

CITY OF IMPERIAL
Imperial, California

CONTRACT DOCUMENTS AND
SPECIFICATIONS FOR

2022 LA BRUCHERIE WIDENING PROJECT
FROM ATEN BOULEVARD TO TRESHILL ROAD.

BID NO. 2022-04

CITY OF IMPERIAL
COMMUNITY DEVELOPMENT DEPARTMENT
420 S. Imperial Ave.
Imperial, California 92251
(760) 355-4371

June 2022

CITY OF IMPERIAL

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2022 LA BRUCHERIE WIDENING PROJECT FROM ATEN BOULEVARD TO TRESHILL ROAD.

BID NO. 2022-04

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**CITY OF IMPERIAL
NOTICE INVITING SEALED BIDS
2022 LA BRUCHERIE WIDENING PROJECT
FROM ATEN BOULEVARD TO TRESHILL ROAD.
BID NO. 2022-04**

PUBLIC NOTICE IS HEREBY GIVEN that the City of Imperial, as CITY, invites sealed bids for the above stated project and will receive such bids in the offices of the City Clerk at 420 S. Imperial Avenue, Imperial, California 92251 up to the hour of 3:00 P.M. on Thursday, July 07, 2022, at which time they will be publicly opened and read aloud. A bid summary will then be prepared and posted. A Pre-Bid meeting will be conducted at 10:00 A.M. on Tuesday, June 28, 2022 at the City of Imperial Community Development Department located at 400 S. Imperial Ave., Suite 101; Imperial, California 92251 to be followed by a Field Walk-through at the project site.

The work to be done consists of furnishing all materials, equipment, tools, labor and incidentals as required by the contract documents. The work to be performed includes the following activities for this contract: Relocation and upgrade of existing traffic Lights, Sawcut and removal of portions of existing A.C. pavement, grinding of top 3" of existing A.C. pavement on designated surfaces, lowering and raising of existing sewer manholes, water valves, and gas valves, relocation of street signs, re-grading of surrounding areas of the intersection, relocation of existing street lights and electrical boxes, removal of designated existing road striping. As to the new improvements to be constructed the following components in general are included as part of this project: Construction of new 6" PCC Curb and Gutter, Pavement Structure of 4" A.C. over 18" thick of Class 2 Aggregate Base Material, placement of A.C. overlay on designated areas and installation of new striping.

The scope of work includes, prior to the start of construction, the coordination between the City of Imperial and the Contractor for the compliance and implementation of the Project Environmental Conditions listed on Appendix B, as well as the coordination between the City of El Centro and the Contractor for the implementation of the traffic control plan. The City of Imperial will obtain an encroachment permit from the City of El Centro. Testing and Studies called for shall be paid by City. Asphalt and concrete demolition debris shall be recycled or diverted as required by the City's C&D Ordinance. The asphalt grindings derived from the construction activity listed under Items "6 & 7" of the Proposal Bid Sheet, which size should be 1.5" (38MM) or less, shall disposed and "stockpiled" at the following location: City of Imperial Shop Site located at 14th and North "N" Street.

Bid packages (CD's) are available at the City of Imperial Community Development Department located at 400 S. Imperial Avenue, Suite 101; Imperial, California 92251 upon payment of \$85.00 non-refundable fee (\$100.00 if mailed). Only those firms who have purchased the bid documents will be provided any addendums that may be issued for this project prior to the bid opening date.

Any contract entered into pursuant to this notice will incorporate the provisions of State Labor Code of the State of California. Compliance with the higher State prevailing rates of wages and apprenticeship employment standards established by the State director of Industrial Relations will be required. Affirmative action to ensure against discrimination in employment practices on the basis of race, color, national origin, ancestry, sex, or religion will also be required.

This project has a specific contract Disadvantaged Businesses Enterprises (DBE) Contract Goal of 8%, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered areas. Said DBE Goal is applicable to all contractor's construction work (whether or not it is Federally funded or assisted) performed in the covered area. If the Contractor performs construction work in a geographical area outside of the covered area, it shall apply to the goals established for such geographical area where the work is actually performed. With regard to this second area, the Contractor also is subject to the goals for both its Federally involved and non-Federally involved construction. The Contractor's compliance with Executive Order 11246 and the regulations in 41

CFR Part 60-4 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the specifications set forth in 41 CFR 60- 4.3(a), and its efforts to meet the goals established for the geographical area where the contract resulting from the solicitation is to be performed. The hours of minority and female employment and training must be substantially uniform through the duration of the contract, and in each trade, and the Contractor shall make a good faith effort to employ women and minority individuals evenly on each of its projects. The transfer of minority or female employees or trainees from contractor to contractor or from project to project for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, the

Executive Order, and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.

Each bid must be accompanied by a guaranty of cash, certified check, cashier's check or bid bond made payable to the City of Imperial for an amount equal to at least ten percent (10%) of the bid. Such guaranty to be forfeited should the bidder to whom the contract is awarded fails to enter the contract. All guaranties to be returned after the contract is awarded. In conformance with the State of California Public Contract Code Section 22300, the contractor may substitute securities for any funds withheld by the City to ensure performance under the contract. At request and expense of the contractor, securities equivalent to the amount withheld shall be deposited with the City or with a State or Federally chartered bank as the escrow agent who shall pay such funds to the contractor upon notification by the City of contractor's satisfactory completion of contract. The type of securities deposited, and the method of release shall be approved by the City Attorney's office.

As used in this notice, and in the contract resulting from this solicitation, the "covered area" is in the City of Imperial in Imperial County, State of California.

The contract documents call for monthly payments based upon the engineer's estimate of the work completed. The City of Imperial will retain five (5%) percent of each progress payment as security for completion of the balance of the work. At the request and expense of the successful bidder, the City will pay the amounts so retained upon compliance with the requirements of Public Contract Code Section 22300 and the provisions of the contract documents pertaining to Substitution of Securities.

Bids must be prepared on the approved proposal forms in conformance with the Instructions to Bidders and submitted in a sealed envelope plainly marked on the outside:

**ATTN: CITY CLERK
SEALED BID FOR: 2022 LA BRUCHERIE WIDENING PROJECT
FROM ATEN BOULEVARD TO TRESHILL ROAD.
BID NO. 2022-04**

The Proposal should be delivered no later than 3:00 P.M. on Thursday, July 07, 2022, addressed as follows:

**City of Imperial, City Hall – City Clerk
420 S. Imperial Avenue, Imperial, CA 92251**

Questions concerning the proposal should be directed to Jesus Villegas, Project Manager, at (760) 355-3840 or via email: jvillegas@cityofimperial.org. Questions should be received no later than 1:00 P.M on Friday, July 01, 2022.

Clarification desired by a proposer shall be requested in writing with sufficient time to allow for a response prior to the date RFPs are due. Oral explanation or instructions shall not be considered binding on behalf of the City.

Any modifications to this solicitation will be issued by the City as a written addendum. The City will not consider proposals received after the specified time and date. This bid proposal does not commit the City of Imperial to award a contract or pay any costs associated with the preparation of a Proposal.

The City of Imperial reserves the right to reject any or all bids, to award each item separately, delete portions of the work, and/or waive any informality on any bid. No bid may be withdrawn for 45 days after the time set for the opening thereof. Failure by the successful bidder to enter into a contract with the City or to deliver goods and/or services in accordance with the bid may result in a declaration by the City that the bidder is not a responsible bidder, and elimination from consideration in future bidding.

No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1 (a)]. No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations. Any bid submitted by a contractor or subcontractor not properly licensed and not registered with the Department of Industrial Relations shall be considered non-responsive and will be rejected.

At the time of contract award, the prime contractor shall possess a Class "A" contractor's license and/or any combination of "C" specialty contractor's license(s) sufficient to perform the work.

CITY OF IMPERIAL
INSTRUCTIONS TO BIDDERS
FOR
“2022 LA BRUCHERIE WIDENING PROJECT
FROM ATEN BOULEVARD TO TRESHILL ROAD.”
BID NO. 2022-04

PROPOSAL FORMS

Bids shall be submitted in writing on the Bid Proposal forms provided by the CITY, including, all forms “Required Federal Contract Provisions” must be filled and initialed. All information requested therein must be clearly and legibly set forth in the manner and form indicated. The CITY will not consider any bid proposal not meeting these requirements and/or not submitting all forms requested herein.

PROPOSAL GUARANTEE (BID BOND)

Proposals must be accompanied by a proposal guarantee consisting of a certified check or bid bond payable to the CITY in the amount of (10%) of the total amount Bid. Any proposal not accompanied by such a guarantee will not be considered. If a bidder to whom a contract is awarded fails or refuses to execute the contract documents or furnish the required insurance policies and bonds as set forth in those documents, the proposal guarantee shall be forfeited to the CITY. The proposal guarantees of all bidders will be held until the successful bidder has properly executed all contract documents.

NON-COLLUSION AFFIDAVIT

Bidder shall declare that the only persons or parties interested in the proposal as principals are those named therein; that no officer, agent, or employee of the CITY is personally interested, directly or indirectly, in the proposal; that the proposal is made without connection to any other individual, firm, or corporation making a bid for the same work; and that the proposal is in all respects fair and without collusion or fraud. The Non-Collusion Affidavit shall be executed and submitted with the proposal.

PROPOSAL BID SHEET

Bidders shall give unit prices for each and all of the items set forth. No aggregate bids will be considered. The bidder shall set forth for each item of work, in clearly legible figures, a unit item price and a total for the item in the respective spaces provided for this purpose. The quantities listed in the Bid sheets are supplied to give an indication of the general scope of work, but the accuracy of figures is not guaranteed, and the bidder shall make his own estimates from the drawings. In case of a variation between the unit price and the totals shown by the bidder, the unit price will be considered to be the bid.

No bidder may withdraw his proposal for a period of forty-five (45) days after the time set for opening thereof. However, the CITY will return all proposal guarantees within ten (10) days after the award of the contract or rejection of the bids, as the case may be, to the respective bidders whose proposals they accompany.

DELIVERY OF PROPOSAL

Proposals may be mailed or delivered by messenger. However, it is the bidder's responsibility alone to ensure delivery of the proposal to the hands of the CITY's designated official prior to the bid opening hour stipulated in the “Notice Inviting Sealed Bids.” Late proposals will not be considered.

WITHDRAWAL OF PROPOSALS

A proposal may be withdrawn by a written request signed by the bidder. Such requests must be delivered to the CITY's designated official prior to the bid opening hour stipulated in the “Notice Inviting Sealed Bids”. The withdrawal of a proposal will not prejudice the right of the bidder to submit a new proposal, providing there is time to do so. Proposals may not be withdrawn after said hour without forfeiture of the proposal guarantee.

IRREGULAR PROPOSALS

Unauthorized conditions, limitations, or provisions attached to a proposal will render it irregular and may cause its rejection. The completed proposal forms shall be without interlineations, alterations, or erasures. Alternative proposals will not be considered unless specifically requested. No oral, telegraphic, or telephonic proposal, modification, or withdrawal will be considered.

TAXES

No mention shall be made in the proposal of Sales Tax, Use Tax, or any other tax, as all unit prices and bid amounts will be deemed and held to include any such taxes, which may be applicable.

DISQUALIFICATION OF BIDDERS

In the event that any bidder acting as a prime contractor has an interest in more than one proposal, all such proposals will be rejected, and the bidder will be disqualified.

This restriction does not apply to subcontractors or suppliers who may submit quotations to more than one bidder, and while doing so, may also submit a formal proposal as a prime contractor.

No contract will be executed unless the bidder is licensed in accordance with the provisions of the State Business and Professions Code.

INTERPRETATION OF PLANS AND DOCUMENTS

If any person contemplates submission of a bid for the proposed contract and is in doubt as to the true meaning of any part of the services to be performed, he may submit to the Engineer of the CITY a written request for an interpretation or correction thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation or correction of the proposed documents shall be made only by addendum duly issued and copy of such addendum will be mailed or delivered to each person receiving a set of such documents.

The Engineer will not be responsible for any other explanation or interpretations of the proposed documents.

ADDENDA OR BULLETINS

All bidders are advised as to the possibility of issuance of addenda affecting the items, scope or quantity of the work required for this project. Each bidder shall be fully responsible for informing himself as to whether or not any such addenda have been issued. The effect of all addenda to the Contract Documents shall be considered in the bid and said addenda shall be made a part of the contract documents and shall be returned with them. Failure to cover in his bid any such addenda issued may render his bid irregular and may result in its rejection by the CITY.

LEGAL RESPONSIBILITIES

All proposals must be submitted, filed, made, and executed in accordance with State and Federal laws relating to bids for contracts of this nature whether the same are expressly referred to herein or not.

Any Bidder submitting a proposal shall by such action thereby agree to each and all of the terms, conditions, provisions, and requirements set forth, contemplated, and referred to in the Contract Documents, and to full compliance therewith.

AWARD OF CONTRACT

Following a review of the bids, the CITY shall determine whether to award the contract or to reject all bids. The award of contract, if made, will be to the lowest responsible Bidder as determined solely by the CITY. Meeting the DBE goal set by the CITY at 8%

does not guarantee contract award. If the 8% DBE goal is not met by Contractor a Good faith Effort must be submitted as stated in Page 12 of Bid Package in the GOOD FAITH EFFORT section.

At the time of contract award, the successful Bidder shall hold a Class A Contractors License, as required to perform the work, issued by the State of California.

Additionally, the CITY reserves the right to reject any or all proposals, to accept any bid or portion thereof, to waive any irregularity, and to take the bids under advisement for the period of time stated in the "Notice Inviting Sealed Bids", all as may be required to provide for the best interests of the CITY. In no event will an award be made until all necessary investigations are made as to the responsibility and qualifications of the Bidder to whom the award is contemplated.

No bidder may withdraw his proposal for a period of forty-five (45) days after the time set for opening thereof. However, the CITY will return all proposal guarantees within ten (10) days after the award of the contract and execution of the contract documents or rejection of the bids, as the case may be, to the respective bidders whose proposals they accompany.

LABOR CODE

Pursuant to the provisions of Section 1773 of the Labor Code of the State of California (herein referred to as Labor Code), the CITY has obtained the general provisions rate of per diem wages and the general prevailing rate for holiday and overtime work in this locality for each craft, classification or type of workman needed to execute the contract from the Director of the Department of Industrial Relations. These rates are on file with the Clerk of the CITY.

Travel and subsistence payments to each workman needed to execute the work shall be made as such travel and subsistence payments are defined in the applicable collective bargaining agreements filed in accordance with Section 1773.8 of the Labor Code.

The Contractor shall comply with the provisions of Section 1774 of the Labor Code. Failure to comply with the subject section will subject the Contractor to penalty and forfeiture provisions of Section 1775 of the Labor Code.

Pursuant to the provisions of Section 1770 of the Labor Code, the general prevailing rate of wages has been ascertained (which rate includes employer payments for health and welfare, vacation, pension and similar purposes) applicable to the work to be done, for straight time, overtime, Saturday, Sunday and holiday work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of workmen concerned.

The CITY will not recognize any claim for additional compensation because of the payment by the Contractor of any wage rate in excess of the prevailing wage rate set forth in the contract. The possibility of wage increases is one of the elements to be considered by the Contractor in determining his bid and will not under any circumstances be considered as the basis of a claim against the CITY on the contract.

The CONTRACTOR and subcontractors shall comply with Section 1777.6 of the Labor Code which stipulates that it shall be unlawful to refuse to accept otherwise qualified employees as registered apprentices solely on the grounds of race, religious creed, color, national origin, ancestry, sex, or age, of

such employee, except as provided in Section 3077 of the Labor Code.

WORKMAN'S COMPENSATION CERTIFICATE

Section 3700 of the Labor Code requires that every employer shall secure the payment of compensation by either being insured against liability to pay compensation with one or more insurers or by securing a certificate of consent to self-insure from the State Director of Industrial Relations.

In accordance with this section and with Section 1861 of the Labor Code, the contractor shall sign a Compensation Insurance Certificate, which is included with the Contract Agreement, and submit same to City along with the other required contract documents, prior to performing any work. Reimbursement for this requirement shall be considered as included in the various items of work.

CLAYTON ACT AND CARTWRIGHT ACT

Section 4551 of the State Government Code specifies that in executing a public works contract with the CITY to supply goods, services or materials, the Contractor or Subcontractor offers and agrees to assign to the CITY all rights, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 commencing with Sec. 16700) of Part 2 of Division 7 of the Business and Professions Code, arising from purchase of goods, services or materials pursuant to the contract or subcontract. This assignment shall become effective when the CITY tender's final payment to the Contractor without further acknowledgment by the parties.

SUBSTITUTION OF SECURITIES

In conformance with the State of California Public Contract Code Section 22300, the contractor may substitute securities for any funds withheld by the CITY to ensure performance under the contract.

At the request and expense of the contractor, securities equivalent to the amount withheld shall be deposited with the City or with a State or Federally chartered bank as the escrow agent who shall pay such funds to the contractor upon notification by CITY of Contractor's satisfactory completion of the contract.

The type of securities deposited, and the method of release shall be approved by the City Attorney's office.

SUBLETTING AND SUBCONTRACTING

Pursuant to the Subletting and Subcontracting Fair Practices Act (commencing with Section 4100 of the Government Code), bidders are required to list in their proposal the name and location of place of business of each subcontractor who will perform work or labor or render services in or about the construction of the work or improvement or a subcontractor who specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the Plans and Specifications in excess of 1/2 of 1% of this prime contractor's total bid. Failure to list a subcontractor for a portion of the work means that the prime contractor will do that portion of the work. It is the Agency's intent for the Subletting and Subcontracting Fair Practices Act to apply to all phases of the work.

CITY BUSINESS LICENSE

The Contractor shall obtain a City of Imperial Business License prior to the City's issuing the Notice to Proceed.

The annual fee for the Business License is one-hundred dollars (\$100.00).

QUALITY ASSURANCE

The Agency uses a Quality Assurance Program (QAP) to ensure a material is produced to comply with the Contract.

You may examine the records and reports of tests the Agency performs if they are available at the job site.

