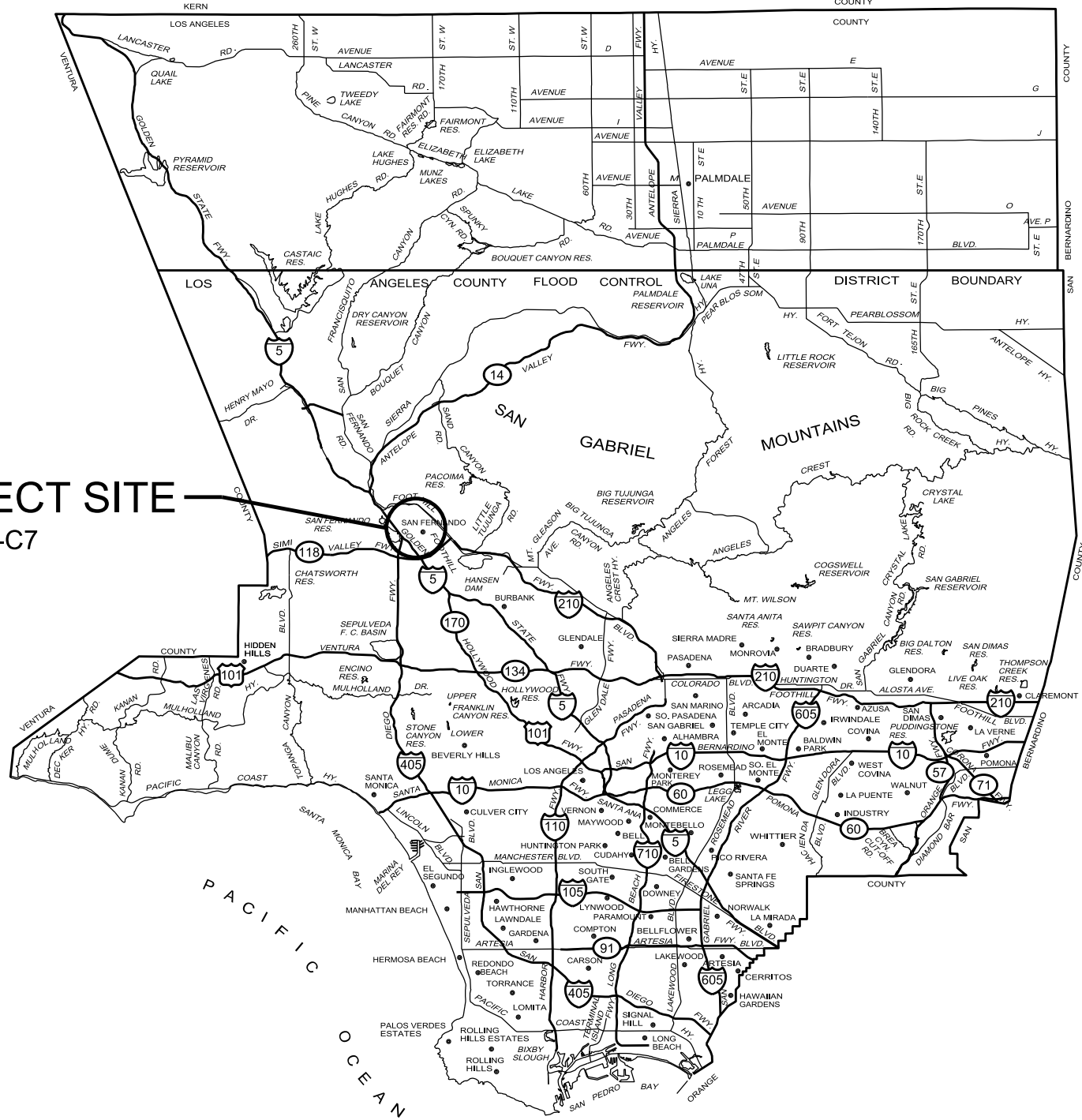
GLENOAKS BOULEVARD BRIDGE

OVER
PACOIMA CREEK

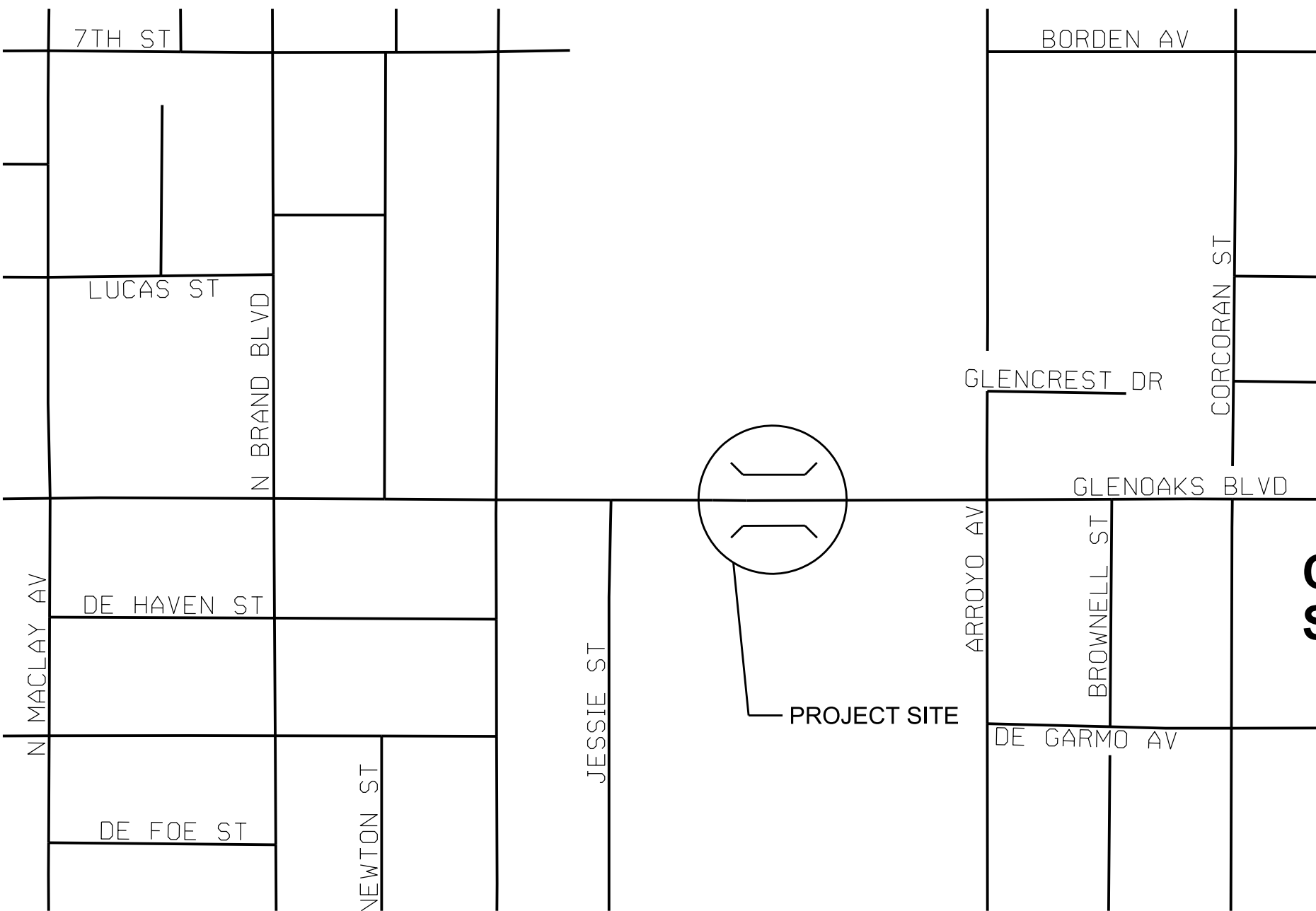
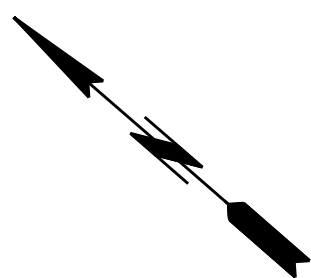
INDEX TO PROJECT PLANS

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES
3	PLAN AND DETAILS
4	CHAIN LINK RAILING TYPE 7 (MODIFIED)

PROJECT SITE
T.G. 482-C7



LOCATION MAP



VICINITY MAP

NOT TO SCALE

CADD PROJECT FILE NAME
Pedestrian Fencing at Glenoaks Blvd Bridge over Pacoima Crk.dgn

CHECKER
B. FATHOLLAHI

DESIGNER
K.YAMAK

DRAFTER
K.YAMAK



APPROVED BY:

CITY OF San Fernando

DATE

DATE	MARK	DESCRIPTION
REVISIONS		



Bahman Fathollahi
PROJECT ENGINEER

4/13/2022
DATE

PRIME CONTRACTOR LICENSE REQUIRED: CLASS A

LOS ANGELES COUNTY PUBLIC WORKS

PEDESTRIAN FENCING
GLENOAKS BOULEVARD BRIDGE
OVER
PACOIMA CREEK
TITLE SHEET

DWG

PCA R01SF2728

SHEET 1 OF 4

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STARTING CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
2. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DRAWINGS.
3. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
4. ALL WORK SHALL CONFORM TO THE STANDARDS OF THE CODES AS PER PROJECT DESIGN CRITERIA INCLUDING THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH (DIRDOSH), AND THOSE CODES AND STANDARDS LISTED IN THESE NOTES AND SPECIFICATIONS.
5. THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING AND SHORING. OBSERVATION VISITS TO THE SITE BY THE ENGINEER SHALL NOT CONSTITUTE APPROVAL OF THE ABOVE ITEMS.
6. SPECIFICATIONS, CODES, AND STANDARDS NOTED IN THE CONTRACT STRUCTURAL DRAWINGS AND SPECIFICATIONS SHALL BE OF THE LATEST APPROVED ISSUE, INCLUDING SUPPLEMENTS, UNLESS OTHERWISE NOTED. MATERIAL SPECIFICATIONS ARE ASTM LATEST EDITION.
7. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS OR ROOFS. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH OR WHERE OVERLOAD IS ANTICIPATED.

1. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" (AISC 360-16) AND SUPPLEMENTS, AND ASTM A6.
2. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A572, GRADE 50, UNLESS OTHERWISE NOTED. ALL STEEL TUBES SHALL CONFORM TO ASTM A500, GRADE C ($F_y = 50,000$ PSI). ALL STEEL ANGLES SHALL CONFORM TO ASTM A36 ($F_y = 36,000$ PSI). ALL STEEL PLATES AND BARS SHALL CONFORM TO ASTM A36 ($F_y = 36,000$ PSI). ALL STEEL BOLTS SHALL CONFORM TO ASTM A307. ALL WASHERS SHALL CONFORM TO ASTM F844.
3. THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP DRAWINGS FOR ALL STEEL FOR STRUCTURAL ENGINEER'S REVIEW BEFORE FABRICATION.
4. ALL WELDS SHALL BE PREQUALIFIED IN CONFORMANCE WITH THE CODE FOR WELDING IN BUILDING CONSTRUCTION (AWS D1.1, 2015 EDITION) OF THE AMERICAN WELDING SOCIETY. ELECTRODES TO BE E70 SERIES UNLESS NOTED OTHERWISE.
5. ALL WELDS OF TUBE SHAPES SHALL ASSURE A HERMETIC CONNECTION.
6. THE CONTRACTOR SHALL REVIEW ALL WELDING DETAILS FOR ACCESSIBILITY. ANY WELD INDICATED AS A SHOP WELD MAY BE WELDED IN THE FIELD WITH APPROVED WELD PROCEDURES AND INSPECTION. ANY WELD INDICATED AS A FIELD WELD MAY BE SHOP WELDED WITH APPROVED WELD PROCEDURES AND INSPECTION.
7. PROVIDE PERIODIC SPECIAL INSPECTION FOR ALL FIELD AND SHOP WELDING IN ACCORDANCE WITH THE LOS ANGELES COUNTY BUILDING CODE SECTION 1705.12.3. WELDING INSPECTOR SHALL BE AWS CERTIFIED WELDING INSPECTOR APPROVED BY CITY OF SAN FERNANDO.
8. BURNING OF HOLES FOR CONNECTION IS NOT PERMITTED.
9. BOLT HOLES IN STEEL SHALL BE 1/16 INCH LARGER IN DIAMETER THAN NOMINAL SIZE OF BOLT USED, UNLESS NOTED OTHERWISE.

1. SPECIAL INSPECTION IS REQUIRED AND SHALL CONFORM TO THE 2017 COUNTY OF LOS ANGELES BUILDING CODE SECTION 1704.
2. THE SPECIAL INSPECTOR MAY BE EMPLOYED BY THE OWNER OR THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE ACTING AS THE OWNER'S AGENT TO PROVIDE INSPECTIONS DURING CONSTRUCTION ON THE TYPES OF WORK LISTED UNDER SECTION 1704.
3. IT IS THE RESPONSIBILITY OF THE SPECIAL INSPECTOR TO REVIEW STRUCTURAL DETAILS AND PERFORM INSPECTIONS TO VERIFY COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS. THE SPECIAL INSPECTOR SHALL KEEP ACCURATE RECORDS OF INSPECTIONS AND FURNISH INSPECTION REPORTS TO BUILDING OFFICIAL AND REGISTERED DESIGN PROFESSIONAL.
4. IT IS THE RESPONSIBILITY OF THE SPECIAL INSPECTOR TO NOTIFY THE CONTRACTOR OF ANY OBSERVED DISCREPANCIES FOR CORRECTION. THE SPECIAL INSPECTOR SHALL NOTIFY ANY UNCORRECTED DISCREPANCIES AND SUBMIT THE FINAL INSPECTION REPORT TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL.
5. SPECIAL INSPECTION BY A CERTIFIED INSPECTOR APPROVED BY THE CITY OF SAN FERNANDO IS REQUIRED FOR THE FOLLOWING SCOPE OF WORK APPLICABLE FOR THE PROJECT.

DESIGN CODES:	American Association of State Highway and Transportation Officials (AASHTO) LRFD Bridge Design Specifications 6th Edition
	American Concrete Institute Building Code Requirements for Structural Concrete (ACI 318-14) and Commentaries (ACI 318R-08)
	American Institute of Steel Construction Specification for Structural Steel Buildings (AISC 360-16)
DESIGN LOADS:	Wind Design Load: 15 psf

STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2018 EDITION

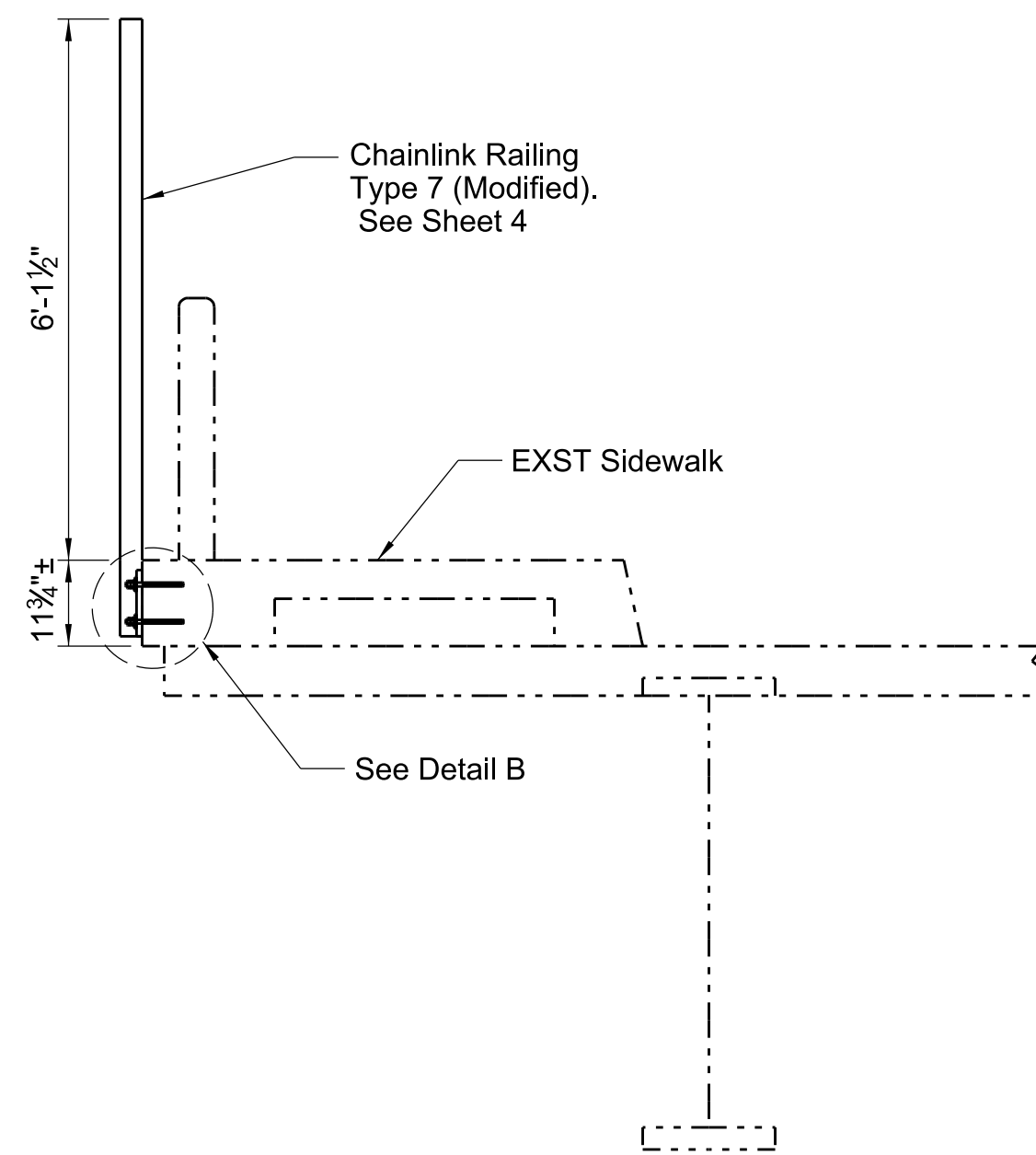
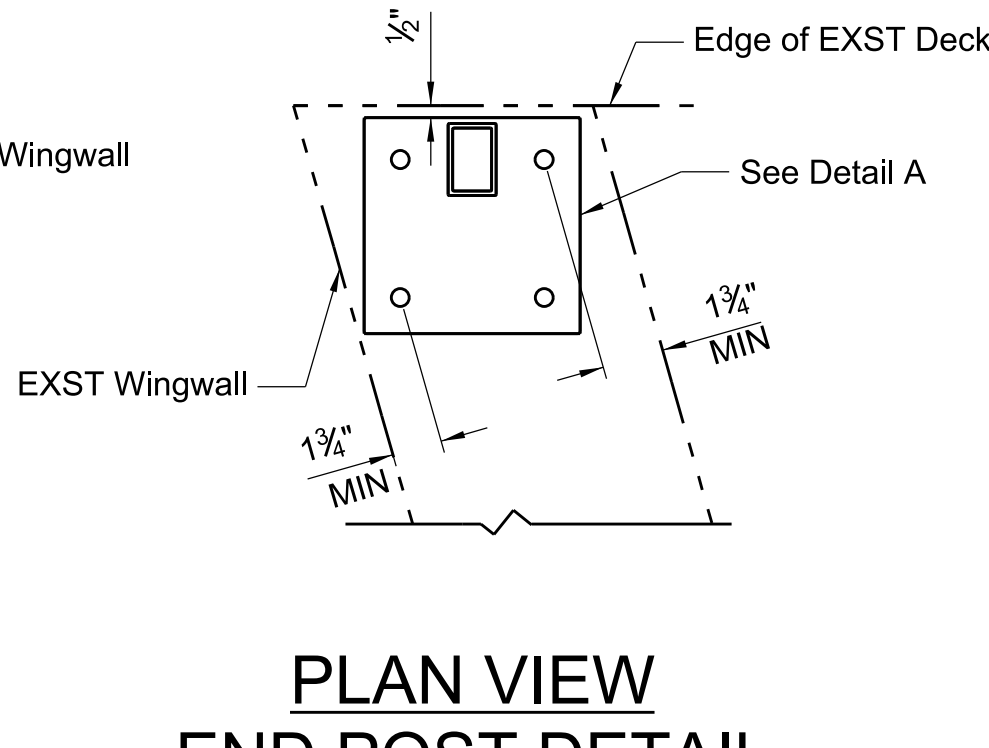
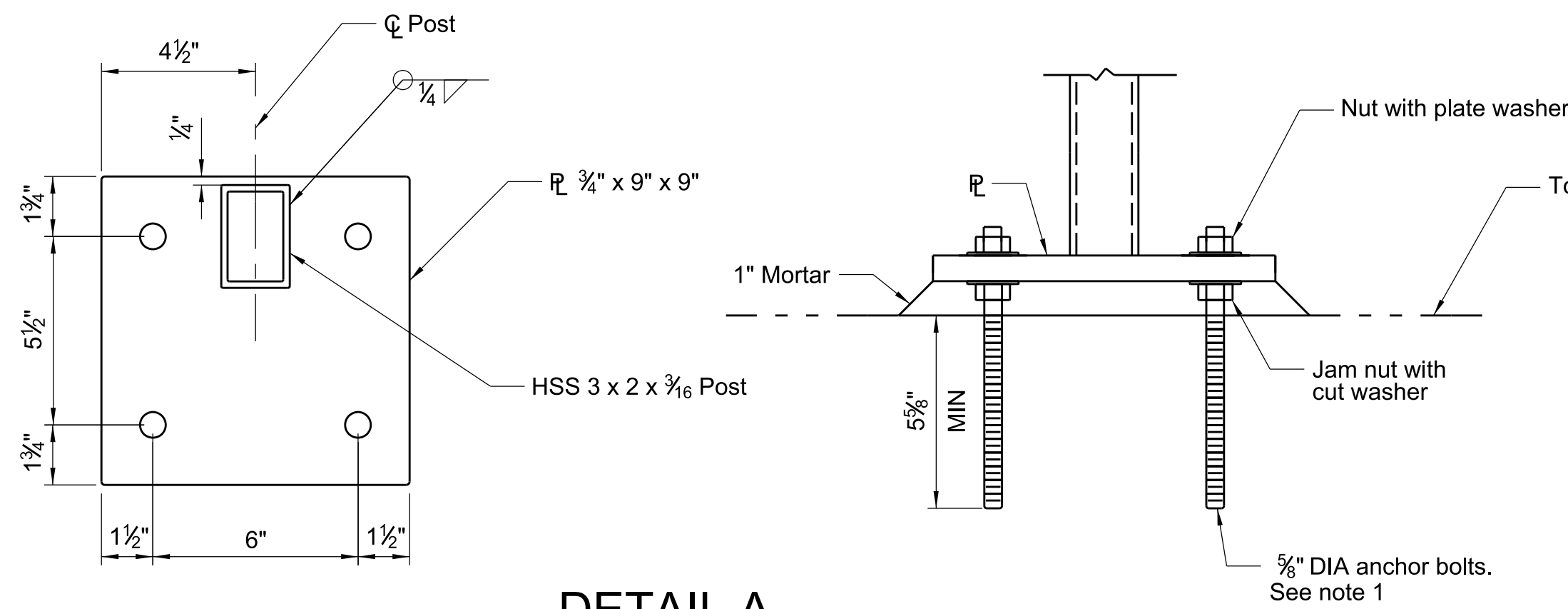
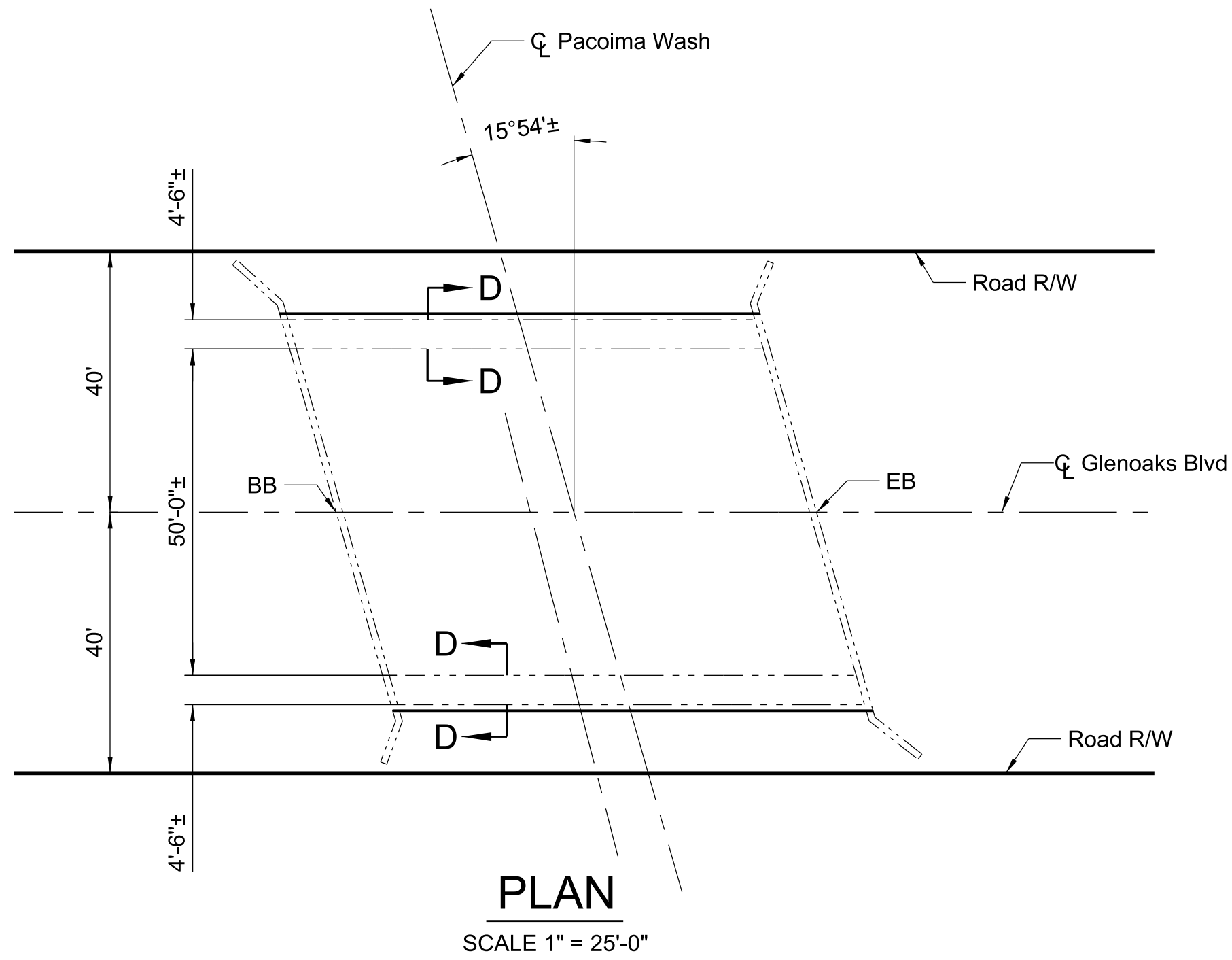