Schedule work to allow time for QAP.

BUY AMERICA

Furnish steel and iron materials to be incorporated into the work with certificates of compliance. Steel and iron materials must be produced in the U.S. except:

1. Foreign pig iron and processed, pelletized, and reduced iron ore may be used in the domestic

production of the steel and iron materials [60 Fed Reg 15478 (03/24/1995)].

2. If the total combined cost of the materials does not exceed the greater of 0.1 percent of the total bid or \$2,500, materials produced outside the U.S. may be used.

Production includes:

1. Processing steel and iron materials, including smelting or other processes that alter the physical form or shape (such as rolling, extruding, machining, bending, grinding, and drilling) or chemical composition.

2. Coating application, including epoxy coating, galvanizing, and painting, that protects or enhances the value of steel and iron materials.

VERIFICATION OF COMPLIANCE WITH ECONOMIC SANCTIONS IN RESPONSE
TO RUSSIA'S ACTIONS IN UKRAINE

Per California Executive Order N-6-22, the City of Imperial is required to assure that all contractors doing business with the City of Imperial are in compliance with economic sanctions imposed by the U.S. government in response to Russia's actions in Ukraine, as well as sanctions imposed under state law, if any.

**CITY OF IMPERIAL
BUY AMERICAN REQUIREMENT CERTIFICATION**

Attention is directed to the "Buy America" requirements of the Surface Transportation Assistance Act of 1982 (Section 165) and the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA) Sections 1041(a) and 1048(a), and the regulations adopted pursuant thereto. In conformance with the law and regulations, all manufacturing processes for steel and iron materials furnished for incorporation into the work on this project shall occur in the United States; with the exception that pig iron and processed, pelletized and reduced iron ore manufactured outside of the United States may be used in the domestic manufacturing process for such steel and iron materials. The application of coatings, such as epoxy coating, galvanizing, painting, and other coating that protects or enhances the value of steel or iron materials shall be considered a manufacturing process subject to the "Buy America" requirements.

A Certificate of Compliance, conforming to the provisions in Section 6-1.07, "Certificates of Compliance," of the Standard Specifications, shall be furnished for steel and iron materials. The certificates, in addition to certifying that the materials comply with the specifications, shall specifically certify that all manufacturing processes for the materials occurred in the United States, except for the above exceptions.

The requirements imposed by the law and regulations do not prevent a minimal use of foreign steel and iron materials if the total combined cost of the materials used does not exceed one-tenth of one percent (0.1 percent) of the total contract cost or \$2,500, whichever is greater. The Contractor shall furnish the Engineer acceptable documentation of the quantity and value of the foreign steel and iron prior to incorporating the materials into the work.

By submitting a bid/proposal under this solicitation, except for those items listed by the offeror below or on a separate and clearly identified attachment to this bid/proposal, the offeror certifies that steel and each manufactured product, are produced in the United States, as defined in the clause Buy American - Steel and Manufactured Products for Construction Contracts) and that components of unknown origin are considered to have been produced or manufactured outside the United States.

Offerors may obtain from the owner a listing of articles, materials and supplies excepted from this provision.

PRODUCT	COUNTRY OF ORIGIN

Bidders Signature: _____

Print Name: _____ Title: _____

DISADVANTAGE BUSINESS

ENTERPRISE (DBE)

Under 49 CFR 26.13(b):

The contractor, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of DOT-assisted contracts. 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 the recipient deems appropriate.

Take necessary and reasonable steps to ensure that DBEs have opportunity to participate in the contract (49 CFR 26).

To ensure equal participation of DBEs provided in 49 CFR 26.5, the Agency shows a goal for DBEs. Make work available to DBEs and select work parts consistent with available DBE subcontractors and suppliers.

Meet the DBE goal shown elsewhere in these special provisions or demonstrate that you made adequate good faith efforts to meet this goal.

It is your responsibility to verify that the DBE firm is certified as DBE at date of bid opening. For a list of DBEs certified by the California Unified Certification Program, go to: http://www.dot.ca.gov/hq/bep/find_certified.htm.

All DBE participation will count toward the California Department of Transportation's federally mandated statewide overall DBE goal.

Credit for materials or supplies you purchase from DBEs counts towards the goal in the following manner:

- 100 percent counts if the materials or supplies are obtained from a DBE manufacturer.
- 60 percent counts if the materials or supplies are obtained from a DBE regular dealer.
- Only fees, commissions, and charges for assistance in the procurement and delivery of materials or supplies count if obtained from a DBE that is neither a manufacturer nor regular dealer. 49 CFR 26.55 defines "manufacturer" and "regular dealer."

You receive credit towards the goal if you employ a DBE trucking company that performs a commercially useful function as defined in 49 CFR 26.55(d)(1) through (4) and (6).

a. DBE Commitment Submittal

Submit the **Exhibit 15-G** *Local Agency Bidder DBE Commitment (Construction Contracts)* form, included in the Bid book. If the form is not submitted with the bid, remove the form from the Bid book before submitting your bid.

If the DBE Commitment form is not submitted with the bid, the apparent low bidder, the 2nd low bidder, and the 3rd low bidder must complete and submit the DBE Commitment form to the Agency. DBE Commitment form must be received by the Agency no later than 4:00 p.m. on the 4th business day after bid opening.

Other bidders do not need to submit the DBE Commitment form unless the Agency requests it. If the Agency requests you to submit a DBE Commitment form, submit the completed form within 4 business days of the request.

Submit written confirmation from each DBE stating that it is participating in the contract. Include confirmation with the DBE Commitment form. A copy of a DBE's quote will serve as written confirmation that the DBE is participating in the contract.

If you do not submit the DBE Commitment form within the specified time, the Agency will find your bid nonresponsive.

b. Good Faith Efforts Submittal

If you have not met the DBE goal, complete and submit the DBE Information - Good Faith Efforts, **Exhibit 15-H**, form with the bid showing that you made adequate good faith efforts to meet the goal. Only good faith efforts directed towards obtaining participation by DBEs will be considered. If good faith efforts documentation is not submitted with the bid, it must be received by the Agency no later than 4:00 p.m. on the 4th business day after bid opening.

If your DBE Commitment form shows that you have met the DBE goal or if you are required to submit the DBE Commitment form, you must also submit good faith efforts documentation within the specified time to protect your eligibility for award of the contract in the event the Agency finds that the DBE goal has not been met.

Good faith efforts documentation must include the following information and supporting documents, as necessary:

1. Items of work you have made available to DBE firms. Identify those items of work you might otherwise perform with your own forces and those items that have been broken down into economically feasible units to facilitate DBE participation. For each item listed, show the dollar value and percentage of the total contract. It is your responsibility to demonstrate that sufficient work to meet the goal was made available to DBE firms.
2. Names of certified DBEs and dates on which they were solicited to bid on the project. Include the items of work offered. Describe the methods used for following up on initial solicitations to determine with certainty if the DBEs were interested, and the dates of the follow-up. Attach supporting documents such as copies of letters, memos, facsimiles sent, telephone logs, telephone billing statements, and other evidence of solicitation. You are reminded to solicit certified DBEs through all reasonable and available means and provide sufficient time to allow DBEs to respond.
3. Name of selected firm and its status as a DBE for each item of work made available. Include name, address, and telephone number of each DBE that provided a quote and their price quote. If the firm selected for the item is not a DBE, provide the reasons for the selection.
4. Name and date of each publication in which you requested DBE participation for the project. Attach copies of the published advertisements.
5. Names of agencies and dates on which they were contacted to provide assistance in contacting, recruiting, and using DBE firms. If the agencies were contacted in writing, provide copies of supporting documents.
 6. List of efforts made to provide interested DBEs with adequate information about the plans, specifications, and requirements of the contract to assist them in responding to a solicitation. If you have provided information, identify the name of the DBE assisted, the nature of the information provided, and date of contact. Provide copies of supporting documents, as appropriate.
 7. List of efforts made to assist interested DBEs in obtaining bonding, lines of credit, insurance, necessary equipment, supplies, and materials, excluding supplies and equipment that the DBE subcontractor purchases or leases from the prime contractor or its affiliate. If such assistance is provided by you, identify the name of the DBE assisted, nature of the assistance offered, and date assistance was provided. Provide copies of supporting documents, as appropriate.
 8. Any additional data to support demonstration of good faith efforts.

The Agency may consider DBE commitments of the 2nd and 3rd bidders when determining whether the low bidder made good faith efforts to meet the DBE goal.

c. Exhibit 15-G - Local Agency Bidder DBE Information (Construction Contracts)

Complete and sign Exhibit 15-G *Local Agency Bidder DBE Commitment (Construction Contracts)* included in the contract documents regardless of whether DBE participation is reported.

Provide written confirmation from each DBE that the DBE is participating in the Contract. A copy of a DBE's quote serves as written confirmation. If a DBE is participating as a joint venture partner, the Agency encourages you to submit a copy of the joint venture agreement.)

d. Subcontractor and Disadvantaged Business Enterprise Records

Use each DBE subcontractor as listed on **Exhibit 12-B Bidder's List of Subcontractors (DBE and Non-DBE)** and Exhibit 15-G *Local Agency Bidder DBE Commitment (Construction Contracts)* form unless you receive authorization for a substitution.

The Agency requests the Contractor to:

1. Notify the Construction Manager of any changes to its anticipated DBE participation
2. Provide this notification before starting the affected work
3. Maintain records including:
 - Name and business address of each 1st-tier subcontractor
 - Name and business address of each DBE subcontractor, DBE vendor, and DBE trucking company, regardless of tier
 - Date of payment and total amount paid to each business

If you are a DBE contractor, include the date of work performed by your own forces and the corresponding value of the work.

Before the 15th of each month, submit a Monthly DBE Trucking Verification form.

If a DBE is decertified before completing its work, the DBE must notify you in writing of the decertification date. If a business becomes a certified DBE before completing its work, the business must notify you in writing of the certification date. Submit the notifications. On work completion, complete a Disadvantaged Business Enterprises (DBE) Certification Status Change, Exhibit 17-O, form. Submit the form within 30 days of contract acceptance.

Upon work completion, complete Exhibit 17-F *Final Report – Utilization of Disadvantaged Business Enterprises (DBE), First-Tier Subcontractors*. Submit it within 90 days of contract acceptance. The Agency will withhold \$10,000 until the form is submitted. The Agency releases the withhold upon submission of the completed form.

e. Performance of Disadvantaged Business Enterprises

DBEs must perform work or supply materials as listed in the Exhibit 15-G *Local Agency Bidder DBE Commitment (Construction Contracts)* form, included in the Bid.

Do not terminate or substitute a listed DBE for convenience and perform the work with your own forces or obtain materials from other sources without authorization from the Agency.

The Agency authorizes a request to use other forces or sources of materials if it shows any of the following justifications:

1. Listed DBE fails or refuses to execute a written contract based on plans and specifications for the project.
2. You stipulated that a bond is a condition of executing the subcontract and the listed DBE fails to meet your bond requirements.
3. Work requires a contractor's license and listed DBE does not have a valid license under Contractors License Law.
4. Listed DBE fails or refuses to perform the work or furnish the listed materials.
5. Listed DBE's work is unsatisfactory and not in compliance with the contract.
6. Listed DBE is ineligible to work on the project because of suspension or debarment.
7. Listed DBE becomes bankrupt or insolvent.
8. Listed DBE voluntarily withdraws with written notice from the Contract
9. Listed DBE is ineligible to receive credit for the type of work required.

10. Listed DBE owner dies or becomes disabled resulting in the inability to perform the work on the Contract.
11. Agency determines other documented good cause.

Notify the original DBE of your intent to use other forces or material sources and provide the reasons. Provide the DBE with 5 days to respond to your notice and advise you and the Agency of the reasons why the use of other forces or sources of materials should not occur. Your request to use other forces or material sources must include:

1. One or more of the reasons listed in the preceding paragraph
2. Notices from you to the DBE regarding the request
3. Notices from the DBEs to you regarding the request

If a listed DBE is terminated or substituted, you must make good faith efforts to find another DBE to substitute for the original DBE. The substitute DBE must perform at least the same amount of work as the original DBE under the contract to the extent needed to meet the DBE goal.

The substitute DBE must be certified as a DBE at the time of request for substitution.

Unless the Agency authorizes (1) a request to use other forces or sources of materials or (2) a good faith effort for a substitution of a terminated DBE, the Agency does not pay for work listed on the Exhibit 15-G *Local Agency Bidder DBE Commitment (Construction Contracts)* form unless it is performed or supplied by the listed DBE or an authorized substitute.

**REQUIRED CONTRACT PROVISIONS - FEDERAL-AID
CONSTRUCTION CONTRACTS**

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract

Funds for Lobbying ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic

and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining

agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. 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 the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on [Form FHWA-1391](#). The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

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

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph

1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b. (1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wages contained in the wage determination.

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

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

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

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

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

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages

paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g. , the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

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

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

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

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

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

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

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this

section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly rate specified in the applicable wage determination.

Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a

trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

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

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

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

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

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

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

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

10. Certification of eligibility.

- a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
- b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).
- c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards

Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

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

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

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

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

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the

leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
- (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or

explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

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

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause of default.

* * * * *

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

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

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

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

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower

Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

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

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

FEMALES AND MINORITY GOALS

To comply with Section II, "Nondiscrimination," of "Required Contract Provisions Federal-Aid Construction Contracts," the following are goals for female and minority utilization goals for Federal-aid construction contracts and subcontracts that exceed \$10,000:

The nationwide goal for female utilization is 6.9 percent.

The goals for minority utilization [45 Fed Reg 65984 (10/3/1980)] are as follows:

MINORITY UTILIZATION GOALS

Economic Area		Goal (Percent)
174	Redding CA: Non-SMSA (Standard Metropolitan Statistical Area) Counties: CA Lassen; CA Modoc; CA Plumas; CA Shasta; CA Siskiyou; CA Tehama	6.8
175	Eureka, CA Non-SMSA Counties: CA Del Norte; CA Humboldt; CA Trinity	6.6
176	San Francisco-Oakland-San Jose, CA: SMSA Counties: 7120 Salinas-Seaside-Monterey, CA	28.9
	CA Monterey	25.6
	7360 San Francisco-Oakland CA Alameda; CA Contra Costa; CA Marin; CA San Francisco; CA San	19.6
	7400 San Jose, CA	
	CA Santa Clara, CA	14.9
	7485 Santa Cruz, CA Santa Cruz	9.1
7500 Santa Rosa CA Sonoma	17.1	
177	8720 Vallejo-Fairfield-Napa, CA CA Napa; CA Solano Non-SMSA Counties: CA Lake; CA Mendocino; CA San Benito	23.2
	Sacramento, CA: SMSA Counties: 6920 Sacramento, CA	16.1
	CA Placer; CA Sacramento; CA Yolo Non-SMSA Counties CA Butte; CA Colusa; CA El Dorado; CA Glenn; CA Nevada; CA Sierra; Sutter; CA Yuba	14.3

178	Stockton-Modesto, CA: SMSA Counties: 5170 Modesto, CACAS Stanislaus	12.3
	8120 Stockton, CACAS San Joaquin	24.3
	Non-SMSA Counties CA Alpine; CA Amador; CA Calaveras; CA Mariposa; CA Merced; CA Tuolumne	19.8
179	Fresno-Bakersfield, CASMSA Counties: 0680 Bakersfield, CACAS Kern	19.1
	2840 Fresno, CACAS Fresno	26.1
	Non-SMSA Counties: CA Kings; CA Madera; CA Tulare	23.6
180	Los Angeles, CA: SMSA Counties: 0360 Anaheim-Santa Ana-Garden Grove, CACAS Orange	11.9
	4480 Los Angeles-Long Beach, CACAS Los Angeles	28.3
	6000 Oxnard-Simi Valley-Ventura, CACAS Ventura	21.5
	6780 Riverside-San Bernardino-Ontario, CA CA Riverside; CA San Bernardino	19.0
	7480 Santa Barbara-Santa Maria-Lompoc, CACAS Santa Barbara	19.7
	Non-SMSA Counties CA Inyo; CA Mono; CA San Luis Obispo	24.6
181	San Diego, CA: SMSA Counties 7320 San Diego, CACAS San Diego	16.9
	Non-SMSA CountiesCA Imperial	18.2

For each July during which work is performed under the contract, you and each nonmaterial-supplier subcontractor with a subcontract of \$10,000 or more must complete Form FHWA PR-1391 (Appendix C to 23 CFR 230). Submit the forms by August 15.

During the performance of this Agreement, the contractor, for itself, its assignees and successors in interest (hereinafter collectively referred to as Contractor) agrees as follows:

- (1) Compliance with Regulations: CONTRACTOR shall comply with the regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the REGULATIONS), which are herein incorporated by reference and made a part of this agreement.
- (2) Nondiscrimination: CONTRACTOR, with regard to the work performed by it during the AGREEMENT, shall not discriminate on the grounds of race, color, sex, national origin, religion, age, or disability in the selection and retention of sub-applicants, including procurements of materials and leases of equipment. CONTRACTOR shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the agreement covers a program set forth in Appendix B of the Regulations.
- (3) Solicitations for Sub-agreements, Including Procurements of Materials and Equipment: In all solicitations either by competitive bidding or negotiation made by CONTRACTOR for work to be performed under a Sub-agreement, including procurements of materials or leases of equipment, each potential sub-applicant or supplier shall be notified by CONTRACTOR of the CONTRACTOR'S obligations under this Agreement and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.
- (4) Information and Reports: CONTRACTOR shall provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the California Department of Transportation or FHWA to be pertinent to ascertain compliance with such Regulations or directives. Where any information required of CONTRACTOR is in the exclusive possession of another who fails or refuses to furnish this information, CONTRACTOR shall so certify to the California Department of Transportation or the FHWA as appropriate, and shall set forth what efforts CONTRACTOR has made to obtain the information.
- (5) Sanctions for Noncompliance: In the event of CONTRACTOR'S noncompliance with the nondiscrimination provisions of this agreement, the California Department of Transportation shall impose such agreement sanctions as it or the FHWA may determine to be appropriate, including, but not limited to:
 - (a) withholding of payments to CONTRACTOR under the Agreement within a reasonable period of time, not to exceed 90 days; and/or
 - (b) cancellation, termination or suspension of the Agreement, in whole or in part.
- (6) Incorporation of Provisions: CONTRACTOR shall include the provisions of paragraphs (1) through (6) in every sub-agreement, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto.