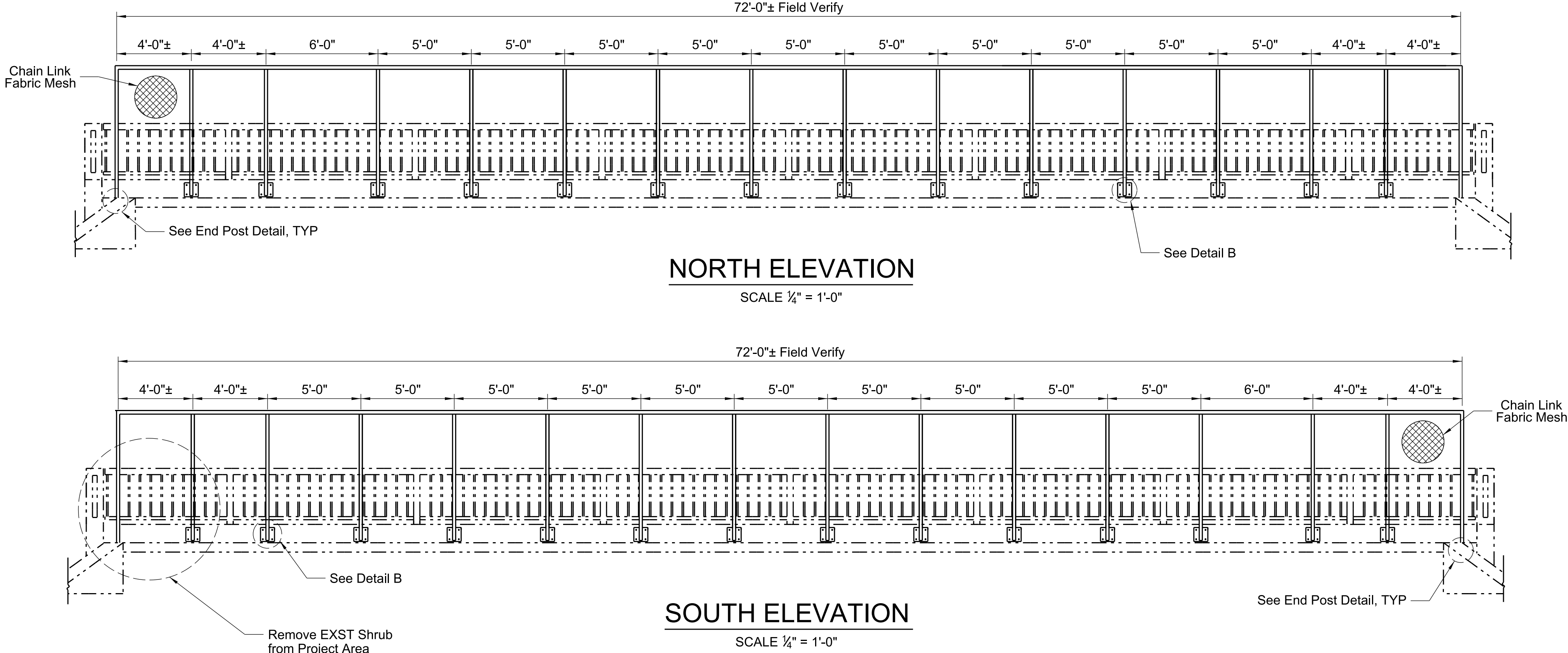
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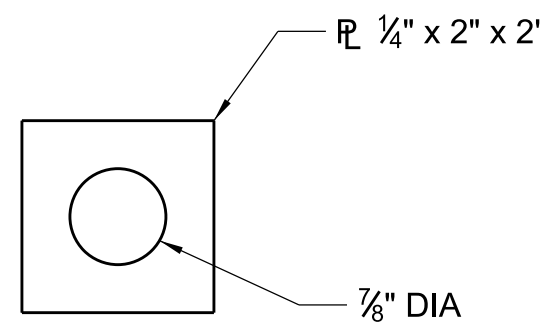
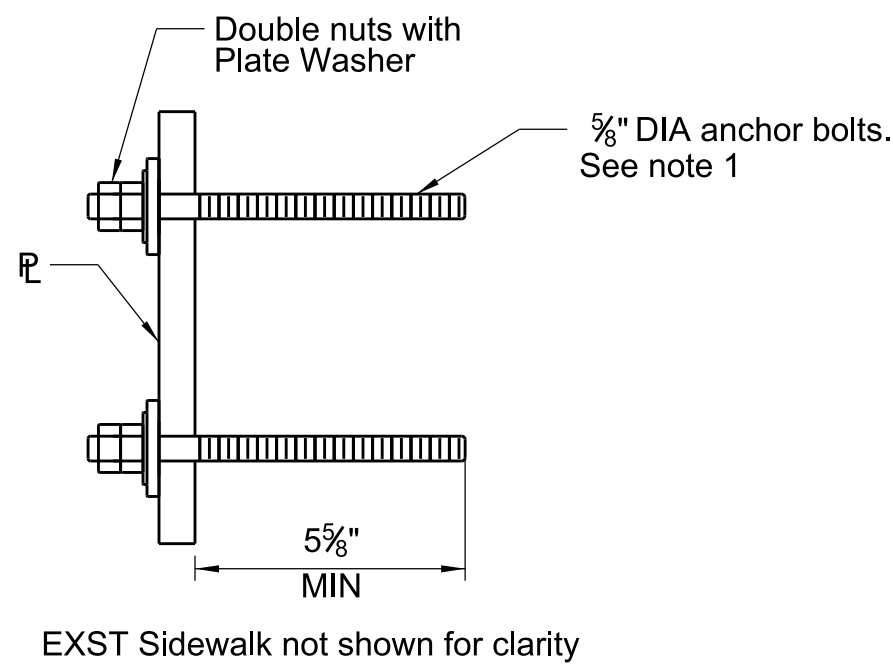
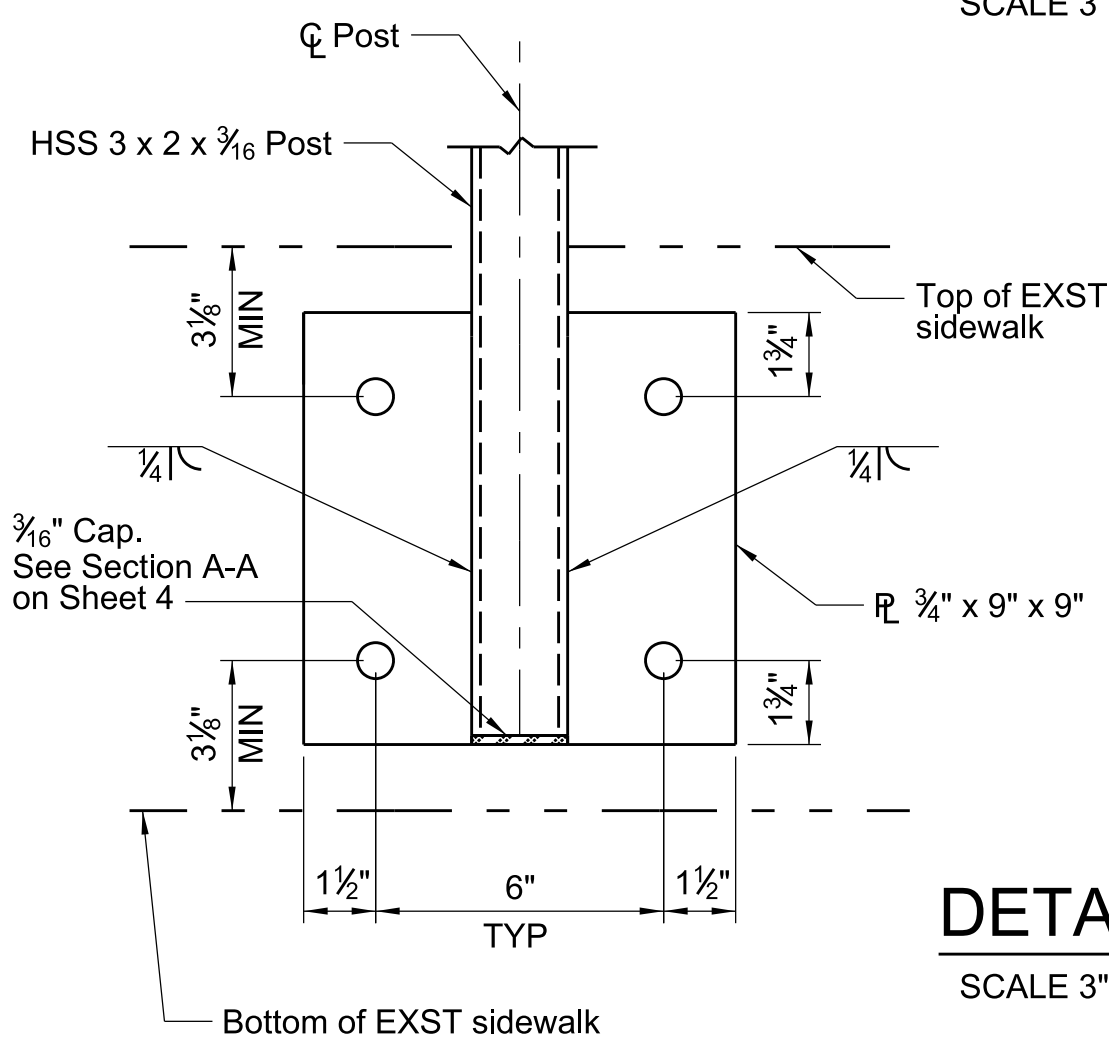
CHECKER
B.FATHOLLAHI