CONTRACTOR shall take such action with respect to any sub-agreement or procurement as the California Department of Transportation or FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance, provided, however, that, in the event CONTRACTOR becomes involved in, or is threatened with, litigation with a sub-applicant or supplier as a result of such direction, CONTRACTOR may request the California Department of Transportation enter into such litigation to protect the interests of the State, and, in addition, CONTRACTOR may request the United States to enter into such litigation to protect the interests of the United States

USE OF UNITED STATES-FLAG VESSELS

The CONTRACTOR agrees-

1. To utilize privately owned United States-flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carries, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to this contract, to the extent such vessels are available at fair and reasonable rates for United States-flag commercial vessels.
2. To Furnish within 20 days following the date of loading for shipments originating within the United State or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated "on-board" commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (1) of this section to both the Contracting Officer (through the prime contractor in the case of subcontractor bills-of-lading) and to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590.
3. To insert the substance of the provisions of this clause in all subcontracts issued pursuant to this contract.

CITY OF IMPERIAL
BID PROPOSAL
For
2022 LA BRUCHERIE WIDENING PROJECT
FROM ATEN BOULEVARD TO TRESHILL ROAD.

BID NO. 2022-04

TO CITY OF IMPERIAL, as CITY:

In accordance with CITY's "Notice Inviting Sealed Bids", the undersigned BIDDER hereby proposes to furnish all materials, equipment, tools, labor, and incidentals required for the above stated project as set forth in the Contract Documents, and to perform all work in the manner and time prescribed.

BIDDER declares that this proposal is based upon careful examination of the work site, Plans, Specifications, Instructions to Bidders, and Contract Documents. If this proposal is accepted for award, BIDDER agrees to enter into a contract with the CITY at the unit and/or lump sum prices set forth in the following Proposal Bid Sheet. BIDDER understands that failure to enter into a contract in the manner and time prescribed will result in forfeiture to the CITY of the Bid Bond accompanying this proposal.

BIDDER understands that a bid is required for the entire work that the estimated quantities set forth in the Proposal Bid Sheet are solely for the purpose of comparing bids, and that final compensation under the contract will be based upon the actual quantities of work satisfactorily completed. It is agreed that the unit and/or lump sum prices bid include all appurtenant expenses, taxes, royalties, and fees. In the case of discrepancies in the amounts bid, unit prices shall govern over extended amounts.

BIDDER agrees and acknowledges that he is aware of the provisions of Section 3700 of the Labor Code which requires every employer to be insured against liability for workman's compensation or to undertake self-insurance in accordance with the provisions of that code, and that the BIDDER will comply with such provisions of that code before commencing the performance of this Contract if awarded it.

BIDDER certifies that in all previous contracts or subcontracts, all reports which may have been due under the requirements of any agency, State, or Federal equal employment opportunity orders have been satisfactorily filed, and that no such reports are currently outstanding.

BIDDER declares that the only persons or parties interested in this proposal as principals are those named herein; that no officer, agent, or employee of the CITY is personally interested, directly or indirectly, in this proposal; that this proposal is made without connection to any other individual, firm, or corporation making a bid for the same work; and that this proposal is in all respects fair and without collusion or fraud.

BIDDER certifies that affirmative action has been taken to seek out and consider disadvantaged business enterprises for those portions of the work to be subcontracted, and that such affirmative actions have been carefully documented, that said documentation is open to inspection, and that said affirmative action will remain in effect for the life of any contract awarded hereunder. Furthermore, BIDDER certifies that affirmative action will be taken to meet all equal employment opportunity requirements of the contract documents.

DATED: _____, 2022

BIDDER: _____

BIDDER'S ADDRESS:

BY: _____

TITLE: _____

TELEPHONE #: _____

FAX #: _____

BIDDER'S INFORMATION

BIDDER certifies that the following information is true and correct:

Bidder's Name _____

Business Address _____

Telephone _____

State Contractor's License No. and Class _____

Original Date Issued _____ Expiration Date _____

The following are the names, titles, addresses, and phone numbers of all individuals, firm members, partners, joint ventures, and/or corporate officers having a principal interest in this proposal:

The dates of any voluntary or involuntary bankruptcy judgments against any principal having an interest in this proposal are as follows:

All current and prior DBA's, alias, and/or fictitious business names for any principal having an interest in this proposal are as follows:

CONTRACTOR'S LICENSING STATEMENT

The undersigned is licensed in accordance with the laws of the State of California providing for the registration of Contractors.

Contractor's License Number: _____

Name of Individual Contractor (Print or type): _____

Signature of Owner: _____

Business Address: _____

Or

Name of Firm: _____

Business Address: _____

Name: _____ Title: _____

Address: _____

Or

Name of Corporation: _____

Corporation Address: _____

Corporation organized under the laws of the State of _____

Signature of President of Corporation

Signature of Secretary of Corporation

LIST OF SUBCONTRACTORS

BIDDER proposes to subcontract certain portions of the work, and to procure materials and equipment from suppliers and vendors as follows:

Name Under Which Subcontractor Is Licensed	Specific License of No.	Address Office Mill/Shop	Percent of Total Contract	Description of Subcontract

REFERENCES

The following are the names, addresses, and phone numbers for three public agencies for which BIDDER has performed similar work within the past two years:

DESIGNATION OF SURETIES

The following are the names, addresses, and phone numbers for all brokers and sureties from whom BIDDER intends to procure insurance and bonds:

**CITY OF IMPERIAL
BID BOND**

**2022 LA BRUCHERIE WIDENING PROJECT
FROM ATEN BOULEVARD TO TRESHILL ROAD.**

BID NO. 2022-04

KNOW ALL MEN BY THESE PRESENTS that _____,
as BIDDER, and _____,
as SURETY, are held and firmly bound unto the CITY OF IMPERIAL, as CITY, in the penal
sum of _____
dollars (\$ _____), which is ten percent (10%) of the total amount bid by
BIDDER to the CITY for the above stated project, for the payment of which sum, BIDDER
and SURETY agree to be bound, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas BIDDER is about to
submit a bid to CITY for the above stated project, if said bid is rejected, or if said bid is
accepted and a contract is awarded and entered into by BIDDER in the manner and time
specified, then this obligation shall be null and void, otherwise it shall remain in full force and
effect in favor of AGENCY.

WITNESS our hands this ____ day of _____, 2022.

(seal)

CONTRACTOR (CORPORATION) – TYPE

By: _____
President

By _____
Secretary/Treasurer

NOTE: SIGNATURE OF CORPORATE OFFICIALS MUST BE NOTARIZED.

Subscribed and sworn to before me
this _____ day of _____, 2022.

Notary Public _____

SURETY'S NAME-TYPE

Mailing Address_____

By: _____
Name

Title_____

NOTE: SIGNATURE OF SURETY MUST BE NOTARIZED.

Subscribed and sworn to before me
this _____ day of _____, 2022.

Notary Public _____

(seal)

NON-COLLUSION AFFIDAVIT

STATE OF CALIFORNIA)
) SS
COUNTY OF _____)

_____ being first duly sworn deposes and says that he is _____ (sole owner, a partner, president, etc.) of _____ the party making the foregoing bid; that such bid is not made in the interest of or behalf of any undisclosed person, partnership, company, association, organization or corporation, that such bid is genuine and not collusive or a sham, that said bidder has not directly or indirectly induced or solicited any other bidder 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 agreements, communication or conference with anyone to fix the bid price of said bidder or of any other bidder, or to fix the overhead, profit, or cost element of such bid price, or of that of any other bidder, or to secure any 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, organization, bid depository, or to any member or persons as have a partnership or other financial interest with said bidder in his general business.

Signed: _____

Title: _____

Subscribed and sworn to before me
this _____ day of _____, 2022.

Notary Public _____

EQUAL EMPLOYMENT OPPORTUNITY
CERTIFICATION EXHIBIT 12-E

The bidder _____, proposed subcontractor(s) _____, hereby certifies that he/she has, _____ has not _____, participated in a previous contract or subcontract subject to the equal opportunity clauses, as required by Executive Orders 10925, 11114, or 11246, and that, where required, he has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

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

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

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

DEBARMENT AND SUSPENSION CERTIFICATION
EXHIBIT 12-E

TITLE 49, CODE OF FEDERAL REGULATIONS, PART 29

The bidder, under penalty of perjury, certifies that, except as noted below, he/she or any other person associated therewith in the capacity of owner, partner, director, officer, manager:

- Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency;
- Has not been suspended, debarred, voluntarily excluded or determined ineligible by any federal agency within the past 3 years;
- Does not have a proposed debarment pending; and
- Has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

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

Notes: Providing false information may result in criminal prosecution or administrative sanctions. The above certification is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Certification.

NAME OF CONTRACTOR _____

ADDRESS: _____

SIGNATURE: _____

DATE: _____

**NON-LOBBYING CERTIFICATION FOR FEDERAL
AID CONTRACTS - EXHIBIT 12-E**

The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

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

The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

NAME OF CONTRACTOR _____

ADDRESS: _____

SIGNATURE: _____

DATE: _____

DISCLOSURE OF LOBBYING ACTIVITIES

COMPLETE THIS FORM TO DISCLOSE LOBBYING ACTIVITIES PURSUANT TO 31 U.S.C. 1352

<p>1. Type of Federal Action:</p> <p><input type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance</p>	<p>2. Status of Federal Action:</p> <p><input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award</p>	<p>3. Report Type:</p> <p><input type="checkbox"/> a. initial <input type="checkbox"/> b. material change</p> <p style="text-align: right;">For Material Change Only: year _____ quarter _____ date of last report _____</p>
<p>4. Name and Address of Reporting Entity</p> <p><input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known</p> <p style="text-align: center;">Congressional District, if known</p>	<p>5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime:</p> <p style="text-align: center;">Congressional District, if known</p>	
<p>6. Federal Department/Agency:</p>	<p>7. Federal Program Name/Description:</p> <p style="text-align: right;">CFDA Number, if applicable _____</p>	
<p>8. Federal Action Number, if known:</p>	<p>9. Award Amount, if known:</p>	
<p>10. a. Name and Address of Lobby Entity (If individual, last name, first name, MI)</p>	<p>b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI)</p>	
(attach Continuation Sheet(s) if necessary)		
<p>11. Amount of Payment (check all that apply)</p> <p>\$ _____ <input type="checkbox"/> actual <input type="checkbox"/> planned</p>	<p>13. Type of Payment (check all that apply)</p> <p><input type="checkbox"/> a. retainer <input type="checkbox"/> b. one-time fee <input type="checkbox"/> c. commission <input type="checkbox"/> d. contingent fee <input type="checkbox"/> e. deferred <input type="checkbox"/> f. other, specify _____</p>	
<p>12. Form of Payment (check all that apply):</p> <p><input type="checkbox"/> a. cash <input type="checkbox"/> b. in-kind; specify: nature _____ value _____</p>		
<p>14. Brief Description of Services Performed or to be performed and Date(s) of Service, including officer(s), employee(s), or member(s) contacted, for Payment Indicated in Item 11:</p> <p style="text-align: center;">(attach Continuation Sheet(s) if necessary)</p>		
<p>15. Continuation Sheet(s) attached: Yes <input type="checkbox"/> No <input type="checkbox"/></p>		
<p>16. Information requested through this form is authorized by Title 31 U.S.C. Section 1352. This disclosure of lobbying reliance was placed by the tier above when his transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to Congress semiannually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.</p>		
<p>Signature: _____ Print Name: _____ Title: _____ Telephone No.: _____ Date: _____</p>		<p>Authorized for Local Reproduction Standard Form - LLL</p>
<p>Federal Use Only:</p>		

Standard Form LLL Rev. 09-12-97

INSTRUCTIONS FOR COMPLETION OF SF-LLL, DISCLOSURE OF LOBBYING ACTIVITIES

This disclosure form shall be completed by the reporting entity, whether subawardee or prime federal recipient, at the initiation or receipt of covered federal action or a material change to previous filing pursuant to title 31 U.S.C. Section 1352. The filing of a form is required for such payment or agreement to make payment to lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with a covered federal action. Attach a continuation sheet for additional information if the space on the form is inadequate. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered federal action for which lobbying activity is and/or has been secured to influence, the outcome of a covered federal action.
2. Identify the status of the covered federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last, previously submitted report by this reporting entity for this covered federal action.
4. Enter the full name, address, city, State and zip code of the reporting entity. Include Congressional District if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be a prime or subaward recipient. Identify the tier of the sub awardee, e.g., the first sub awardee of the prime is the first tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in Item 4 checks "Sub awardee" then enter the full name, address, city, State and zip code of the prime federal recipient. Include Congressional District, if known.
6. Enter the name of the federal agency making the award or loan commitment. Include at least one organization level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the federal program name or description for the covered federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans and loan commitments.
8. Enter the most appropriate federal identifying number available for the federal action identification in item 1 (e.g., Request for Proposal (RFP) number, Invitation for Bid (IFB) number, grant announcement number, the contract grant. or loan award number, the application/proposal control number assigned by the federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered federal action where there has been an award or loan commitment by the Federal agency, enter the federal amount of the award/loan commitments for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, State and zip code of the lobbying entity engaged by the reporting entity identified in item 4 to influenced thecovered federal action.
(b) Enter the full names of the individual(s) performing services and include full address if different from 10 (a). Enter Last Name, First Name

and Middle Initial (MI).

11. Enter the amount of compensation paid or reasonably expected to be paid by the reporting entity (item 4) to the lobbying entity (item 10). Indicate whether the payment has been made (actual) or will be made (planned). Check all boxes that apply. If this is a material change report, enter the cumulative amount of payment made or planned to be made.
12. Check the appropriate box(es). Check all boxes that apply. If payment is made through an in-kind contribution, specify the nature and value of the in-kind payment.
13. Check the appropriate box(es). Check all boxes that apply. If other, specify nature.
14. Provide a specific and detailed description of the services that the lobbyist has performed or will be expected to perform and the date(s) of any services rendered. Include all preparatory and related activity not just time spent in actual contact with federal officials. Identify the federal officer(s) or employee(s) contacted or the officer(s) employee(s) or Member(s) of Congress that were contacted.
15. Check whether or not a continuation sheet(s) is attached.
16. The certifying official shall sign and date the form, print his/her name title and telephone number.

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instruction, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, D.C. 20503.

CITY OF IMPERIAL
PROPOSAL BID SHEET Page 1 of 3
 FOR
2022 LA BRUCHERIE WIDENING PROJECT
FROM ATEN BOULEVARD TO TRESHILL ROAD.

BID NO. 2022-04

ITEM	QUANTITY	UNIT	ITEM	UNIT COST	AMOUNT
1	1	LS	MOBILIZATION	\$	\$
2	1	LS	PREPARATION/IMPLEMENTATION TRAFFIC CONTROL PLANS & CONSTRUCTION AREA SIGNS	\$	\$
3	1	LS	SWPPP Permit/SWPPP Implementation	\$	\$
4	1	LS	CONSTRUCTION STAKING	\$	\$
5	1	LS	GEOTECHNICAL TESTING FOR QUALITY CONTROL	\$	\$
6	390	LF	SAWCUT EXISTING PAVEMENT FOR THE FULL DEPTH OF THE A.C. PAVEMENT AND GRIND PER COLD PLANE DETAIL	\$	\$
7	87,000	SF	GRINDING/COLD PLANE OF TOP 3" OF EXISTING A.C. PAVEMENT ON DESIGNATED SURFACES. GRINDING SIZE SHOULD BE 1.5" (38MM) OR LESS AND SHALL DISPOSED AND "STOCKPILED" AT THE FOLLOWING LOCATION: CITY OF IMPERIAL SHOP SITE LOCATED AT 14TH AND NORTH "N" STREET.	\$	\$
8	20	LF	SAWCUT EXISTING PCC CURB & GUTTER AND SIDEWALK FOR THE FULL DEPTH	\$	\$
9	5	CY	REMOVE AND DISPOSE OF EXISTING CONCRETE PRODUCT OF THE DEMOLITION OF CONCRETE INFRASTRUCTURE INCLUDING CURB & GUTTER, SIDEWALK AND CROSS GUTTER	\$	\$
10	7,118	CY	REMOVE AND DISPOSE OF NATIVE MATERIAL TO SUBGRADE DESIGN GRADE	\$	\$

11	2	EA	EXISTING MANHOLE FRAME/COVER TO BE LOWERED 0.30' BEFORE PAVING, AFTER PAVING ADJUST MANHOLE FRAME/COVER TO 3/8" BELOW GRADE AND INSTALL A PCC CONCRETE RING ONE FOOT WIDE AND ONE FOOT DEEP AROUND THE MANHOLE FRAME/COVER	\$	\$
12	11	EA	EXISTING STREET SIGNS TO BE REMOVED AND TEMPORARILY STORED	\$	\$
13	1	LS	REMOVE EXISTING STOP BAR, STOP LEGEND AND CROSSWALK BY HYDRO-BLAST	\$	\$
14	1	LS	CLEARING & GRUBBING	\$	\$
15	121,383	SF	NEW 4" THICK OF AC PAVEMENT, COMPACT PER SOILS REPORT	\$	\$
16	121,383	SF	NEW 18" THICK OF CLASS 2 BASE FOR ROADWAY, COMPACT PER SOIL REPORT	\$	\$
17	2,866	LF	NEW 6" PCC CURB & GUTTER WITH 6" OF CLASS 2 BASE PER CITY OF IMPERIAL STANDARD DETAIL	\$	\$
18	13,163	SF	NEW 4" PCC SIDEWALK OVER 6" OF SAND PER CITY OF IMPERIAL STANDARD DETAIL	\$	\$
19	1,000	SF	NEW 5" THICK PCC HANDICAP RAMP W/ TRUNCATED DOMES OVER 8" OF SAND PER CITY OF IMPERIAL STANDARD DETAIL	\$	\$
20	693	SF	NEW 6" THICK PCC DRIVEWAY APPROACH OVER 9" OF CLASS 2 BASE PER CITY OF IMPERIAL STANDARD DETAIL	\$	\$
21	1,962	LF	INSTALL NEW 12" DIAM. PVC WATERLINE	\$	\$
22	1	EA	INSTALL NEW 12" WATER VALVE	\$	\$
23	1	EA	INSTALL NEW PVC 12"X12" TEE	\$	\$
24	2	EA	INSTALL NEW PVC 12"X8" TEE	\$	\$
25	2	EA	CONNECT NEW 12" WATERLINE TO EXISTING 12" WATERLINE	\$	\$

26	4	EA	NEW ECCENTRIC 5' DIAM. STORMWATER MANHOLE OVER 12" GRAVEL PER CITY OF IMPERIAL STANDARD DETAIL	\$	\$
27	916	LF	NEW 12" DIA. SDR-18 HDPE STORM WATER PIPELINE, UTILITY TRENCH PER CITY OF IMPERIAL STANDARD DETIL	\$	\$
28	6	EA	NEW PCC STORMWATER CATCH BASIN OVER 6" OF CLASS 2 BASE PER CITY OF IMPERIAL STANDARD DETAIL	\$	\$
29	4	EA	NEW STREET LIGHT PER CITY OF IMPERIAL STANDARD	\$	\$
30	4	EA	NEW STOP AND STREET SIGN PER CITY OF IMPERIAL STANDARD DETAIL	\$	\$
31	1	LS	INSTALL STRIPING & SIGNAGE PER PLAN	\$	\$
32	1	LS	RELOCATION AND UPGRADE OF TRAFFIC SIGNALS INCLUDING HARDWARE AND APPURTENANCES FOR THE INSTALLATION OF PEDESTRIAN COUNTDOWN SIGNAL HEADS, APS PUSHBUTTONS, ETC.		
33	520	SF	INSTALL NEW PCC SPANDREL 6' WIDE CROSS PER CITY OF IMPERIAL STD. DET. NO. 410/411-A	\$	\$
				Total Bid Proposal:	\$

CITY OF IMPERIAL
PROPOSAL BID SHEET Page 3 of 3
FOR
2022 LA BRUCHERIE WIDENING PROJECT
FROM ATEN BOULEVARD TO TRESHILL ROAD.

BID NO. 2022-04

NOTE 1: THE ESTIMATED QUANTITIES INDICATED ABOVE ARE APPROXIMATE. THE ENGINEER WILL NOT ASSUME RESPONSIBILITY FOR THE QUANTITIES ILLUSTRATED IN THE PROJECT PLANS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE QUANTITIES.

NOTE 2: THE LOWEST RESPONSIVE BID WILL BE BASED ON THE LOWEST TOTAL BID PROPOSAL.

TOTAL AMOUNT OF BID PROPOSAL (NUMBERS) _____

TOTAL AMOUNT OF BID PROPOSAL (WORDS) _____

Note: The estimated quantities listed in the Proposal Bid Sheet(s) are supplied to give an indication of the general scope of the work, but the accuracy of these figures is not guaranteed, and the bidder shall make his own estimates from the drawings. In case of a variation between the unit price and the totals shown by the bidder, the unit price will be considered to be the bid.

Bidder's Name and Telephone Number

**VERIFICATION OF COMPLIANCE WITH ECONOMIC SANCTIONS
IN RESPONSE TO RUSSIA'S ACTIONS IN UKRAINE**

Per California Executive Order N-6-22, the City of Imperial is required to assure that all contractors doing business with the City of Imperial are in compliance with economic sanctions imposed by the U.S. government in response to Russia's actions in Ukraine, as well as sanctions imposed under state law, if any. Please execute this document to verify your current compliance with Executive Order N-6-22 and to ensure that this project will be in compliance with Executive Order N-6-22.

NOTICE: Having conducted a good faith review, I attest that the person/entity submitting this bid is in compliance with the economic sanctions imposed by the U.S. government in response to Russia's actions in Ukraine, as well as sanctions imposed under state law, if any. Further, I attest that I am aware of Executive Order N-6-22 and agree monitor the project to ensure the project remains in compliance with Executive Order N-6-22.

BIDDER

Note that responses may be subject to disclosure under the California Public Records Act. Accordingly, it is within the discretion of the respondent to determine what information to provide. Additionally, please do not include any confidential information or disclosures that could pose security risks.

BID PROPOSAL

IN WITNESS WHEREOF, BIDDER executes and submits this bid proposal with the names, titles, hands, and seals of all forenamed principals this _____ day of _____, 2022.

Bidder: _____

By: _____

Title: _____

Subscribed and sworn to this _____ day of _____, 2022.

NOTARY PUBLIC _____

AGENCY acknowledges this proposal was received and opened at the time and in the place specified, and that it was accompanied by the required guarantee in the amount of ten percent (10%) of the total bid.

By: _____

Title: _____

**CITY OF IMPERIAL
CONSTRUCTION SERVICES AGREEMENT**

This CONSTRUCTION SERVICES AGREEMENT ("Agreement"), is made and effective _____, by and between City of Imperial, a municipal corporation ("AGENCY"), and [insert contractor name], a [sole proprietorship, partnership, limited liability partnership, corporation] ("CONTRACTOR"). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

I. SCOPE OF WORK

The CONTRACTOR shall perform within the time set forth in this Agreement and shall furnishing all materials, equipment, tools, labor and incidentals as required by the Plans, Specifications and Contract Documents. The work to be performed includes the following activities for this contract: Relocation and upgrade of existing traffic Lights, Sawcut and removal of existing a.c. pavement, grinding of existing a.c. pavement designated surfaces, lowering and raising of existing sewer manholes, water valves, and gas valves to be flush with the new finish grades, relocation of street signs, re-grading of surrounding areas of the intersection, relocation of existing street lights and electrical boxes, striping and removal of designated existing road striping. As to the new improvements to be constructed the following components in general are included as part of this project: Construction of new 6" PCC Curb and Gutter, Pavement Structure of 4" a.c. over 18" thick of Class 2 Aggregate Base Material.

Prior to the start of construction, the coordination between the City of Imperial and the Contractor for the compliance and implementation of the Project Environmental Conditions listed on Appendix B, as well as the coordination between the City of El Centro and the Contractor for the implementation of the traffic control plan. The City of Imperial will obtain an encroachment permit from the City of El Centro. Testing and Studies called for shall be paid by City. Asphalt and concrete demolition debris shall be recycled or diverted as required by the City's C&D Ordinance. The asphalt grindings derived from the construction activity listed under Items "6 & 7" of the Proposal Bid Sheet, which size should be 1.5" (38MM) or less, shall disposed and "stockpiled" at the following location: City of Imperial Shop Site located at 14th and North "N" Street. (hereinafter "Project").

By entering into this Agreement, CONTRACTOR acknowledges that there may be other contractors on the site whose work will be coordinated with that of its own. CONTRACTOR expressly warrants and agrees that it will cooperate with other contractors and will do nothing to delay, hinder, or interfere with the work of other separate contractors, the AGENCY, the Construction Manager, the Architect, or utilities. CONTRACTOR also expressly agrees that, in the event its work is hindered, delayed, interfered with, or otherwise affected by a separate contractor, its sole remedy will be a direct action against the separate contractor. To the extent allowed by law, the CONTRACTOR will have no remedy, and hereby expressly waives any remedy against the AGENCY, the Construction Manager, or the Architect on account of delay, hindrance, interference or other events caused by a separate contractor.

II. TIME FOR PROJECT COMPLETION

All of CONTRACTOR's work on the Project shall be completed within durations established for the individual activities as set forth in the Project Construction Schedule. All work shall commence no later than ten (10) calendar days after receiving a written

Notice to Proceed from the AGENCY or Construction Manager, if a Construction Manager is employed by AGENCY on the Project. CONTRACTOR shall refer to the invitations for bids, and Project Plans and Specifications, all of which, as set forth below, are incorporated herein by reference, for contractual obligations regarding individual activity durations. The aggregate sum total work of all individual Prime Contractors to the AGENCY comprises the entire "Project" and shall be commenced and completed in conformance with the Project Construction Schedule.

The entire Project shall be completed within **Ninety (90) consecutive calendar days.**

III. THE CONTRACT SUM

The AGENCY shall pay to the CONTRACTOR for the performance of this Agreement, subject to any additions and deductions provided in the Project documents, the sum of _____ (\$____.00).

IV. PROGRESS PAYMENTS

Based upon Applications for Payment submitted to the Architect by the CONTRACTOR and Certificates for Payment issued by the Architect, the AGENCY shall make progress payments on account of the Contract Sum to the CONTRACTOR as provided in the General Conditions.

This Agreement is subject to the provisions of Article 1.7 (commencing at Section 20104.50) of Division 2, Part 3 of the Public Contract Code regarding prompt payment of contractors by local governments. Article 1.7 mandates certain procedures for the payment of undisputed and properly submitted payment requests within 30 days after receipt, for the review of payment requests, for notice to Contractor of improper payment requests, and provides for the payment of interest on progress payment requests which are not timely made in accordance with that Article. This AGREEMENT hereby incorporates the provisions of Article 1.7 as though fully set forth herein.]

V. RETENTION OF SECURITIES

Public Contract Code Section 22300 permits the substitution of securities for any monies withheld by a public agency to ensure performance under a contract, at the request and expense of the CONTRACTOR.

VI. INDEMNITY, DEFENSE AND HOLD HARMLESS AGREEMENT

CONTRACTOR shall indemnify, defend with legal counsel approved by AGENCY, and hold harmless AGENCY, its officers, officials, employees and volunteers from and against all liability, loss, damage, expense, cost (including without limitation reasonable legal counsel fees, expert fees and all other costs and fees of litigation) of every nature arising out of or in connection with CONTRACTOR's negligence, recklessness or willful misconduct in the performance of work hereunder or its failure to comply with any of its obligations contained in this Agreement, except such loss or damage which is caused by the sole or active negligence or willful misconduct of the AGENCY. Should conflict of interest principles preclude a single legal counsel from representing both AGENCY and CONTRACTOR, or should AGENCY otherwise find CONTRACTOR's legal counsel

unacceptable, then CONTRACTOR shall reimburse the AGENCY its costs of defense, including without limitation reasonable legal counsel fees, expert fees and all other costs and fees of litigation. The CONTRACTOR shall promptly pay any final judgment rendered against the AGENCY (and its officers, officials, employees and volunteers) with respect to claims determined by a trier of fact to have been the result of the CONTRACTOR's negligent, reckless or wrongful performance. It is expressly understood and agreed that the foregoing provisions are intended to be as broad and inclusive as is permitted by the law of the State of California and will survive termination of this Agreement.

CONTRACTOR obligations under this section apply regardless of whether such claim, charge, damage, demand, action, proceeding, loss, stop notice, cost, expense, judgment, civil fine or penalty, or liability was caused in part or contributed to by an Indemnitee. However, without affecting the rights of AGENCY under any provision of this agreement, CONTRACTOR shall not be required to indemnify and hold harmless AGENCY for liability attributable to the active negligence of AGENCY, provided such active negligence is determined by agreement between the parties or by the findings of a court of competent jurisdiction. In instances where AGENCY is shown to have been actively negligent and where AGENCY'S active negligence accounts for only a percentage of the liability involved, the obligation of CONTRACTOR will be for that entire portion or percentage of liability not attributable to the active negligence of AGENCY.

VII. PREVAILING WAGES

- A. In accordance with the provisions of Labor Code §§1770 to 1781, the City Council of The City of Imperial has adopted the latest publication of the General Prevailing Wage Rates entitled, "State of California, Department of Transportation, Equipment Rental Rates and General Prevailing Wage Rates."
- B. The following Labor Code sections are hereby referenced and made a part of this Agreement:
 - 1. Section 1775 - Penalty for Failure to Comply with Prevailing Wage Rates.
 - 2. Section 1777.4 - Apprenticeship Requirements.
 - 3. Section 1777.5 - Apprenticeship Requirements.
 - 4. Section 1813 - Penalty for Failure to Pay Overtime.
 - 5. Sections 1810 and 1811 - Working Hour Restrictions.
 - 6. Section 1775 - Payroll Records.
 - 7. Section 1773.8 - Travel and Subsistence Pay.

VIII. RECORD AUDIT

In accordance with Government Code, Section 8546.7, records of both the AGENCY and the CONTRACTOR shall be subject to examination and audit by the Auditor General for a period of three (3) years after final payment.

IX. FINAL PAYMENT

Final payment, constituting the entire unpaid balance of the Agreement Sum, shall be paid by the AGENCY to the CONTRACTOR no sooner than thirty-five (35) days after a Notice of Completion has been recorded, unless otherwise stipulated in the Notice of

Completion, provided the work has then been completed, the Agreement fully performed, and a final Certificate for Payment has been issued by the Architect.

X. CONTRACTOR'S FAILURE TO PROCURE COMPLETION OF PROJECT

In the event CONTRACTOR fails to furnish tools, equipment, or labor in the necessary quantity or quality, or fails to prosecute the work or any part thereof contemplated by this Agreement in a diligent and workmanlike manner, and if the CONTRACTOR for a period of three (3) calendar days after receipt of written demand from AGENCY or its designated representative to do so, fails to furnish tools, equipment, or labor in the necessary quantity or quality, and to prosecute its work and all parts thereof in a diligent and workmanlike manner, or after commencing to do so within said three (3) calendar days, fails to continue to do so; then the AGENCY may exclude the CONTRACTOR from the premises, or any portion thereof, and take possession of said premises or any portion thereof, together with all material and equipment thereon, and may complete the work contemplated by this Agreement or any portion of said work, either by furnishing the tools, equipment, labor or material necessary, or by letting the unfinished portion of said work, or the portion taken over by the AGENCY to another contractor or by a combination of such methods. In any event, the procuring of the completion of said work, or the portion thereof taken over by the AGENCY, shall be a charge against the CONTRACTOR, and may be deducted from any money due or becoming due to CONTRACTOR from the AGENCY, or the CONTRACTOR shall pay the AGENCY the amount of said charge, or the portion thereof unsatisfied. The sureties provided for under this Agreement shall become liable for payment should CONTRACTOR fail to pay in full any said cost incurred by the AGENCY.

XI. INSURANCE

Prior to the beginning of and throughout the duration of the Work, CONTRACTOR and its subcontractors shall maintain insurance in conformance with the requirements set forth below. CONTRACTOR will use existing coverage to comply with these requirements. If that existing coverage does not meet the requirements set forth herein, CONTRACTOR agrees to amend, supplement or endorse the existing coverage to do so.

CONTRACTOR acknowledges that the insurance coverage and policy limits set forth in this section constitute the minimum amount of coverage required. Any insurance proceeds available to CONTRACTOR or its subcontractors in excess of the limits and coverage identified in this Agreement and which is applicable to a given loss, claim or demand, will be equally available to AGENCY.

A. CONTRACTOR shall provide the following types and amounts of insurance:

Without limiting CONTRACTOR's indemnification of AGENCY, and prior to commencement of Work, CONTRACTOR shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and, in a form, satisfactory to AGENCY.

General liability insurance. CONTRACTOR shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less than \$1,000,000 per occurrence, \$2,000,000 general aggregate, for bodily injury, personal injury, and property damage, and \$2,000,000 completed operations aggregate. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO “insured contract” language will not be accepted.

Automobile liability insurance. CONTRACTOR shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the CONTRACTOR arising out of or in connection with Work to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an amount not less than \$1,000,000 combined single limit for each accident.

Umbrella or excess liability insurance. [Optional depending on limits required] CONTRACTOR shall obtain and maintain an umbrella or excess liability insurance that will provide bodily injury, personal injury and property damage liability coverage at least as broad as the primary coverages set forth above, including commercial general liability, automobile liability, and employer’s liability. Such policy or policies shall include the following terms and conditions:

- A drop-down feature requiring the policy to respond in the event that any primary insurance that would otherwise have applied proves to be uncollectable in whole or in part for any reason;
- Pay on behalf of wording as opposed to reimbursement;
- Concurrency of effective dates with primary policies;
- Policies shall “follow form” to the underlying primary policies; and
- Insureds under primary policies shall also be insureds under the umbrella or excess policies.

Workers’ compensation insurance. CONTRACTOR shall maintain Workers’ Compensation Insurance (Statutory Limits) and Employer’s Liability Insurance (with limits of at least \$1,000,000) for CONTRACTOR’s employees in accordance with the laws of the State of California, Section 3700 of the Labor Code. In addition, CONTRACTOR shall require each subcontractor to similarly maintain Workers’ Compensation Insurance and Employer’s Liability Insurance in accordance with the laws of the State of California, Section 3700 for all of the subcontractor’s employees.

CONTRACTOR shall submit to AGENCY, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of AGENCY, its officers, agents, employees and volunteers.

Pollution liability insurance. Environmental Impairment Liability Insurance shall be written on a CONTRACTOR’s Pollution Liability form or other form acceptable to AGENCY providing coverage for liability arising out of sudden, accidental and gradual pollution and remediation. The policy limit shall be no less than \$1,000,000 dollars per claim and in the aggregate. All activities contemplated in this Agreement shall be specifically scheduled on the policy as “covered operations.” The policy shall provide

coverage for the hauling of waste from the project site to the final disposal location, including non-owned disposal sites.

Builder's risk insurance. Upon commencement of construction and with approval of AGENCY, CONTRACTOR shall obtain and maintain builder's risk insurance for the entire duration of the Project until only the AGENCY has an insurable interest. The Builder's Risk coverage shall include the coverages as specified below.

The named insureds shall be CONTRACTOR and AGENCY, including its officers, officials, employees, and agents. All Subcontractors (excluding those solely responsible for design Work) of any tier and suppliers shall be included as additional insureds as their interests may appear. CONTRACTOR shall not be required to maintain property insurance for any portion of the Project following transfer of control thereof to AGENCY. The policy shall contain a provision that all proceeds from the builder's risk policy shall be made payable to the AGENCY. The AGENCY will act as a fiduciary for all other interests in the Project.