DESIGNER
K.YAMAK

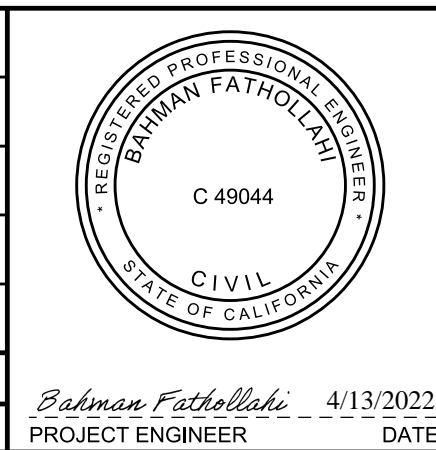
DRAFTER
K.YAMAK



- NOTES:**
- Anchor bolts shall be HiTi HIT-ICE Adhesive with stainless steel HAS-R304 threaded rod or approved equal.
 - Installation procedure must comply with manufacturer's specifications. Reduce installation torque per manufacturer's specifications for edge distances less than 3 1/2".
 - All steel must be galvanized after fabrication.
 - Resin capsule bolt anchors must be installed in sound concrete free of cracks or delamination.
 - Resin capsule bolts must not interfere with existing reinforcement.



DATE	MARK	DESCRIPTION
REVISIONS		



LOS ANGELES COUNTY PUBLIC WORKS		
PEDESTRIAN FENCING GLENOAKS BOULEVARD BRIDGE OVER PACOIMA CREEK PLAN AND DETAILS		
DWG	PCA R01SF2728	SHEET 3 OF 4

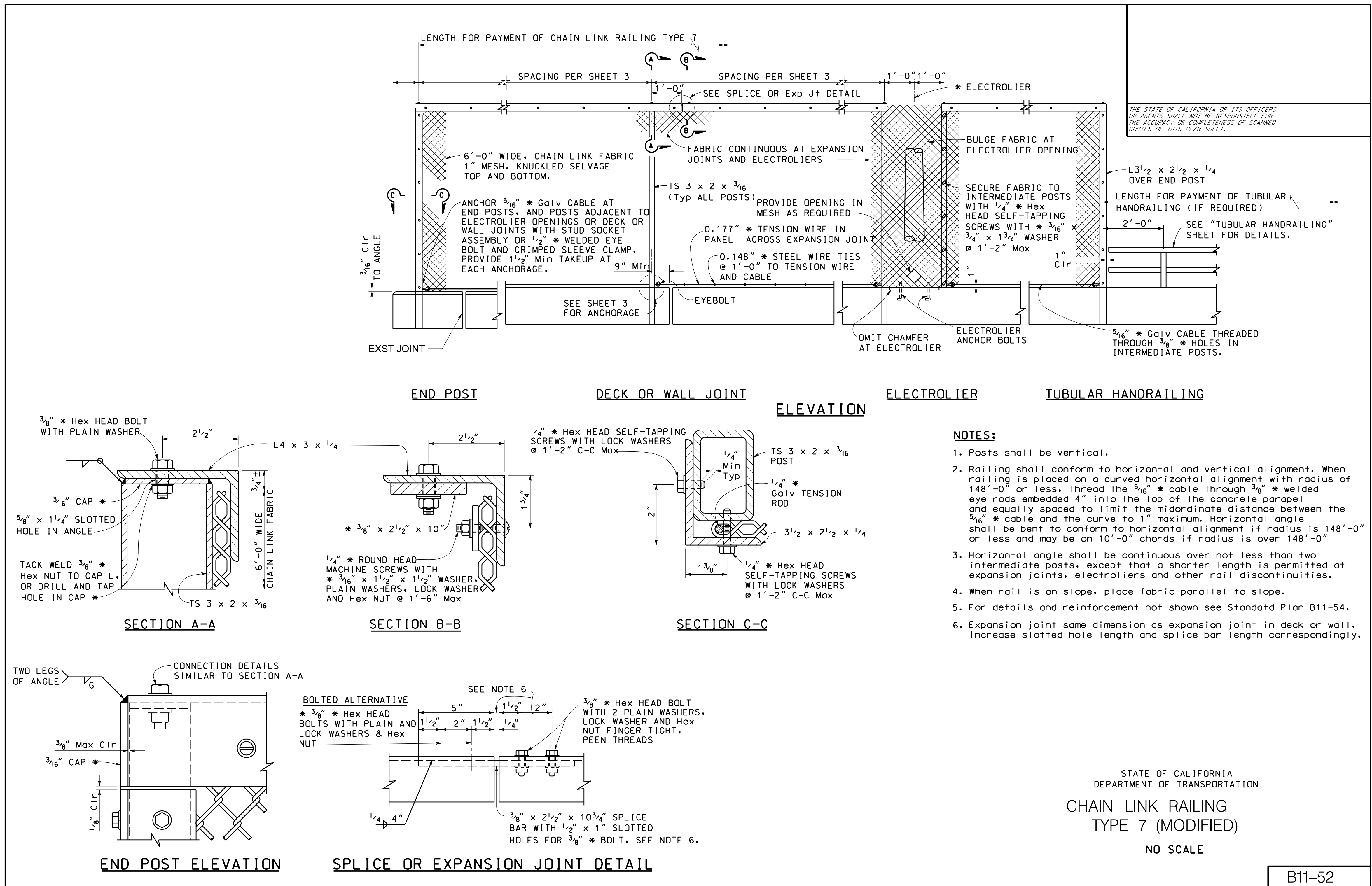
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Pedestrian Fencing at Glenoaks Blvd Bridge over Pacoima Crk.dgn

CHECKER
B. FATHOLLAHI

DESIGNER
K. YAMAK

DRAFTER
K. YAMAK

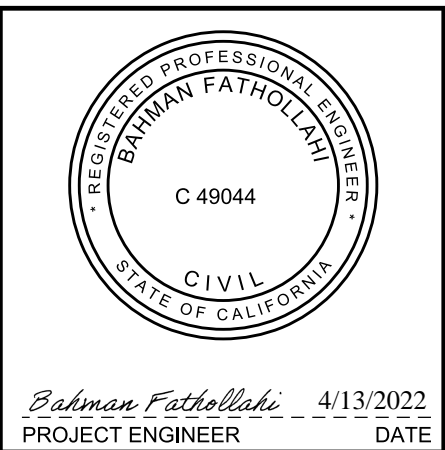
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2018 STANDARD PLAN B11-52

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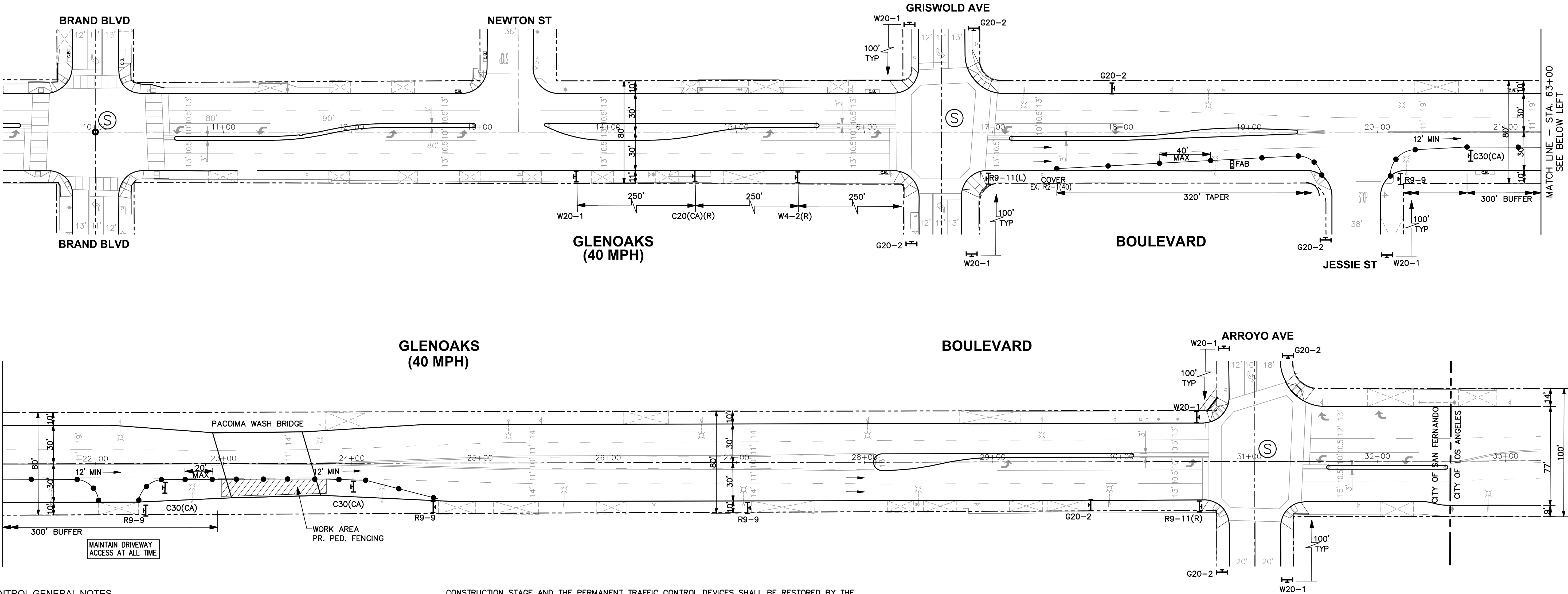
DATE	MARK	DESCRIPTION
REVISIONS		