Policy shall be provided for replacement value on an "all risk" basis for the completed value of the project. There shall be no coinsurance penalty or provisional limit provision in any such policy. Policy must include: (1) coverage for any ensuing loss from faulty workmanship, Nonconforming Work, omission or deficiency in design or specifications; (2) coverage against machinery accidents and operational testing; (3) coverage for removal of debris, and insuring the buildings, structures, machinery, equipment, materials, facilities, fixtures and all other properties constituting a part of the Project; (4) Ordinance or law coverage for contingent rebuilding, demolition, and increased costs of construction; (5) transit coverage (unless insured by the supplier or receiving contractor), with sub-limits sufficient to insure the full replacement value of any key equipment item; (6) Ocean marine cargo coverage insuring any Project materials or supplies, if applicable; (7) coverage with sub-limits sufficient to insure the full replacement value of any property or equipment stored either on or off the Site or any staging area. Such insurance shall be on a form acceptable to Agency to ensure adequacy of terms and sublimits and shall be submitted to the Agency prior to commencement of construction.

Other provisions or requirements

Proof of insurance. CONTRACTOR shall provide certificates of insurance to AGENCY as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers' compensation. Insurance certificates and endorsements must be approved by AGENCY's risk manager prior to commencement of performance. Current certification of insurance shall be kept on file with AGENCY at all times during the term of this contract. AGENCY reserves the right to require complete, certified copies of all required insurance policies, at any time.

Duration of coverage. CONTRACTOR shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the Work hereunder by CONTRACTOR, his agents, representatives, employees or subcontractors. CONTRACTOR must maintain general liability and umbrella or excess liability insurance for as long as there is a statutory exposure to completed operations claims. AGENCY

and its officers, officials, employees, and agents shall continue as additional insureds under such policies.

Primary/noncontributing. Coverage provided by CONTRACTOR shall be primary and any insurance or self-insurance procured or maintained by AGENCY shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of AGENCY before the AGENCY's own insurance or self-insurance shall be called upon to protect it as a named insured.

Products/completed operations coverage. Products/completed operations coverage shall extend a minimum of three (3) years after project completion. Coverage shall be included on behalf of the insured for covered claims arising out of the actions of independent contractors. If the insured is using subcontractors, the Policy must include work performed "by or on behalf" of the insured. Policy shall contain no language that would invalidate or remove the insurer's duty to defend or indemnify for claims or suits expressly excluded from coverage. Policy shall specifically provide for a duty to defend on the part of the insurer. The AGENCY, its officials, officers, agents, and employees, shall be included as additional insureds under the Products and Completed Operations coverage.

Agency's rights of enforcement. In the event any policy of insurance required under this Agreement does not comply with these requirements or is canceled and not replaced, AGENCY has the right but not the duty to obtain the insurance it deems necessary and any premium paid by AGENCY will be promptly reimbursed by CONTRACTOR or AGENCY will withhold amounts sufficient to pay premium from CONTRACTOR payments. In the alternative, AGENCY may cancel this Agreement.

Acceptable insurers. All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders' Rating of A- (or higher) and Financial Size Category Class VII (or larger) in accordance with the latest edition of Best's Key Rating Guide, unless otherwise approved by the AGENCY's risk manager.

Waiver of subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against AGENCY, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow CONTRACTOR or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. CONTRACTOR hereby waives its own right of recovery against AGENCY and shall require similar written express waivers and insurance clauses from each of its subconsultants.

Enforcement of contract provisions (non estoppel). CONTRACTOR acknowledges and agrees that any actual or alleged failure on the part of the AGENCY to inform CONTRACTOR of non-compliance with any requirement imposes no additional obligations on the AGENCY nor does it waive any rights hereunder.

Requirements not limiting. Requirements of specific coverage features, or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the CONTRACTOR maintains higher limits than the minimums shown above, the AGENCY requires and shall be entitled to coverage for the higher limits maintained by the CONTRACTOR. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the AGENCY.

Notice of cancellation. CONTRACTOR agrees to oblige its insurance agent or broker and insurers to provide to AGENCY with a thirty (30) day notice of cancellation (except for nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage.

Additional insured status. General liability policies shall provide or be endorsed to provide that AGENCY and its officers, officials, employees, agents, and volunteers shall be additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.

Prohibition of undisclosed coverage limitations. None of the coverages required herein will be in compliance with these requirements if they include any limiting endorsement of any kind that has not been first submitted to AGENCY and approved of in writing.

Separation of insureds. A severability of interests provision must apply for all additional insureds ensuring that CONTRACTOR's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the insurer's limits of liability. The policy(ies) shall not contain any cross-liability exclusions.

Pass through clause. CONTRACTOR agrees to ensure that its subconsultants, subcontractors, and any other party involved with the project who is brought onto or involved in the project by CONTRACTOR, provide the same minimum insurance coverage and endorsements required of CONTRACTOR. CONTRACTOR agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. CONTRACTOR agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the project will be submitted to AGENCY for review.

Agency's right to revise requirements. The AGENCY reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the CONTRACTOR a ninety (90) day advance written notice of such change. If such change results in substantial additional cost to the CONTRACTOR, the AGENCY and CONTRACTOR may renegotiate CONTRACTOR's compensation.

Self-insured retentions. Any self-insured retentions must be declared to and approved by AGENCY. AGENCY reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved by AGENCY.

Timely notice of claims. CONTRACTOR shall give AGENCY prompt and timely notice of claims made or suits instituted that arise out of or result from CONTRACTOR's performance under this Agreement, and that involve or may involve coverage under any of the required liability policies.

Additional insurance. CONTRACTOR shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the Work.

XII. CONTRACTOR'S LICENSE

CONTRACTOR must possess at the time of commencing work and throughout the Project duration, a Contractor's License, issued by the State of California, which is current and in good standing. CONTRACTOR shall ensure that any subcontractor working on the Project possesses at the time of commencing work and throughout the Project duration, a Contractor's License, issued by the State of California, which is current and in good standing.

XIII. REGISTRATION REQUIREMENTS

Pursuant to Section 1771.1(a) of the Labor Code:

"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."

CONTRACTOR must be registered with the Department of Industrial Relations (DIR) of the State of California in order to be eligible to work on public works projects. CONTRACTOR must ensure registration with the DIR that is active and in good standing.

No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

The CONTRACTOR is not subject to public works requirements (including registration with the DIR) if the public works project is under \$1,000, unless the AGENCY knows that the same CONTRACTOR will be awarded total project costs in excess of \$1,000 for a given year.

XIV. CORPORATION IN GOOD STANDING

If CONTRACTOR is a corporation, the undersigned hereby represents and warrants that the corporation is duly incorporated and in good standing in the State of _____, and that _____ whose title is _____, is authorized to act for and bind the corporation.

XV. PROVISIONS REQUIRED BY LAW

Each and every provision of law and clause required by law to be inserted in this Agreement shall be deemed to be inserted herein and the Agreement shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not currently inserted, then upon application of either party the Agreement shall forthwith be physically amended to make such insertion or correction.

XVI. SUBSURFACE HAZARDOUS MATERIALS

- A. In the event trenches or other excavations extend deeper than four (4) feet below the surface, the CONTRACTOR shall promptly, and before the following conditions are disturbed, notify the AGENCY in writing of any:
 - 1. Material that the CONTRACTOR believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II or Class III disposal site in accordance with the provisions of existing law.
 - 2. Subsurface or latent physical conditions at the site differing from those indicated.
 - 3. Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in the Work or the character provided for in the CONTRACT.
- B. Upon receipt of said notification the AGENCY will investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the CONTRACTOR's cost of or the time required for performance of any part of the work, the AGENCY will issue a change order under the procedures described in the General Conditions.
- C. In the event that a dispute arises between the AGENCY and the CONTRACTOR whether the conditions materially differ, or involve hazardous waste or cause a decrease or increase in the CONTRACTOR's cost of or time required for performance of any part of the work, the CONTRACTOR shall not be excused from any scheduled completion date provided for by the Agreement, but shall proceed with all work to be performed under the Agreement. The CONTRACTOR shall retain any and all rights provided either by Agreement or by law which pertain to the resolution of disputes and protests between the contracting parties.

XVII. LIQUIDATED DAMAGES

Pursuant to Government Code Section 53069.85, if work is not completed within the contract time or in strict accordance with the Project Schedule, it is understood, acknowledged and agreed that the AGENCY will suffer damage. It is therefore agreed that the CONTRACTOR shall pay to the AGENCY the sum of:_____for each and every calendar day of delay beyond the Contract Time, or beyond any completion schedule, construction schedule or Project milestones established in or pursuant to the Project Schedule, or beyond the time indicated in the Project Schedule for any individual Contract activity.

CONTRACTOR expressly understands, acknowledges and agrees that such liquidated damages can and shall be imposed if the CONTRACTOR does not meet each and every aspect of any activity schedule, completion schedule, construction schedule or Project milestones established in or pursuant to the Project Schedule. If the AGENCY accepts work or makes any payment under this Agreement after a default by reason of delays, the acceptance of such work and/or payment(s) shall in no respect constitute a waiver or modification of any provisions regarding Contract Time, a completion schedule, the Project Schedule or the accrual of liquidated damages. In the event the same is not paid, the CONTRACTOR further agrees that the AGENCY may deduct the amount thereof from any money due or that may become due the CONTRACTOR under the Agreement. This Article does not exclude recovery of damages under provisions of the Contract Documents and is expressly in addition to the AGENCY's ability to seek other damages.

CONTRACTOR is to refer to Section II of this AGREEMENT for Project Construction Schedule for duration of individual activities. Liquidated damages may be assessed if any individual activity duration exceeds the time indicated for that activity on the Project Construction Schedule.

XVIII. CLAIM PROCEDURES UNDER PUBLIC CONTRACT CODE SECTION 9204

CONTRACTOR shall comply with the procedure set forth in Public Contracts Code section 9204 for any claim, as that term is defined therein, for one or more of the following: 1) a time extension, including, without limitation, for relief from damages or penalties for delay, 2) payment of money or damages arising from work done pursuant to this Agreement, and/or 3) payment of an amount disputed by the AGENCY under this Agreement.

XIX. COMPONENT PARTS OF THE CONTRACT

This Agreement entered into consists of the following CONTRACT DOCUMENTS, all of which are component parts of the Agreement as if herein set out in full or attached hereto:

- 6.1 Invitation for Bids/Advertisement.
- 6.2 Proposal Requirements.
- 6.3 General Conditions
- 6.4 Supplemental General Conditions (State)

- 6.5 Specifications
- 6.6 Special Provisions
- 6.7 Proposal Bid Form
- 6.8 Bid Bond
- 6.9 Proposal Agreement
- 6.10 Agreement
- 6.11 Faithful Performance Bond
- 6.12 Labor and Material Bond
- 6.13 Workers' Compensation Insurance Certification
- 6.14 Subcontractor's Listing
- 6.15 Noncollusion Affidavit
- 6.16 Drug and Alcohol Testing Requirements
- 6.17 Corporate Certification or Partnership Information
- 6.18 Contractor's Certification of Qualification
for License Classification

All of the above-named CONTRACT DOCUMENTS are intended to be complementary. Work required by one of the above-named CONTRACT DOCUMENTS and not by others shall be done as if required by all.

The Contract Documents may only be amended by Change Order as provided in section 1-20 of the General Conditions.

No assignment by a party hereto of any rights under or interests in the Contract Documents will be binding on another party hereto without the written consent of the party sought to be bound; and specifically but without limitation monies that may become due and monies that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

XX. ENTIRE CONTRACT

AGENCY and CONTRACTOR each bind itself, its partners, successors, assigns and legal representative to the other party hereto, its partners, successors, assigns and legal representative in respect of all covenants, agreements and obligations contained in the Contract Documents.

This Agreement constitutes the entire contract of the parties. No other agreements or contracts, whether oral or written, pertaining to the work to be performed, exists between the parties. This Agreement can be modified only by an amendment in writing, signed by both parties.

CONTRACTOR
[Name of Contractor]

AGENCY
City of Imperial

By: _____

By: _____

Title: _____

Dennis Morita, City Manager

Date: _____

Date: _____

ATTEST:

City Clerk

APPROVED AS TO FORM:

By: _____
Katherine Turner, City Attorney

CONTRACT PERFORMANCE BOND

(CALIFORNIA PUBLIC WORK)

KNOW ALL MEN BY THESE PRESENTS:

THAT WHEREAS, the CITY OF IMPERIAL (sometimes referred to hereinafter as "Obligee") has awarded to _____ (hereinafter designated as the "Contractor"), an agreement for the work described as follows:

**2022 LA BRUCHERIE WIDENING PROJECT
FROM ATEN BOULEVARD TO TRESHILL ROAD.**

BID NO. 2022-04

(hereinafter referred to as the "Public Work"); and

WHEREAS, the work to be performed by the Contractor is more particularly set forth in that certain contract for the said Public Work dated _____, (hereinafter referred to as the "Contract"), which Contract is incorporated herein by this reference; and

WHEREAS, the Contractor is required by said Contract to perform the terms thereof and to provide a bond both for the performance and guaranty thereof.

NOW, THEREFORE, we, _____, the undersigned Contractor, as Principal, and _____,

_____ a corporation organized and existing under the laws of the State of _____, and duly authorized to transact business under the laws of the State of California, as Surety, are held and firmly bound unto the City of Imperial in the sum of _____ Dollars (\$ _____)

said sum being not less than one hundred percent (100%) of the total amount payable by the said Obligee under the terms of the said Contract, for which amount will and truly to be made, we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that, if the bounden Contractor, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and will and truly keep and perform the covenants, conditions and agreements in the said Contract and any alteration thereof made as therein provided, on his or its part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their intent and meaning; and shall faithfully fulfill the one year guarantee of all materials and workmanship; and indemnify and save harmless the Obligee, its officers and agents, as stipulated in said Contract, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

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

No final settlement between the Obligee and the Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

Contractor and Surety agree that if the Obligee is required to engage the services of an attorney in connection with enforcement of the bond, each shall pay Obligee's reasonable attorney's fees incurred, with or without suit, in addition to the above sum.

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

PRINCIPAL/CONTRACTOR:

By: _____

SURETY:

By: _____

Attorney-in-Fact

The rate of premium on this bond is _____ per thousand.

The total amount of premium charged: \$ _____

(The above must be filled in by corporate surety).

IMPORTANT: Surety companies executing bonds must possess a certificate of authority from the California Insurance Commissioner authorizing them to write surety insurance defined in Section 105 of the California Insurance Code, and if the work or project is financed, in whole or in part, with federal, grant or loan funds, it must also appear on the Treasury Department's most current list (Circular 570 as amended). **THIS IS A REQUIRED FORM.**

Any claims under this bond may be addressed to:

(Name and Address of Surety)

(Name and Address of agent or representative for service of process in California if different from above)

(Telephone Number of Surety and agent or representative for service of process in California).

PAYMENT BOND
(CALIFORNIA PUBLIC WORK)

KNOW ALL MEN BY THESE PRESENTS:

THAT WHEREAS, the City of Imperial (sometimes referred to hereinafter as "Obligee") has awarded to (hereinafter designated as the "Contractor"), an agreement dated _____, described as follows:

**2022 LA BRUCHERIE WIDENING PROJECT
FROM ATEN BOULEVARD TO TRESHILL ROAD.**

BID NO. 2022-04

(hereinafter referred to as the "Contract"): and

WHEREAS, said Contractor is required to furnish a bond in connection with said Contract, and pursuant to Section 3247 of the California Civil Code;

NOW, THEREFORE, We, _____, the undersigned Contractor, as Principal; and _____, a corporation organized and existing under the laws of the State of _____, and duly authorized to transact business under the laws of the State of California, as Surety, are held and firmly bound unto the City of Imperial and to any and all persons, companies or corporations entitled to file stop notices under Section 3181 of the California Civil Code, in the sum of _____ Dollars (\$ _____)

said sum being not less than one hundred percent (100%) of the total amount payable by the said Obligee under the terms of the said Contract, for which payment will and truly to be made, we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that, if said Contractor, his or its heirs, executors, administrators, successors or assigns, or Sub-contractors, shall fail to pay for any materials, provisions or other supplies, implements, machinery or power used in, upon for or about the performance of the Public Work contracted to be done, or to pay any person for any work or labor of any kind, or for bestowing skills or other necessary services thereon, or for amounts due under the Unemployment Insurance Code with respect to such work or labor, or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of paid Contractor and his Subcontractors pursuant to Section 13020 of the Unemployment Insurance Code with respect to such work and labor as required by the provisions of Section 3247 through 3252 of the Civil Code, the Surety or Sureties hereon will pay for same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall be void. In addition to the provisions hereinabove, it is agreed that this bond will inure to the benefit of any and all persons, companies and corporations entitled to serve stop notices under Section 3181 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

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

No final settlement between the Obligee and the Contractor hereunder shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

On this _____ day of _____, in the year 2022, before me,
_____, a Notary Public in and
for said State personally appeared _____
_____, known to me to be the person whose name is subscribed to the within
instrument as the Attorney-in-Fact of the _____(Surety) and
acknowledged to me that he subscribed the name of the _____
_____(Surety) thereto and his own name as Attorney-in-Fact.

Notary Public in and for said State

(SEAL)

My Commission expires: _____

Note: A copy of the power of attorney to local representatives of the bonding company
must be attached hereto.

GENERAL LIABILITY ENDORSEMENT

CITY OF IMPERIAL
420 S. Imperial Ave.
Imperial, CA 92251

A. POLICY INFORMATION

Endorsement # _____

1. Insurance Company: _____

Policy Number: _____

2. Policy Term: (From) _____ (To) _____

Endorsement Effective Date: _____

3. Named Insured: _____

4. Address of Named Insured: _____

5. Limit of Liability Any One Occurrence/Aggregate:

\$ _____

6. Deductible or Self-Insured Retention (Nil unless otherwise specified):

\$ _____

7. Coverage is equivalent to:

Comprehensive General Liability form GL0002 _____

Commercial General Liability "Occurrence" form CG0001 _____

8. Bodily Injury and Property Damage Coverage is: _____ "occurrence"

Note: The City of Imperial standard insurance requirements specify "occurrence" coverage. "Claims-made" coverage is not acceptable. If commercial general liability form or equivalent is used, the general aggregate must apply separately to this location/project or the general aggregate must be twice the occurrence limit.

9. Description of Project: _____

B. POLICY AMENDMENTS

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. **INSURED.** As respects any work performed on the above-described Project, the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers, and volunteers are included as insured with regard to damages and defense of claims arising from: (a) activities performed by or on behalf of the Named Insured, (b) products and completed operations of the Named Insured, or (c) premises owned, leased or used by the Named Insured.
2. **CONTRIBUTION NOT REQUIRED.** As respects: (a) work performed by the Named Insured on the above-described Project for or on behalf of the City of Imperial; or (b) products sold by the Named Insured to the City of Imperial for use on the Project; or (c) premises leased by the Named Insured from the City of Imperial, the insurance afforded by this policy shall be primary insurance as respects the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers, or volunteers; or stand in an unbroken chain of coverage excess of the Named Insured schedule underlying primary coverage. In either event, any other insurance maintained by the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers, or volunteers shall be in excess of this insurance and shall not contribute with it.
3. **SCOPE OF COVERAGE.** This policy, if primary, affords coverage at least as broad as:
 - (1) Insurance Services Office form number GL 0002 (Ed. 1/73), Comprehensive General Liability Insurance and Insurance Services Office form number GL 0404 Broad Form Comprehensive General Liability endorsement; or
 - (2) Insurance Services Office Commercial General Liability Coverage, "occurrence" form CG 0001; or
 - (3) If excess, affords coverage which is at least as broad as the primary insurance forms referenced in the preceding sections (1) and (2).
4. **SEVERABILITY OF INTEREST.** The insurance afforded by this policy applies separately to each insured who is seeking coverage or against whom a claim is made, or a suit is brought, except with respect to the Company's limit of liability.
5. **PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS.** Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the City Imperial, its elected or appointed officer, officials, employees, consulting engineers or volunteers.
6. **CANCELLATION NOTICE.** The insurance afforded by this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail return receipt requested has been given to the City of Imperial. Such notice shall be addressed as shown in the heading of this endorsement.

C. INCIDENT AND CLAIM REPORTING PROCEDURE

Incidents and claims are to be reported to the insurer at:

ATTN: _____
(Title) (Department)

(Company)

(Street Address)

(City) (State) (Zip Code)

(Telephone Number)

D. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____, warrant that I have authority to bind the
(print/type name) listed Insurance company and by my
signature hereon do so bind this company.

SIGNATURE OF AUTHORIZED REPRESENTATIVE (Original Signature required on
endorsement furnished to the City of Imperial)

ORGANIZATION: _____

TITLE: _____

ADDRESS: _____

TELEPHONE: _____

AUTOMOBILE LIABILITY ENDORSEMENT

CITY OF IMPERIAL
420 S. Imperial Ave.
Imperial, CA 92251

A. POLICY INFORMATION

Endorsement # _____

1. Insurance Company: _____
Policy Number: _____
2. Policy Term: (From) _____ (To) _____
Endorsement Effective Date: _____
3. Named Insured: _____
4. Address of Named Insured: _____
5. Limit of Liability Any One Occurrence/Aggregate
\$ _____
6. Deductible or Self-Insured Retention (Nil unless otherwise specified):

B. POLICY AMENDMENTS

This endorsement is issued in consideration of the policy premium. Notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. INSURED. The City of Imperial, its elected or appointed officers, officials, consulting engineers, employees and volunteers are included as insured with regard to damages and defense of claims arising from: the ownership, operation, maintenance, use, loading or unloading of any auto owned, leased, hired or borrowed by the Named Insured, regardless of whether liability is attributable to the Named Insured or a combination of the Named Insured and the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers or volunteers.
2. CONTRIBUTION NOT REQUIRED. As respects work performed by the Named Insured for or on behalf of the City of Imperial, the insurance afforded by this policy shall:

(a) be primary insurance as respects the City of Imperial, its elected or appointed officers, officials, employees, consulting engineers or volunteers;

or

(b) stand in an unbroken chain of coverage in excess of the Named Insured's primary coverage. In either event, any other insurance maintained by the City of Imperial, its elected or appointed officers, officials, employees or volunteers shall be in excess of this insurance and shall not contribute with it.

3. SCOPE OF COVERAGE. This policy, if primary, affords coverage to the Named Insured at least as broad as:

(1) Insurance Services Office form number CA 00001 (Ed. 1/78), Code 1 ("any auto") and endorsement CA 0025.

(2) If excess, affords coverage which is at least as broad as the primary insurance forms referenced in the preceding section (1).

4. SEVERABILITY OF INTEREST. The insurance afforded by this policy applies separately to each insured who is seeking coverage or against whom a claim is made, or a suit is brought, except with respect to the Company's limit of liability.

5. PROVISIONS REGARDING THE INSURED'S DUTIES AFTER ACCIDENT OR LOSS. Any failure to comply with reporting provisions of the policy shall not affect coverage provided to the City of Imperial, its elected or appointed officer, officials, employees, consulting engineers or volunteers.

6. CANCELLATION NOTICE. The insurance afforded by this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail return receipt requested has been given to the City of Imperial. Such notice shall be addressed as shown in the heading of this endorsement.

C. INCIDENT AND CLAIM REPORTING PROCEDURE

Incidents and claims are to be reported to the insurer at:

ATTN: _____

(Title) (Department)

(Company)

(Street Address)

(City) (State) (Zip Code)

(Telephone)

D. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____, warrant that I have authority to bind the
(print/type name) listed Insurance Company and by my
signature hereon do so bind this company.

SIGNATURE OF AUTHORIZED REPRESENTATIVE (Original Signature required on
endorsement furnished to the City of Imperial)

ORGANIZATION: _____

TITLE: _____

ADDRESS: _____

TELEPHONE: _____

**WORKER'S COMPENSATION/EMPLOYERS
LIABILITY ENDORSEMENT**

CITY OF IMPERIAL
420 S. Imperial Ave.
Imperial, CA 92251

A. POLICY INFORMATION Endorsement # _____

1. Insurance Company: _____

Policy Number: _____

2. Effective Date of This Endorsement: _____

3. Named Insured: _____

4. Employer's Liability Limit (Coverage B) _____

B. POLICY AMENDMENTS

In consideration of the policy premium and notwithstanding any inconsistent statement in the policy to which this endorsement is attached or any other endorsement attached thereto, it is agreed as follows:

1. CANCELATION NOTICE. The insurance afforded by this policy shall not be suspended, voided, canceled, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail return receipt requested has been given to the City of Imperial. Such notice shall be addressed as shown in the heading of this endorsement.
2. WAIVER OF SUBROGATION. The Insurance Company agrees to waive all rights of subrogation against the City of Imperial, its elected or appointed officers, officials, agents and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for the City of Imperial.

C. SIGNATURE OF INSURER OR AUTHORIZED REPRESENTATIVE OF THE INSURER

I, _____, warrant that I have authority to bind the
(print/type name) listed Insurance company and by my
signature hereon do so bind this company.

SIGNATURE OF AUTHORIZED REPRESENTATIVE (Original Signature required on
endorsement furnished to the City of Imperial)

ORGANIZATION: _____

TITLE: _____

ADDRESS: _____

TELEPHONE: _____

CITY OF IMPERIAL
GENERAL SPECIFICATIONS
FOR
2022 LA BRUCHERIE WIDENING PROJECT
FROM ATEN BOULEVARD TO TRESHILL ROAD.

BID NO. 2022-04

SCOPE OF WORK

The work to be done consists of furnishing all materials, equipment, tools, labor, and incidentals as required by the contract documents to construct the above stated project, consisting of:

The work consists generally of demolition of existing PCC Curb and Gutter and portion of existing PCC Cross Gutter and the installation of new PCC Curb and Gutter, new PCC Sidewalk, new PCC ADA Accessible Ramps, new PCC Cross Gutter, installation of new Pedestrian Push Buttons, AC Pavement Grinding and AC Overlay, Pavement Striping, Relocation of Existing Utilities and Traffic Control around the construction zones. All work to be completed within existing City of Imperial public right of way. The grindings derived from the construction activity listed under Items "6 & 7" of the Proposal Bid Sheet, shall be disposed and "stockpiled" at the following the following location: City of Imperial Shop Site located at 14th and North "N" Street.

Asphalt and concrete demolition debris shall be recycled or diverted as required by the City's C&D Ordinance.

LOCATION OF WORK

1. LA BRUCHERIE ROAD FROM ATEN BOULEVARD TO TRESHILL ROAD AS SHOWN ON CONSTRUCTION PLANS.

TIME OF COMPLETION

The Contractor shall complete all work in every detail within **Ninety (90) consecutive calendar days** after the date of the Notice to Proceed, exclusive of maintenance periods.

TRAFFIC REQUIREMENTS

All streets must remain open to public traffic. Temporary street and/or sidewalk closures may be made with the prior approval of the City Engineer.

UTILITY REQUIREMENTS

The Contractor is advised of the existence of the utility notification service provided by UNDERGROUND SERVICE ALERT (USA). USA member utilities will provide the Contractor with an approximate location of their substructures in the construction area when the Contractor gives at least 48 hours notice to the Underground Service Alert by calling 1-800-422-4133. Contractor shall contact USA as specified and shall provide the City with proof of contact with USA upon request.

The Contractor shall notify the following agencies at least 48 hours in advance of excavating around any of their structures. The utility companies listed below can be contacted as indicated.

1. Imperial Irrigation District: Ignacio Romo, (760) 482-3426
2. Southern California Gas: Joe Montenegro, (760) 352-6100
3. SBC - Telephone Company: Mike Ormond, (760) 337-3358
4. Time Warner (cable TV): Keith Johnson, (760) 352-8835
5. County Public Works Department: Veronica Atondo, Deputy Director, (442) 265-1818
6. City of Imperial Public Services: Jackie Loper, (760) 355-3336
8. Community Development Director: Othon Mora, (760) 355-1152

The Contractor shall exercise extreme care to protect all existing utilities in place whether shown on the plans or not and shall assume full responsibility for all damage resulting from his operations. The Contractor shall coordinate with each utility company as to the requirements and methods for protection of their facilities during the construction period and shall be responsible for preparation and processing of any required plans or permits. The Contractor shall assume full responsibility to maintain uninterrupted service for all utilities, including temporary service connections. Payment for protection in place shall be deemed as included in the items of work as shown on the proposal bid sheet and no additional compensation will be allowed.

FLOW AND ACCEPTANCE OF WATER

It is anticipated that storm, surface or other waters may be encountered at various times and locations during the work herein contemplated. The Contractor, by submitting a bid, acknowledges that he has investigated the risk arising from such waters and has prepared his bid accordingly, and Contractor, by submitting a bid, assumes all of said risk.

The Contractor shall conduct his operations in such a manner that storm, or other waters may proceed uninterrupted along their existing street or drainage courses. Diversion of water for short reaches to protect construction in progress will be permitted if public and/or private properties, in the opinion of the Engineer, are not subject to the probability of damage. The Contractor shall obtain written permission from the applicable public agency or property owner before any diversion of water outside of street right of way will be permitted.

REMOVAL OF WATER / DEWATERING

The Contractor shall provide and maintain at all times during construction ample means and devices to promptly remove and properly dispose of all water entering the excavations or other parts of the work. Dewatering for the pipelines shall commence when ground water is first encountered and shall be continuous until such time as the excavated area or trenches are properly backfilled. Dewatering shall be accomplished by well points or some other method which will insure a preservation of final lines and grade of the bottoms of excavation, all subject to the approval of the Engineer.

Disposal of water from dewatering operations shall be the sole responsibility of the Contractor. Disposal methods shall conform to the Porter-Cologne Water Quality Control Act, 1974, the Federal Water Pollution Control Act Amendments of 1972, and the California Administrative Code, Title 23, Chapter 3.

Full compensation of dewatering shall be considered as included in the contract prices paid for the related items of work, and no additional compensation will be allowed, therefore.

TRENCH EXCAVATION AND SHORING

For any contract for public works for excavation of any trench or trenches five (5) feet or more in depth, the Agency shall require submission by the Contractor and acceptance by the awarding body or by a Registered Civil or Structural Engineer to whom authority to accept has been delegated, in advance of excavation, a detailed plan showing the design of

shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. This plan shall be prepared by a Registered Civil or Structural Engineer.

Nothing in this Section shall be deemed to allow the use of a shoring, sloping, or protective system less effective than that required by the safety standards set forth by the State of California Safety Requirements. Nothing in this Section shall be construed to impose tort liability on the awarding body or any of its employees.

STANDARD SPECIFICATIONS

The Standard Specifications of the Agency are contained in the latest edition of the STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, as written and promulgated by the Joint Cooperative Committee of the Southern California Chapter of the American Public Works Association and the Southern California District of the Associated General Contractors of California (The Greenbook).

Copies of these Standard Specifications are available from the publisher:

Building News, Incorporated
P.O. Box 3031 Terminal Annex
Los Angeles, California 90051
(213) 202-7775
<http://www.bnibooks.com>

The Standard Specifications set forth above will control the general provisions for this contract except as amended by the Plans, Special Provisions, or other contract documents.

The section numbers of the following Special Provisions coincide with those of the said Standard Specifications. Only those sections requiring amendment or elaboration, or specifying options, are called out.

In case of conflict between the Standard Specifications and the Special Provisions, the Special Provisions shall take precedence over and be used in lieu of such conflicting portions.

References in the Special Provisions to Standard Plans shall mean the Standard Plans of the City of Imperial or another governing agency as specified.

Where the Plans or Specifications describe portions of the work in general terms, but not in complete detail, it is understood that the item is to be furnished and installed complete and in place and that only the best general practice is to prevail and that only materials and workmanship of the first quality are to be used. Unless otherwise specified, the Contractor shall furnish all labor, materials, tools, equipment and incidentals, and do all the work involved in executing the contract.

WAGE RATES AND LABOR CODE REQUIREMENTS

Wage Rates

The Contractor and all Subcontractors shall be required to adhere to the higher of the Federal or State general prevailing rate of per diem wages as determined and published by Davis-Bacon or the State Director of the Department of Industrial Relations, pursuant to Sections 1770, 1773, and 1773.2 of the California Labor Code. Copies of these rates and the latest revisions thereto are on file in the Office of the Clerk of the Agency and are available for review upon request.

Attention is directed to the provisions of Sections 1774, 1775, 1776, 1777.5, and 1777.6 of the State Labor Code. Sections 1774 and 1775 require the Contractor and all subcontractors to pay not less than the highest of either the federal or state prevailing wage rates to all workmen employed in the execution of the contract and specify forfeitures and penalties for failure to do so. The minimum state wage rates to be paid are those determined by the State Director of the Department of Industrial Relations. Section 1776 requires the Contractor and all Subcontractors to keep accurate payroll records, specifies the contents thereof, their inspection and duplication procedures, and certain notices required of the Contractor pertaining to their location.

Apprentices

Section 1777.5 requires the Contractor or Subcontractor employing tradesmen in any apprentice able 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 to be used in the performance of the contract.

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

Information relative to apprenticeship standards, contributions, wage schedules and other requirements may be obtained from the State Director of Industrial Relations or from the Division of Apprenticeship Standards.

Clayton Act and Cartwright Act

Section 4551 of the State Government Code specifies that in executing a public works contract with the Agency to supply goods, services or materials, the Contractor or Subcontractors offers and agrees to assign to the Agency all rights, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 commencing with Sec. 16700) of Part 2 of Division 7 of the Business and Professions Code, arising from purchase of goods, services or materials pursuant to the contract or subcontract. This assignment shall become effective when the Agency tender's final payment to the contractor without further acknowledgment by the parties.

CITY OF IMPERIAL SPECIAL PROVISIONS

For

2022 LA BRUCHERIE WIDENING PROJECT FROM ATEN BOULEVARD TO TRESHILL ROAD.

BID NO. 2022-04

MODIFICATIONS TO: STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

PART I - GENERAL PROVISIONS

SECTION 1 - TERMS, DEFINITIONS, ABBREVIATIONS AND SYMBOLS

1-1 DEFINITIONS.

City	- City of Imperial
Board	- City Council
Caltrans	- California Department of Transportation
County	- County of Imperial
Engineer	- City Engineer
Federal	- United States of America
State	- State of California

SECTION 2 - SCOPE AND CONTROL OF THE WORK

2-1 AWARD AND EXECUTION OF CONTRACT.

Is amended as follows:

Within ten (10) working days after the date of the Notice of Award, the Contractor shall execute and return the following contract documents to the Agency:

- ~ Contract Agreement
- ~ Faithful Performance Bond
- ~ Payment Bond
- ~ General Liability Endorsement
- ~ Automobile Liability Endorsement
- ~ Worker's Compensation/Employers Liability Endorsement

Failure to comply with the above will result in annulment of the award and forfeiture of the Proposal Guarantee.

The Contract Agreement shall not be considered binding upon the City until executed by the authorized City officials.

A corporation to which an award is made may be required, before the Contract Agreement is executed by the City, to furnish evidence of its corporate existence, of its right to enter into contracts in the State of California, and that the officers signing the contract and bonds for the corporation have the authority to do so.

2-2 CONTRACT BONDS.

add the following:

Both the Faithful Performance Bond and the Payment Bond shall each be for not less than one hundred percent (100%) of the total contract amount. The Payment

Bond shall remain in force until thirty-five (35) days after the date of recordation of the Notice of Completion. The Faithful Performance Bond will not be released until one year after said date.

2-3 PLANS AND SPECIFICATIONS.