LOS ANGELES COUNTY PUBLIC WORKS		
PEDESTRIAN FENCING GLENOKS BOULEVARD BRIDGE OVER PACOIMA CREEK CHAIN LINK RAILING TYPE 7 (MODIFIED)		
DWG	PCA R012SF2728	SHEET 4 OF 4

APPENDIX 3
TRAFFIC CONTROL PLAN – PHASE I AND PHASE II

Directory Path: W:\VE-CA\San Fernando, City of\111335 SANFER Pedestrian Fence - Glenoaks Blvd\900_P53&E\901 Plans\PL-T04F CNTL-01.dwg, Date: 04/26/22



TRAFFIC CONTROL GENERAL NOTES

- ALL SIGNS, DELINEATORS, BARRICADES, ETC. SHALL CONFORM TO THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS (2018) AND TO THE STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) 2014, REVISION 6.
- ALL ADVANCE WARNING SIGNS SHALL BE 48"x48" MINIMUM ON HIGHWAYS WITH APPROACH SPEED OF 45 MPH OR MORE.
- EACH ADVANCE WARNING SIGN SHALL BE EQUIPPED WITH AT LEAST TWO FLAGS FOR DAYTIME CLOSURE. EACH FLAG SHALL BE AT LEAST 16"x16" IN SIZE AND SHALL BE ORANGE OR FLUORESCENT RED-ORANGE IN COLOR. FLASHING BEACONS SHALL BE PLACED AT THE LOCATIONS INDICATED FOR LANE CLOSURE DURING HOURS OF DARKNESS.
- THE AGENCY RESERVES THE RIGHT TO OBSERVE THESE TRAFFIC CONTROL PLANS IN USE AND TO MAKE THE NECESSARY CHANGES AS FIELD CONDITIONS WARRANT. ANY CHANGES SHALL SUPERCEDE THESE PLANS.
- THE CONTRACTOR SHALL NOTIFY ANY AFFECTED TRANSIT SERVICES, FIRE, AND POLICE SERVING THE AREA AT LEAST 14 DAYS PRIOR TO EACH CONSTRUCTION STAGE.
- THE CONTRACTOR SHALL PROVIDE FLAGGERS AS NECESSARY TO GIVE ADEQUATE WARNING TO ROAD USERS OF ANY CHANGED FIELD CONDITIONS TO BE ENCOUNTERED.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE SAND BAGGED IN PLACE OR DOUBLE BASED FOR PROTECTION AGAINST THE WIND.
- ALL TRAFFIC CONTROL SIGNS INSTALLED IN SIDEWALK AREAS SHALL EITHER BE SECURED TO AN EXISTING STREET LIGHT STANDARD OR PLACED ON A SEPARATE POST WITH A MINIMUM 7" CLEARANCE TO THE BOTTOM OF THE SIGN.
- ALL FLASHING ARROW SIGNS SHALL BE SOLAR POWERED.
- ALL SIGNS SHALL BE RETROREFLECTIVE AND STANDARD SIZE.
- THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SIGNING, BARRICADING, DELINEATORS, FLASHING ARROW SIGN, AND CHANGEABLE MESSAGE SIGN AS SHOWN ON PLANS.
- DELINEATORS SHALL BE SPACED AT 20' O.C. WITHIN 300' OF AN INTERSECTION.
- MAINTAIN A MINIMUM OF 2FT BUFFER BETWEEN THE WORK AREA AND TRAVEL LANE.
- ALL OPEN EXCAVATION OR CONSTRUCTION WORK SHALL BE A MINIMUM OF 5' FROM ANY OPERATING TRAFFIC LANES, UNLESS TEMPORARY RAILINGS, K-RAILS, AND CRASH CUSHIONS ARE INSTALLED.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE REMOVED FOLLOWING COMPLETION OR EACH

- CONSTRUCTION STAGE AND THE PERMANENT TRAFFIC CONTROL DEVICES SHALL BE RESTORED BY THE CONTRACTOR UPON REMOVAL OF TEMPORARY TRAFFIC CONTROL DEVICES. INCLUDING TEMPORARY STRIPING AND PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL POST UNEVEN PAVEMENT MARKING SIGNS AND RAMP VERTICAL PAVEMENT OFFSET OF 1 INCH OR MORE ASPHALT FOR SMOOTH TRANSITION.
 - THE CONTRACTOR SHALL COORDINATE WITH CITY OF SAN FERNANDO, PUBLIC WORKS, TRAFFIC SAFETY AND TRAFFIC DEPARTMENT, FOR ANY TEMPORARY TRAFFIC SIGNAL MODIFICATIONS WITHIN CITY JURISDICTION.
 - THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING THE TRAFFIC CONTROL SYSTEMS SHOWN ON THESE PLANS. IN THE EVENT THAT THERE ARE CHANGES IN THESE PLANS THAT NEED TO BE MADE DUE TO CHANGE FIELD CONDITION DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE IN MAKING THE NECESSARY CHANGES ON THESE PLANS WHERE APPLICABLE WITH THE APPROVAL OF THE ENGINEER.
 - EXACT LOCATION AND TYPE OF CONSTRUCTION SIGN(S) SHALL BE DIRECTED BY THE ENGINEER BASED UPON CONSTRUCTION CONDITIONS.
 - ALL CONFLICTING SIGNS SHALL BE COVERED DURING CONSTRUCTION. COVERS SHALL BE REMOVED AT COMPLETION OF CONSTRUCTION.
 - ACCESS TO EXISTING BUSINESSES, RESIDENCES, AND SIDE STREETS SHALL BE PROVIDED.
 - THE CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS FOR LIMITED DRIVEWAY ACCESS.
 - CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO ADJUTING PROPERTY OWNERS. NO PARKING SIGNS SHALL BE POSTED 48 HOURS IN ADVANCE PRIOR TO THE START OF EACH "TEMPORARY NO PARKING" RESTRICTION.
 - THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AN WALKWAYS OF EACH INTERSECTION, INCLUDING SCHOOL CROSSING GUARD ACTIVITIES, AS DIRECTED BY THE ENGINEER. TEMPORARY PEDESTRIAN ACCESS SHALL BE 5FT MINIMUM WIDTH.
 - THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES.
 - AT FOUR (4) LEGS CROSSWALK, THE CONTRACTOR SHALL MAINTAIN THREE LEGS OF THE CROSSWALK TO PEDESTRIANS AT ALL TIMES. CONTRACTOR SHALL PROVIDE PEDESTRIAN SIGNS, SUCH AS R9-3 AND R-3BP TO DETOUR PEDESTRIAN AROUND THE WORK ZONE AREA.
 - COVER TRENCHES WITH STEEL PLATES DURING NON-WORKING HOURS. STEEL PLATES SHALL BE PLACED SO THAT THEY DO NOT MOVE OR MAKE NOISE WHEN VEHICLE PASS OVER THEM. PLATES SHALL BE SKID RESISTANT. WHEREVER POSSIBLE, STEEL PLATES SHALL BE RECESSED INTO THE PAVEMENT. PLATES WHICH EXTEND MORE THAN ONE-HALF (1/2) INCH ABOVE THE SURROUNDING PAVEMENT SHALL BE RAMPED WITH TEMPORARY PAVEMENT WITH A SLOPE NOT LESS THAN ONE(1) VERTICAL TO FOUR(4) HORIZONTAL(1:4) IN ALL DIRECTIONS. WARNING SIGNS W8-24 "STEEL PLATE AHEAD" SIGNS SHALL BE PLACED ON ALL APPROACHES TO STEEL PLATES.