2-3.1 General.

the first paragraph is amended as follows:

The Contractor shall maintain a control set of Plans and Specifications on the project site at all times. All final locations determined in the field, and any deviations from the Plans and Specifications, shall be marked in red on this control set to show the record conditions. Upon completion of all work, the Contractor shall return the control set to the Engineer. Final payment will not be made until this requirement is met.

SECTION 3 - CHANGES IN WORK

3-1 CHANGES INITIATED BY THE AGENCY

3-1.1 General.

add the following:

The term "Contract Price" as specified herein shall serve to mean the total dollar value of the Contractor's original bid for all of the various items of work combined and shall not be construed to mean the subtotal shown for any singular item of work.

3-2 EXTRA WORK

3-2.1 Payment

3-2.2 Markup.

add the following as the first paragraph:

The markups mentioned hereinafter shall include, but are not limited to, all costs for the services of superintendents, project managers, timekeepers, and other personnel not working directly on the change order and pickup or yard trucks used by the above personnel. These costs shall not be reported as labor or equipment elsewhere except when actually performing work directly on the change order and then shall not be reported at the labor classification of the work performed.

SECTION 4 - CONTROL OF MATERIALS

4-1 MATERIALS AND WORKMANSHIP

4-1.1 Test of Materials.

add the following:

TESTING LABORATORY SERVICES

All test which require the services of a laboratory to determine compliance with the Contract Documents shall be performed by an independent commercial testing laboratory acceptable to the Engineer.

Samples and test specimens will be delivered to the testing laboratory by testing laboratory personnel. The testing laboratory shall perform all laboratory tests within a reasonable time.

Contractor shall furnish all sample materials and cooperate in the sampling and field-testing activities, interrupting the Work when necessary. When sampling or testing activities are performed in the field by Engineer, Contractor shall furnish personnel and facilities to assist in the activities as required.

The City shall not retain any testing laboratory against which Contractor has reasonable objection, and if at any time during the construction process the services become unacceptable to Contractor, Contractor may request in writing that such services be terminated.

The request must be supported with evidence of improper testing. If the Engineer determines that sufficient cause exists, the Engineer shall terminate the services and engage a different testing laboratory.

TRANSMITTAL OF TEST REPORTS

Written reports of tests and engineering data furnished by Contractor for Engineer's review of materials and equipment proposed to be used in the Work shall be submitted as specified for Shop Drawings.

The testing laboratory retained by the Engineer will furnish three copies of a written report of each test performed by laboratory personnel. Two copies of each test report will be transmitted to the engineer and one copy to the Contractor within three working days after each test is completed.

SECTION 5 - UTILITIES

5-1 LOCATION.

add the following paragraph:

The Contractor shall notify the utilities designated in the General Specifications at least 48 hours in advance of excavating around any of their structures.

SECTION 6 - PROSECUTION, PROGRESS, AND ACCEPTANCE OF THE WORK

6-1 CONSTRUCTION SCHEDULE AND COMMENCEMENT OF WORK.

is amended as follows:

The Contractor's proposed Construction Schedule shall be submitted to the Engineer within ten (10) working days after the date of the Notice of Award of Contract. The schedule shall be supported by written statements from each supplier of materials or equipment indicating that all orders have been placed and acknowledged and setting forth the dates that each item will be delivered.

Prior to issuing the Notice to Proceed, the Engineer will schedule a pre-construction meeting with the Contractor to review the proposed Construction Schedule and delivery dates, arrange the utility coordination, discuss construction methods, and clarify inspection procedures.

The Contractor shall submit periodic Progress Reports to the Engineer by the tenth day of each month. The report shall include an updated Construction Schedule. Any deviations from the original schedule shall be explained. Progress payments will be withheld pending receipt of any outstanding reports.

6-2 TIME OF COMPLETION.

6-2.1 General.
add the following:

The time for completion shall be **Ninety (90) consecutive calendar days** from the issuance date of the Notice to Proceed.

6-2.2 Working Day.
is amended as follows:

The Contractor's activities shall be confined to the hours between 7:00 AM and 6:00 PM, Monday through Friday, excluding holidays. Deviation from these hours will not be permitted without the prior consent of the City of Imperial Planning and Development Department, except in emergencies involving immediate hazard to persons or property.

In the event of either a requested or emergency deviation, inspection service fees will be charged against the Contractor. The service fees will be calculated at overtime rates including benefits, overhead, and travel time. The service fees will be deducted from any amounts due the Contractor.

6-3 LIQUIDATED DAMAGES.
the last sentence is amended as follows:

For each consecutive calendar day in excess of the time specified, as adjusted in accordance with Subsection 6-6, for completion of the work the Contractor shall pay to the Agency, or have withheld from monies due it, the sum of \$1,000.00 per day.

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

7-1 CONTRACTOR'S EQUIPMENT AND FACILITIES.
add the following:

A noise level limit of 86 dbA at a distance of fifty feet (50') shall apply to all construction equipment on or related to the job whether owned by the Contractor or not. The use of excessively loud warning signals shall be avoided except in those cases required for the protection of personnel.

7-2 LABOR.
7-2.2 Laws.
add the following:

The Contractor, and all subcontractors, suppliers and vendors, shall comply with all Agency, State, and Federal orders regarding affirmative action to ensure equal employment opportunities and fair employment practices. Failure to file any report due under said orders will result in suspension of periodic progress payments.

The Contractor shall ensure unlimited access to the job site for all equal employment opportunity compliance officers.

7-3 LIABILITY INSURANCE.

the entire Subsection is amended as follows:

7-3.1 Indemnification.

The Contractor shall indemnify and save harmless the CITY OF IMPERIAL and the County of Imperial from all claims or suits for damages arising from his prosecution of the contract work, as more fully described in Subsection 7-3.2 "Contractor's Liability".

The Contractor shall maintain during the life of the contract a protective liability policy. The policy shall provide for not less than the following amounts;

Bodily Injury	\$ 500,000	each person
	\$1,000,000	each accident
	\$1,000,000	aggregate products and completed operations
Property Damage	\$ 250,000	each accident
		Worker's Compensation Statutory

All liability insurance policies shall bear an endorsement or shall have attached a rider whereby it is provided that, in the event of expiration or proposed cancellation of such policies for any reason whatsoever, the Agency shall be notified by registered mail, return receipt requested, giving a sufficient time before the date thereof to comply with any applicable law or statute, but in no event less than 30 days before expiration or cancellation is effective. The following statement shall be included on the insurance certificate:

"Additional Insured: The insurer agrees that the City and its City Council, and/or all City Council appointed groups, committees, boards and any other City Council appointed body, and/or elective and appointive officers, servants or employees of the City when acting as such are additional insured hereunder, for the acts of the insured, and such insurance shall be primary to any insurance of the City."

The Contractor agrees to protect, defend and indemnify the CITY OF IMPERIAL against loss, damage or expense by reason of any suit, claims, demands, judgments and causes of action caused by the Contractor, his employees, agents or any subcontractor or by any third party arising out of or in consequence of the performance of all or any operations covered by the Certificate of Insurance. The Contractor, at his option, may include such coverage under his Public Liability coverage.

7-3.2 Contractor's Liability.

The CITY OF IMPERIAL, its City Council, or the Engineer shall not be answerable or accountable in any manner, for any loss or damage that may happen to the work or any part thereof; or for any of the materials or other things used or employed in performing the work; or for injury to any person or persons, either workmen or the public; or for damage to adjoining property from any because which might have been prevented by the Contractor, or his workmen, or anyone employed by him; against

all of which injuries or damages to persons and property the Contractor having control over such work must properly guard. The Contractor shall be responsible for any damage to any person or property resulting from defects or obstructions at any time before its completion and final acceptance, and shall indemnify and save harmless the CITY OF IMPERIAL, its City Council, and the Engineer from all suits or actions of every name and description, brought for, or on account of, any injuries or damages received or sustained by any person or persons, or by the Contractor, his servants or agents, in the construction of the work or by or in consequence of any negligence in guarding the same, in improper materials used in its construction, or by or on account of any act or omission of the Contractor or his agents, and so much of the money due the Contractor under and by virtue of the Contract as shall be considered necessary by the City may be retained by the City until disposition has been made of such suits or claims for damages aforesaid.

If, in the opinion of the Engineer, the precautions taken by the Contractor are not safe or adequate at any time during the life of the Contract, he may order the Contractor to take further precautions, and if the Contractor shall fail to do so, the Engineer may order the work done by others and charge the Contractor for the cost thereof, such cost to be deducted from any moneys due or becoming due the Contractor. Failure of the Engineer to order such additional precautions, however, shall not relieve the Contractor from his full responsibility for public safety.

7-4 PERMITS.

the first sentence is amended as follows:

Prior to the start of any work, the Contractor shall take out the applicable Agency permits and make arrangements for Agency inspections. The Contractor and all subcontractors shall each obtain any and all other permits, licenses, inspections, certificates, or authorizations required by any governing body or public utility. Payment for this work shall be included in the bid items of work and no additional compensation will be allowed. The City of Imperial will waive the City's usual encroachment permit fees.

The Contractor and all subcontractors shall each obtain any and all other permits, licenses, inspections, certificates, or authorizations required by any governing body or public utility. Payment for this work shall be included in the bid items of work and no additional compensation will be allowed.

7-5 PUBLIC CONVENIENCE AND SAFETY.

7-5.1 Traffic and Access.

add the following:

When entering or leaving roadways carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic.

The Contractor shall notify all affected property owners of the proposed schedule a minimum of 48 hours, but not more than 72 hours, in advance of any limitation or closure of access to their property. Form of said notice shall be as approved by the Engineer and shall contain the date and time of the closure. In the event of delay, whether beyond the control of the Contractor or not, the Contractor shall notify all

affected property owners as to the extent of the delay and his revised schedule. In the event of delay over 72 hours, the Contractor shall re-notify the property owners as described above. Payment for notification and coordination as per Section 7-10 as modified herein shall be included in the compensation paid for the various items of work and no additional compensation will be allowed.

7-5.2 Storage of Equipment and Materials in Public Streets.
add the following:

The Contractor shall assume full responsibility for any damage caused by stockpiling and shall repair same at his expense. The Contractor shall also be responsible for providing traffic control as required to protect the public from hazards caused by stockpiling within the right of way. Payment for the above, if any, will be deemed as included in the items of work and no additional compensation will be allowed.

The Contractor may, at his own expense, maintain and operate a work and storage area outside of the public right-of-way.

In such case the Contractor shall submit to Agency written authorization from the owners of the subject property prior to occupation. Occupation of site without written authorization shall be grounds for immediate suspension of work.

Location of site to be approved by Agency. Condition and operation of yard shall conform to these specifications. The Contractor shall assume full responsibility for all damage to the site resulting from his operations and shall repair and/or replace same, at his own expense, to the satisfaction of the owner of the subject property. The Contractor shall vacate site and return it to pre-project condition within five (5) working days following application for Notice of Completion. The Contractor shall obtain a written release from the property owner accepting the condition of the vacated site and releasing the Contractor from any further clean-up or restoration work and shall submit a copy of such release to Agency. The Notice of Completion will not be issued until said release is submitted.

7-5.3 Street Closures, Detours, and Barricades.
add the following:

The Contractor shall maintain the minimum traffic requirements designated in the General Specifications. It shall be the Contractor's responsibility to furnish a detailed detour signing and barricade plan for Agency approval.

The Contractor shall be responsible for providing temporary access to all driveways at the end of each workday.

The Contractor shall provide and maintain all other signs, barricades, pedestals, flashers, delineators and other necessary facilities for the protection of the public within the limits of the construction area. He shall also post proper signs to notify the public regarding detours and the condition of the roadway, all in accordance with the provisions of the Vehicle Code and the current State of California Department of Transportation Manual of Warning Signs, Lights and Devices for Use in Performance of Work Upon Highways.

The Contractor shall furnish competent flagmen as are necessary to give adequate

warning to traffic or to the public of any dangerous conditions to be encountered. Flagmen, while on duty and assigned to give warnings to the public of construction and of any dangerous conditions to be encountered as a result thereof, shall perform their duties and shall be provided with the necessary equipment in accordance with the current "Instructions to Flagmen," of the Department of Transportation. The equipment shall be furnished and kept clean and in good repair by the Contractor, at his expense.

Should the Contractor appear to be neglectful or negligent in furnishing warning and protective measures as provided, the Engineer may direct attention to the existence of a hazard and the necessary warning and protective measures shall be furnished and installed by the Contractor at his expense. Should the Engineer point out the inadequacy of warning and protective measures, such action on the part of the Engineer shall not relieve the Contractor from responsibility for public safety or abrogate his obligation to furnish any pay for these devices.

The Contractor shall distribute notices to all affected residents and businesses at the stated minimum time prior to the start of work:

Excavations, overlays and miscellaneous repairs – 36 hours

The Contractor shall also be required to post "Temporary No Parking" signs along the streets to be resurfaced during each working day, forty-eight (48) hours prior to resurfacing. The "NOTICES" and "Temporary No Parking" signs will be furnished by the Contractor.

The Contractor shall notify the following entities at least forty-eight (48) hours in advance of any street closure or restriction to access:

1. City of Imperial Engineering Division at 355-1152
2. Fire Department at (442) 265-3010
3. Imperial Police Dept. at 355-4327
4. Imperial County Sheriff's Dept.: (442) 265-2021
5. Imperial County Public Works Dept.: (442) 265-1818

Full compensation for conforming to this article shall be considered as included in the various items of work involved, and no additional compensation will be allowed, therefore.

7-5.4 Safety.

7-5.4.1 Safety Orders.
add the following:

CONSTRUCTION SAFETY ORDERS

The Construction Safety orders of the State of California, Department of Industrial Relations, effective November 15, 1975, and as amended, shall be applicable to the work in this contract. The Contractor's special attention is directed to:

Article 6

Excavations, Trenches and Earthwork

****Article 11****

Traffic Control, Flagmen, Barriers and Warning signs; and

****Article 28****

Miscellaneous Construction Equipment prior to the start of work, the Contractor will be required to obtain a permit from the Office of the Division of Occupational Safety and Health. The office serving the Imperial area is at 7807 Convoy court, Suite 140, San Diego, California 92111, Telephone Number; (619) 637-5534.

The Contractor shall provide the City Engineer's office with a copy of the permit prior to the start of excavation, and the permit shall be maintained on the job site at any timework requiring trenching or shoring operations exist.

Where excavation of any trench 5 feet or more in depth is required, the Contractor shall submit to the City Engineer for approval, in writing, two weeks in advance of excavations, a detailed plan showing the design of shoring bracing, sloping, protection of existing utilities, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench. If such plan varies from shoring system standards established by the Construction Safety Order. The plan shall be prepared by a Registered Civil or Structural Engineer.

Copies of said regulations are available from the documents Section, P.O. box 20191, Sacramento, California 95820. The cost of furnishing labor, tools, equipment, services and items required thereby shall be borne by the Contractor as part of this contract work and he shall not be entitled to additional compensation for compliance with said regulations.

7-6 PAYROLL RECORDS.
add the following paragraph:

Payroll records shall be submitted to the Agency by the tenth day of each month. Progress payments will be withheld pending receipt of any outstanding reports.

SECTION 8 - MEASUREMENT AND PAYMENT

8-1 Partial and Final Payment.
the last paragraph is amended as follows:

The closure date for periodic progress payments will be five (5) working days prior to the first Monday of each month.

The final progress payment will not be released until the Contractor returns the control set of Plans and Specifications showing the as-built conditions.

The full five percent (5%) retention will be deducted from all payments. The final retention will be authorized for payment thirty-five (35) days after the date of recordation of the Notice of Completion.

In conformance with the Public Contracts Code, Section 22300, the Contractor may substitute securities for any monies withheld by the Agency to secure performance under the contract.

At the request and expense of the Contractor, securities equivalent to the amount

withheld shall be deposited with the Agency or with a State or Federally chartered bank as the escrow agent who shall pay such monies to the Contractor upon notification by Agency of Contractor's satisfactory completion of the contract. Actual pay quantity measurements will be done at the end of each working day and agreed upon by both the Contractor and the Engineer's representative.

The type of securities deposited, and the method of release shall be approved by the City Attorney's office.

8-1.1 Delivered Materials.

is amended as follows:

Materials and equipment delivered but not incorporated into the work will not be included in the estimate for progress payment, subject to the discretion of the City Engineer.

8-1.2 Dewatering.

is amended as follows:

The Contractor may encounter groundwater or water from other sources during excavation. The Contractor shall provide and maintain at all times during construction, ample means and devices with which to promptly remove and properly dispose of all water from any source entering the excavations or other parts of the work. Dewatering shall be accomplished by methods, which will ensure a dry excavation and preservation of the final lines and grades of the bottoms of excavations.

Dewatering shall commence when groundwater is first encountered and shall be continuous until such times as water can be allowed to rise in accordance with the provisions of this section or other requirements.

Disposal of watering from dewatering operations shall be the sole responsibility of the Contractor. Disposal methods shall conform to the Porter-Cologne Water quality control Act, 1974, the Federal Water Pollution Control Act Amendment of 1972; and the California Administrating code, Title 23, Chapter 3.

The Contractor shall dispose of the water from the work in a suitable manner without damage to adjacent property. Conveyance of the water shall be such as to not interfere with traffic flow or other construction. No water shall be drained into work built or under construction without prior consent of the City Engineer.

Water shall be desanded before disposal in any storm drain system. The system used for desanding the water shall be a baffled structure and shall provide not less than five minutes detention time and shall have a "flow-through" velocity not exceeding 0.2 feet per second at the anticipated peak flow. The desanding box shall be cleaned as required to maintain the detention time and flow-through limitations specified above.

8-1.3 Mobilization.

is amended as follows:

Mobilization shall consist of preparatory work and operations, including but not limited to those necessary for the movement of personnel, equipment, supplies, and incidentals to the project site; for the establishment of all offices, buildings and other facilities necessary for the work on this project; and for all work and operations which must be performed or cost incurred prior to beginning work on the various contract items on the project site.

The compensation paid for mobilization shall be full compensation for all costs incurred by the Contractor for doing all the work involved in mobilization as specified herein. Payment for mobilization will be included in the items of work listed in the **BID PROPOSAL**.