- ALL RESIDENTIAL/COMMERCIAL DRIVEWAYS SHALL BE KEPT OPEN AT ALL TIMES EXCEPT WHEN CONSTRUCTION TAKES PLACE DIRECTLY IN FRONT OF THE DRIVEWAYS. CONTRACTOR SHALL MAINTAIN DRIVEWAY ACCESS DURING NON-WORKING HOURS BY UTILIZING STEEL PLATE COVERS (ANTI-SKID PLATES) TO THE SATISFACTION OF THE ENGINEER.
- TRAFFIC CONTROL SIGNS ON PORTABLE SIGN SUPPORTS SHALL NOT BLOC ACCESS IN THE TRAVELED WAY OR SIDEWALK AREA.
- ANY FLAGGING OPERATION EXCEEDING 1,000 FEET SHALL REQUIRE PILOT CAR OPERATIONS.
- EACH FLAGGER AND PILOT CAR DRIVER, AND THE ENGINEER SHALL BE EQUIPPED WITH A PORTABLE TWO-WAY RADIO, OR HANDHELD COMMUNICATION DEVICE, FURNISHED BY THE CONTRACTOR.
- PILOT CAR(S) SHALL BE EQUIPPED WITH A SIGN OR CHANGEABLE MESSAGE SIGN WHICH READS, "PILOT CAR FOLLOW ME".
- "TRAFFIC CONTROL FOLLOW PILOT CAR" SIGN SHALL BE POSTED AT EACH INTERSECTING ROAD AND DRIVEWAY.

NOTE: MOTORIST DELAY TIME SHALL NOT EXCEED 15 MINUTES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY STRIPING NOTES

- REMOVE ALL CONFLICTING STRIPING PRIOR TO INSTALLATION OF TEMPORARY TRAFFIC CONTROL PLAN.
- ALL CONFLICTING STRIPES AND PAVEMENT MARKINGS SHALL BE COMPLETELY REMOVED BY GRINDING METHOD AND INCLUDES REMOVAL OF RAISED PAVEMENT MARKERS
- ALL TEMPORARY TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE INSTALLED WITH ONE-COAT PAINT.
- ALL STRIPING AND MARKING SHALL CONFORM TO SECTION 314 OF THE 2018 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- TEMPORARY RAISED REFLECTIVE MARKERS SHALL BE INSTALLED AND MAINTAINED WHEN EXISTING STRIPED ROADWAYS HAVE BEEN REMOVED AND LEFT WITHOUT STRIPING OVERNIGHT.

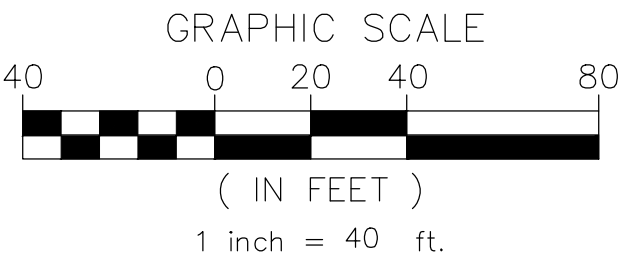
RESTORATION STRIPING NOTES

- THE CONTRACTOR SHALL RESTORE ALL EXISTING STRIPING AND PAVEMENT MARKINGS THAT HAS BEEN DAMAGED DURING CONSTRUCTION PROCESS.

CONSTRUCTION SIGN LEGEND	
W20-1	ROAD WORK AHEAD
C20(CA)(R)	RIGHT LANE CLOSED AHEAD
C30(CA)	LANE CLOSED
G20-2	END ROADWORK
W4-2(R)	RIGHT LANE ENDS
R9-9	SIDEWALK CLOSED
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE

LEGEND

- TEMPORARY SIGN AND POST
- TYPE II BARRICADE
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD (FAB)
- PORTABLE DELINEATOR
- WORK ZONE
- SIGNALIZED INTERSECTION



REVISIONS

REV.	DATE	BY	DESCRIPTION	APP'VD	REV.	DATE	BY	DESCRIPTION	APP'VD

PLANS PREPARED BY:
WILLDAN Engineering
13191 CROSSROADS PARKWAY NORTH
SUITE 405, INDUSTRY, CA 91746
(562) 908-6200
UNDER THE SUPERVISION OF:



JEFFREY C. LAU RCE 83887 DATE
DRAWN BY: MP DESIGNED BY: MP CHECKED BY: JL

SUBMITTED BY:
PATSY OROZCO, CE ASSISTANT II DATE
JEFFREY C. LAU R.C.E. 83887



TRAFFIC CONTROL PLAN - PHASE I
GLENOAKS BOULEVARD
AT PACOIMA WASH BRIDGE

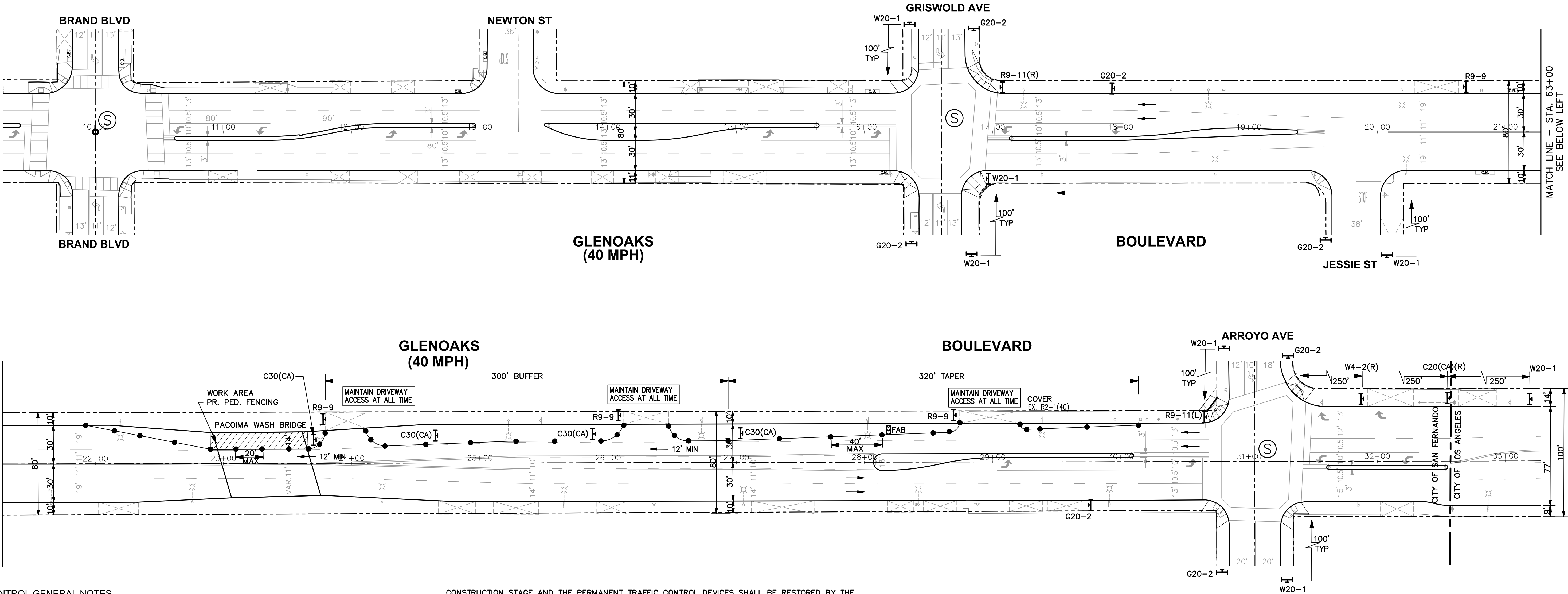
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TRAFFIC CONTROL GENERAL NOTES

- ALL SIGNS, DELINEATORS, BARRICADES, ETC. SHALL CONFORM TO THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS (2018) AND TO THE STATE OF CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) 2014, REVISION 6.
- ALL ADVANCE WARNING SIGNS SHALL BE 48"x48" MINIMUM ON HIGHWAYS WITH APPROACH SPEED OF 45 MPH OR MORE.
- EACH ADVANCE WARNING SIGN SHALL BE EQUIPPED WITH AT LEAST TWO FLAGS FOR DAYTIME CLOSURE. EACH FLAG SHALL BE AT LEAST 16"x16" IN SIZE AND SHALL BE ORANGE OR FLUORESCENT RED-ORANGE IN COLOR. FLASHING BEACONS SHALL BE PLACED AT THE LOCATIONS INDICATED FOR LANE CLOSURE DURING HOURS OF DARKNESS.
- THE AGENCY RESERVES THE RIGHT TO OBSERVE THESE TRAFFIC CONTROL PLANS IN USE AND TO MAKE THE NECESSARY CHANGES AS FIELD CONDITIONS WARRANT. ANY CHANGES SHALL SUPERCEDE THESE PLANS.
- THE CONTRACTOR SHALL NOTIFY ANY AFFECTED TRANSIT SERVICES, FIRE, AND POLICE SERVING THE AREA AT LEAST 14 DAYS PRIOR TO EACH CONSTRUCTION STAGE.
- THE CONTRACTOR SHALL PROVIDE FLAGGERS AS NECESSARY TO GIVE ADEQUATE WARNING TO ROAD USERS OF ANY CHANGED FIELD CONDITIONS TO BE ENCOUNTERED.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE SAND BAGGED IN PLACE OR DOUBLE BASED FOR PROTECTION AGAINST THE WIND.
- ALL TRAFFIC CONTROL SIGNS INSTALLED IN SIDEWALK AREAS SHALL EITHER BE SECURED TO AN EXISTING STREET LIGHT STANDARD OR PLACED ON A SEPARATE POST WITH A MINIMUM 7" CLEARANCE TO THE BOTTOM OF THE SIGN.
- ALL FLASHING ARROW SIGNS SHALL BE SOLAR POWERED.
- ALL SIGNS SHALL BE RETROREFLECTIVE AND STANDARD SIZE.
- THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SIGNING, BARRICADING, DELINEATORS, FLASHING ARROW SIGN, AND CHANGEABLE MESSAGE SIGN AS SHOWN ON PLANS.
- DELINEATORS SHALL BE SPACED AT 20' O.C. WITHIN 300' OF AN INTERSECTION.
- MAINTAIN A MINIMUM OF 2FT BUFFER BETWEEN THE WORK AREA AND TRAVEL LANE.
- ALL OPEN EXCAVATION OR CONSTRUCTION WORK SHALL BE A MINIMUM OF 5' FROM ANY OPERATING TRAFFIC LANES, UNLESS TEMPORARY RAILINGS, K-RAILS, AND CRASH CUSHIONS ARE INSTALLED.
- ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE REMOVED FOLLOWING COMPLETION OR EACH

- CONSTRUCTION STAGE AND THE PERMANENT TRAFFIC CONTROL DEVICES SHALL BE RESTORED BY THE CONTRACTOR UPON REMOVAL OF TEMPORARY TRAFFIC CONTROL DEVICES. INCLUDING TEMPORARY STRIPING AND PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL POST UNEVEN PAVEMENT MARKING SIGNS AND RAMP VERTICAL PAVEMENT OFFSET OF 1 INCH OR MORE ASPHALT FOR SMOOTH TRANSITION.
 - THE CONTRACTOR SHALL COORDINATE WITH CITY OF SAN FERNANDO, PUBLIC WORKS, TRAFFIC SAFETY AND TRAFFIC DEPARTMENT, FOR ANY TEMPORARY TRAFFIC SIGNAL MODIFICATIONS WITHIN CITY JURISDICTION.
 - THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING THE TRAFFIC CONTROL SYSTEMS SHOWN ON THESE PLANS. IN THE EVENT THAT THERE ARE CHANGES IN THESE PLANS THAT NEED TO BE MADE DUE TO CHANGE FIELD CONDITION DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE IN MAKING THE NECESSARY CHANGES ON THESE PLANS WHERE APPLICABLE WITH THE APPROVAL OF THE ENGINEER.
 - EXACT LOCATION AND TYPE OF CONSTRUCTION SIGN(S) SHALL BE DIRECTED BY THE ENGINEER BASED UPON CONSTRUCTION CONDITIONS.
 - ALL CONFLICTING SIGNS SHALL BE COVERED DURING CONSTRUCTION. COVERS SHALL BE REMOVED AT COMPLETION OF CONSTRUCTION.
 - ACCESS TO EXISTING BUSINESSES, RESIDENCES, AND SIDE STREETS SHALL BE PROVIDED.
 - THE CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS FOR LIMITED DRIVEWAY ACCESS.
 - CONSTRUCTION OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO ADJUTING PROPERTY OWNERS. NO PARKING SIGNS SHALL BE POSTED 48 HOURS IN ADVANCE PRIOR TO THE START OF EACH "TEMPORARY NO PARKING" RESTRICTION.
 - THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS ON WALKWAYS OF EACH INTERSECTION, INCLUDING SCHOOL CROSSING GUARD ACTIVITIES, AS DIRECTED BY THE ENGINEER. TEMPORARY PEDESTRIAN ACCESS SHALL BE 5FT MINIMUM WIDTH.
 - THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES.
 - AT FOUR (4) LEGS CROSSWALK, THE CONTRACTOR SHALL MAINTAIN THREE LEGS OF THE CROSSWALK TO PEDESTRIANS AT ALL TIMES. CONTRACTOR SHALL PROVIDE PEDESTRIAN SIGNS, SUCH AS R9-3 AND R-3BP TO DETOUR PEDESTRIAN AROUND THE WORK ZONE AREA.
 - COVER TRENCHES WITH STEEL PLATES DURING NON-WORKING HOURS. STEEL PLATES SHALL BE PLACED SO THAT THEY DO NOT MOVE OR MAKE NOISE WHEN VEHICLE PASS OVER THEM. PLATES SHALL BE SKID RESISTANT. WHEREVER POSSIBLE, STEEL PLATES SHALL BE RECESSED INTO THE PAVEMENT. PLATES WHICH EXTEND MORE THAN ONE-HALF (1/2) INCH ABOVE THE SURROUNDING PAVEMENT SHALL BE RAMPED WITH TEMPORARY PAVEMENT WITH A SLOPE NOT LESS THAN ONE(1) VERTICAL TO FOUR(4) HORIZONTAL(1:4) IN ALL DIRECTIONS. WARNING SIGNS W8-24 "STEEL PLATE AHEAD" SIGNS SHALL BE PLACED ON ALL APPROACHES TO STEEL PLATES.

- ALL RESIDENTIAL/COMMERCIAL DRIVEWAYS SHALL BE KEPT OPEN AT ALL TIMES EXCEPT WHEN CONSTRUCTION TAKES PLACE DIRECTLY IN FRONT OF THE DRIVEWAYS. CONTRACTOR SHALL MAINTAIN DRIVEWAY ACCESS DURING NON-WORKING HOURS BY UTILIZING STEEL PLATE COVERS (ANTI-SKID PLATES) TO THE SATISFACTION OF THE ENGINEER.
- TRAFFIC CONTROL SIGNS ON PORTABLE SIGN SUPPORTS SHALL NOT BLOC ACCESS IN THE TRAVELED WAY OR SIDEWALK AREA.
- ANY FLAGGING OPERATION EXCEEDING 1,000 FEET SHALL REQUIRE PILOT CAR OPERATIONS.
- EACH FLAGGER AND PILOT CAR DRIVER, AND THE ENGINEER SHALL BE EQUIPPED WITH A PORTABLE TWO-WAY RADIO, OR HANDHELD COMMUNICATION DEVICE, FURNISHED BY THE CONTRACTOR.
- PILOT CAR(S) SHALL BE EQUIPPED WITH A SIGN OR CHANGEABLE MESSAGE SIGN WHICH READS, "PILOT CAR FOLLOW ME".
- "TRAFFIC CONTROL FOLLOW PILOT CAR" SIGN SHALL BE POSTED AT EACH INTERSECTING ROAD AND DRIVEWAY.

NOTE: MOTORIST DELAY TIME SHALL NOT EXCEED 15 MINUTES UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY STRIPING NOTES

- REMOVE ALL CONFLICTING STRIPING PRIOR TO INSTALLATION OF TEMPORARY TRAFFIC CONTROL PLAN.
- ALL CONFLICTING STRIPES AND PAVEMENT MARKINGS SHALL BE COMPLETELY REMOVED BY GRINDING METHOD AND INCLUDES REMOVAL OF RAISED PAVEMENT MARKERS
- ALL TEMPORARY TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE INSTALLED WITH ONE-COAT PAINT.
- ALL STRIPING AND MARKING SHALL CONFORM TO SECTION 314 OF THE 2018 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- TEMPORARY RAISED REFLECTIVE MARKERS SHALL BE INSTALLED AND MAINTAINED WHEN EXISTING STRIPED ROADWAYS HAVE BEEN REMOVED AND LEFT WITHOUT STRIPING OVERNIGHT.

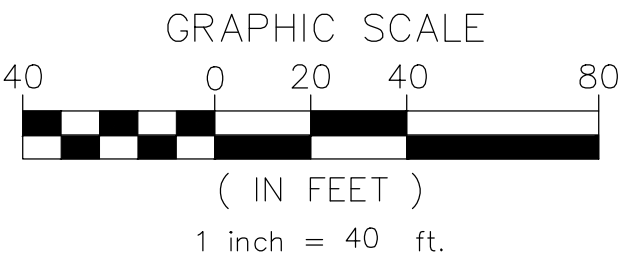
RESTORATION STRIPING NOTES

- THE CONTRACTOR SHALL RESTORE ALL EXISTING STRIPING AND PAVEMENT MARKINGS THAT HAS BEEN DAMAGED DURING CONSTRUCTION PROCESS.

CONSTRUCTION SIGN LEGEND	
W20-1	ROAD WORK AHEAD
C20(CA)(R)	RIGHT LANE CLOSED AHEAD
C30(CA)	LANE CLOSED
G20-2	END ROADWORK
W4-2(R)	RIGHT LANE ENDS
R9-9	SIDEWALK CLOSED
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE

LEGEND

- TEMPORARY SIGN AND POST
- TYPE II BARRICADE
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD (FAB)
- PORTABLE DELINEATOR
- WORK ZONE
- SIGNALIZED INTERSECTION



REVISIONS

REV.	DATE	BY	DESCRIPTION	APP'VD	REV.	DATE	BY	DESCRIPTION	APP'VD

PLANS PREPARED BY:
WILLDAN Engineering
13191 CROSSROADS PARKWAY NORTH
SUITE 405, INDUSTRY, CA 91746
(562) 908-6200
UNDER THE SUPERVISION OF:



JEFFREY C. LAU RCE 83887 DATE
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SUBMITTED BY:
PATSY OROZCO, CE ASSISTANT II DATE
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