PART II – CONSTRUCTION MATERIALS

All CONSTRUCTION MATERIALS AND CONSTRUCTION METHODS shall be according to the latest edition of the State of California Department of Transportation (CALTRANS) Standard Specifications, CALTRANS Standard Drawings / Details, and, according to the CONSTRUCTION PROJECT PLANS called for in APPENDIX C.

PART III - CONSTRUCTION METHODS AND TECHNICAL SPECIFICATIONS

All CONSTRUCTION MATERIALS AND CONSTRUCTION METHODS shall be according to the latest edition of the State of California Department of Transportation (CALTRANS) Standard Specifications, CALTRANS Standard Drawings / Details, and according to the CONSTRUCTION PROJECT PLANS called for in APPENDIX C.

All as provided in part 3 of the Standard Specifications, except as otherwise provided below:

TRAFFIC CONTROL

All traffic control for the project shall be in accordance with the Special Provisions and the latest edition of the California Manual on Uniform Traffic Control Devices (California MUTCD) and the latest edition of the "Construction Area Traffic Control Devices" of CALTRANS Standard Specifications.

SUBMITTALS

The Contractor shall submit eight (8) copies of the following shop drawings to the Engineer for review and approval at least ten (10) days before drawings will be required for ordering materials and commencing the work. Each shop drawing and sample submission shall bear a stamp or specific written indication that the Contractor has satisfied the Contractor's review and approval of that submission. The Contractor shall provide specific written notice of any variations that the shop drawings may have from the requirements of the Contract Documents.

Within 8 calendar days of receipt of shop drawings, the Engineer will return two (2) copies of each drawing to the Contractor with his comments thereon. If so indicated, the Contractor shall make corrections required by the Engineer and shall return the required number of corrected copies of Shop Drawings and submit as required new samples for review and approval. The Engineer's review and approval of Shop Drawings or samples shall not relieve the Contractor from responsibility for any variation from the requirements of the

Contract Documents. Shop drawings shall be submitted but not limited to the following items:

- A. The Contractor shall submit a tunnel construction schedule, which includes casing installation, carrier pipe installation, approach trench backfills, and receiving pit backfill.
- B. The Contractor shall submit manufacturer's specification and information and regarding to all materials to be used on the work site.

1.0 GENERAL

The latest Caltrans Standard Specifications shall apply to the work to be completed within the Caltrans Right-of-Way.

The Technical Specifications for the work to be completed shall comply with the City of Imperial Standard Specifications and Details, the latest Caltrans Standard Specifications 2010, and the Specifications as required in this Technical Conditions Section. Major material component standard specifications have been included in these Technical Specifications. Some of the major material component standard specifications refer to other Caltrans Standard Specifications, 2010. These "referred to" specifications have not been included in this Technical Specifications section. It shall be necessary to refer to the Caltrans Standard Specifications, 2010 document to review the "referred to" sections. If pertinent specifications are not included within these Technical Specifications, refer to Caltrans Standard Specifications, 2010.

If there is any conflict between the Specifications, the most stringent Specification shall prevail.

Payment of each work item shall be based on the item of work and the unit of measure shown in the bid item list.

2.0 EXISTING FACILITIES

Performing work on existing facilities such as demolition, cold planning, disposal, etc. shall conform to the provisions in Sections 15-1 through 15-3 of Section 15, "Existing Facilities," of the Standard Specifications.

3.0 PRESERVATION/PERPETUATION OF SURVEY MONUMENTS

The Contractor shall be responsible for protecting all existing horizontal and vertical survey controls, monuments, ties and benchmarks located within the limits of the project. If any of the above require any removal, relocating or resetting, the Contractor shall, prior to any construction work and under the supervision of a California-licensed surveyor or pre-1972 licensed civil engineer, establish sufficient temporary ties and bench marks to enable the points to be reset by the Contractor after completion of construction.

Any ties, monuments and benchmarks disturbed during construction shall be reset after construction per City of Imperial or County of imperial standards, as applicable, and the tie notes submitted to the City of Imperial or County of Imperial on 8-1/2" x 11" note paper. The Contractor and its sureties shall be liable for, at its expense, any resurvey required due to its negligence in protecting existing ties, monuments, benchmarks or any such horizontal and vertical controls.

The Contractor shall comply with The Land Surveyors Acts #9771 (Record of Surveys-Monumentation) and #8773 (Corner Records-Records of Survey for "Lost Corners").

4.0 SUBBASE PREPARATION

The native material beneath P.C.C. concrete and asphalt concrete infrastructure including but not limited to P.C.C. driveway entrances, P.C.C. sidewalks, P.C.C. ribbon gutters, cross-gutter, P.C.C. curb and gutter, P.C.C. sidewalk, P.C.C. spandrels, P.C.C. transition areas and A.C. pavement shall be excavated to ± 0.05 feet of design subbase grade.

The design subbase grade shall be field verified and approved by the construction manager or City Inspector prior to the placement of granular sand fill, crusher fines or class 2 base. The construction manager/City Inspector shall determine the number and location of points to check for the subbase grade elevation compliance. prior to the construction manager's inspection of the subbase grade the contractor shall establish blue top hubs (stakes set to design subbase grade) 50 feet on center along street sections.

5.0 SUBGRADE PREPARATION

The class 2 base, sand or crusher fines beneath AC pavement and concrete infrastructure shall be placed to within ± 0.02 feet of design subgrade prior to the placement of AC pavement or P.C.C. concrete. The construction manager or City Inspector shall field verify the subgrade elevations in the field prior to the placement of class 2 base, granular sand material or crusher fines. Placement of P.C.C. concrete or AC pavement shall not be allowed until the construction manager or City Inspector has approved the subgrade design grade

6.0 SAND

Clean granular sand free of clay, shale and deleterious material shall be delivered to the site and placed as noted on the plans. Sand shall be compacted to 90 percent of maximum density at optimum water content per ASTM D-1557 unless otherwise noted on the plans. The material shall conform to a sand equivalent of 30 or greater. The maximum amount of material passing the number 200 sieve shall be 7 percent. The sand shall conform to the following gradation percentages:

<u>SIEVE SIZE</u>	<u>PERCENT PASSING</u>
3/8"	100

NO. 4	98-90
NO. 8	90-75
NO. 10	75-60
NO. 16	60-50
NO. 30	50-38
NO. 40	38-29
NO. 50	29-19
NO. 100	19-7
NO. 200	7-0

The contractor shall supply a five-gallon sample of sand material to the material testing laboratory within four (4) days after the notice to proceed is issued. The gradation, sand equivalent and maximum density of the sand material shall be determined. The test results shall be forwarded to the construction manager or City Inspector. The cost of testing shall be incurred by the contractor. The gradation of the granular sand shall be determined, and the test results forwarded to the construction manager or City Inspector prior to the delivery of the granular sand material to the construction site. Prior to the placement of sand, the native subbase grade shall be checked and approved by the construction manager or Inspector.

Crusher fines shall be allowed to be utilized in lieu of sand if approved by the City engineering department.

7.0 **CRUSHER FINES**

Crusher fines shall consist of decomposed granite indigenous to the imperial valley. Crusher fines utilized for this project shall conform to the following gradation requirements:

<u>SIEVE SIZE</u>	<u>PERCENT PASSING</u>
5/8"	100
NO. 4	80 – 100
NO. 8	50 - 85
NO. 30	30 - 50
NO. 200	4 - 15

The sand equivalent shall be 20 or greater.

8.0 **CLASS 2 BASE**

The class 2 base material shall conform to Caltrans standard specifications section 26, latest edition, for ¾ inch maximum base material. The gradation requirements are as follows:

<u>SIZE</u>	<u>PERCENT PASSING</u>
1 IN/25.00MM	100
¾ IN/19.00MM	87-100
#4/4.75MM	30-65

#30/600MM
#200/75.00MM

5-35
0-12

The sand equivalent shall be 25 or greater. An angular aggregate is to be used. Class 2 base material shall be compacted to 95 percent of maximum density according to ASTM D-1557, unless otherwise noted on the plans or details. The tolerance for the class 2 base between design subgrade elevation and actual subgrade elevation as constructed in the field shall be plus or minus 0.02 feet as referenced from the design subgrade. Prior to the placement of class 2 base the native subbase grade shall be checked and approved by the construction manager or City Inspector. The native subbase grade shall be within plus or minus 0.05 feet of native subbase design grade prior to the placement of class 2 base.

The contractor shall supply a five-gallon sample of the class 2 base to the material testing laboratory within four (4) days of the notice to proceed. The material shall be delivered to the testing laboratory to determine the maximum density, gradation, r-value, sand equivalent and durability index of the class 2 base. A copy of the test results shall be forwarded to the construction manager or City by the geotechnical consultant for review. The gradation of the class 2 base shall be determined, and the test results forwarded to the construction manager or City for approval prior to the delivery of the class 2 base material to the construction site. Class 2 base utilizing recycled materials shall be allowed in lieu of virgin class 2 base as long as the specifications meet the Caltrans standard specifications section 26.

9.0 P.C.C. CONCRETE

P.C.C. shall meet section 90-2 minor concrete of the latest Caltrans standard specifications.

P.C.C. concrete, utilized for but not limited to, curb and gutter, barrier curb, spandrels, cross-gutter, valley gutter, ribbon gutters, residential and commercial driveways, sidewalks and all other concrete infrastructure shall contain a minimum of 7 sacks of cement per cubic yard of concrete and attain 5,000 p.s.i. compressive strength after 28 days curing unless stated otherwise on the plans. The P.C.C. shall contain 1 ½ lbs. of polypropylene fiber per cubic yard. A concrete mix design is to be submitted to the construction manager or City representative within five (5) days after the issuance of the notice to proceed. New formwork shall be utilized in the construction of every concrete facility. The formwork shall be true to line and grade. The vertical flowline elevation tolerance shall be +/- 0.02 feet for design grade for slopes of 1.0% or greater, +/- 0.01 for design grade for slopes less than 1.0%. The construction manager or City Inspector shall check the formwork for line and grade prior to the placement of concrete. The contractor shall notify the construction manager 72 hours prior to the required inspection. Exposed surfaces of concrete areas shall receive a double trowel finish. Weakened plane joints shall be placed every 8 lineal feet for ribbon gutter, cross gutter and valley gutter construction unless otherwise illustrated on the standard plans. Expansion joints shall be placed every 64 feet along curb and gutter, barrier curb, valley gutter and sidewalk construction unless otherwise illustrated on the standard plans. Installation of curb and gutter, valley gutter and cross-gutters shall begin at the lowest elevation and proceed uphill. A total of one (1) set of cylinders and one (1) slump test shall be required for every 50 cubic yards of concrete, except that a minimum of one (1) set of cylinders and slump test shall be required each day twenty (20) or more yards of concrete are placed at a project site.

The maximum allowable slump shall be 4 inches. A set of cylinders shall be composed of three (3) cylinders. The first cylinder of a set shall be tested after seven (7) days curing. The second cylinder of a set shall be tested after 28 days curing. The third cylinder shall be held in reserve and tested if directed by the construction manager or City representative. The test results will be forwarded to the construction manager or City for review. The construction manager or City Inspector shall receive a concrete vendor slip for each truck load of concrete delivered to the project site.

Prior to the placement of concrete, the subgrade depth shall be inspected to ensure that the full depth of concrete, as noted on the plans, is attained. Excess fill material shall be removed as required by the construction manager or City Inspector. The form boards shall be checked for the proper elevation. Compaction tests on the subgrade shall have achieved the density requirements specified. The construction manager or City Inspector shall then allow the placement of concrete.

The concrete shall be screeded and floated. All edges shall be struck with a concrete edger. Weakened plane joints shall be established at right angles to the sidewalk edge as illustrated on the standard drawings. The weakened plane joints shall be 3/8 inch in width and 3/4 inch in depth. Expansion joints consisting of 1/2-inch-thick fiberboard material shall be placed across the full section of the P.C.C. sidewalk every 64 lineal feet, or as required by the standard plans. After the concrete surface has been floated and cured adequately, it shall receive a double trowel finish. The troweling shall be accomplished by hand with a steel trowel. The surface of the concrete shall receive a light broom finish after the surface is double troweled. The surface of the concrete shall be smooth and true to grade. Tolerance for the concrete surface shall be 1/8 inch in 10 lineal feet with maximum high and low variance not occurring in less than 20 feet. The contractor shall maintain the concrete surface moist or wet for a 24-hour period after the concrete is placed and finished troweled. Placement of burlap bags or used carpet over the concrete surface and a continuous application of water over the concrete surface will be required for a 24-hour period. After the 24-hour period, a concrete sealer shall be applied to all new P.C.C. concrete surfaces. The concrete surfaces shall be cleaned of all dirt and residue prior to the placement of the concrete sealer. Concrete shall not be placed after 10:00 a.m. on Fridays.

10.0 A.C. PAVEMENT

The asphalt concrete mix shall meet section 39 of the latest Caltrans standard specifications and the following requirements:

Aggregate base shall be 3/4-inch maximum, medium. The asphalt concrete shall conform with the following percentages:

<u>Sieve Size</u>	<u>Percent Passing</u>	<u>Limits of Proposed Gradation – X</u>
25.00mm	100	----
19.00mm	90 – 100	----
9.50mm	60 – 85	----
4.75mm	X +/- 8	49 – 54
2.36mm	X +/- 8	36 – 40
600.00mm	X +/- 8	18 – 21
75.00mm	0 – 11	----

In the table above, “x” is the gradation which the contractor proposes to furnish for specific sieve.

Asphalt binder shall be pg 70-10 in accordance with the approved A.C. mix design.

The asphalt concrete shall be type “A” as set forth in the State of California, Department of Transportation, Standard Specifications, Section 39, latest edition.

11.0 N/A

12.0 N/A

13.0 MANHOLE FRAMES AND COVERS

All manhole frames and covers, valve boxes and lids, and other similar existing utilities shall be raised to the grade of the finished pavement surface by the contractor. Manhole frames and covers, and similar utility covers shall be lowered a minimum of 3 inches below the design pavement surface prior to the installation of A.C. pavement. Manhole frames and covers, and other lids shall be raised after paving operations have occurred. 8-inch wide, 8-inch deep concrete collars shall be poured concentric with the outside of valve extension risers 3/8 inches below the finish pavement surface. A one (1) foot wide, one (1) foot deep concrete collar shall be poured concentric with the outside of all manhole frames and covers 3/8 inches below the surface of the pavement. Manhole frames and covers shall be raised with concrete grade rings 3/8 inches below the new street pavement surface elevation. The manhole frame and covers and valve extension risers and covers shall be raised 3/8 inches below the pavement grade after paving operations are complete.

14.0 STRIPING APPLICATION

14.1 DESCRIPTION

This item shall consist of the painting of markings and stripes on the surface of the A.C. pavement in accordance with the locations and requirements illustrated on the striping and signage plan. All painting of markings and stripes shall conform to Caltrans standard plans and specifications, latest edition, unless noted otherwise.

14.2 MATERIALS

14.2.1 PAINT

Paint shall meet the requirements of the standard specifications for public works construction, “Greenbook”, 2012 edition, section 214-4.2 and the table 214-4.1(a).

14.2.2 REFLECTIVE MEDIA

A glass sphere reflective media shall be required per section 214-3 of the standard specifications for public works construction, "Greenbook", 2012 edition.

14.3 CONSTRUCTION METHODS

14.3.1 WEATHER LIMITATIONS

The painting shall be performed only when the surface is dry, when the atmospheric temperature is above 60 degrees f., and when the weather is not foggy or windy.

14.3.2 EQUIPMENT

All equipment for the work shall be approved by the construction manager or City Inspector and shall include the apparatus necessary to properly clean the existing surface, a mechanical marking machine, and such auxiliary hand-painting equipment as may be necessary to satisfactorily complete the job. The mechanical marker shall be an atomizing spray-type marking machine suitable for application of traffic paint. It shall produce an even and uniform film thickness at the required coverage and shall be designated so as to apply markings of uniform cross sections and clear-cut edges without running or spattering.

14.3.3 PREPARATION OF SURFACE

Immediately before application of the paint, the pavement surface shall be dry and free from dirt, grease, oil, laitance, or other foreign material which would reduce the bond between the paint and the pavement. The area to be painted shall be cleaned by sweeping and blowing or by other methods as required to remove all dirt, laitance, and loose materials.

14.3.4 LAYOUT OF MARKINGS

The proposed markings shall be laid out in advance of the paint application according to the dimensions required by the plans and specifications or by Caltrans standards.

14.3.5 APPLICATION

Markings shall be applied at the locations and to the dimensions and spacing shown on the plans. Paint shall not be applied until the layout and condition of the surface have been approved by the construction manager or City Inspector. The paint shall be mixed in accordance with the manufacturer's instructions and applied to the pavement with a marking machine at a rate specified in the standard specifications for public works construction, "Greenbook", 2012 edition, section 214. The addition of thinner will not be permitted. The edges of the markings shall not vary from a straight line more than ¼ inch in 50 feet, and the dimensions shall be within a tolerance of plus or minus 2 percent. The contractor shall furnish certified test

reports for the materials shipped to the project. The reports shall not be interpreted as a basis for final acceptance. The contractor shall notify the construction manager or City Inspector upon arrival of shipment of the paint to the job site. All emptied containers shall be returned to the paint storage area for checking by the construction manager or City Inspector. The containers shall not be removed from the project site or destroyed until authorized by the construction manager.

14.3.6 PROTECTION

After application of the paint, all markings shall be protected from damage until the paint is dry. All surfaces shall be protected from disfiguration by spatter, splashes, spillage or drippings of paint.

14.3.7 MATERIAL REQUIREMENTS

Rapid dry paint: the paint shall conform with the rapid dry paint specified in the standard specifications for public works construction, "Greenbook", 2012 edition, section 214.

15.0 TACK COAT (SS1H) APPLICATION

Tack coat application shall be in accordance with the Standard Specifications for Public Works Construction, the "Greenbooks" or as specified herein.

If the asphalt concrete pavement is being constructed directly upon an existing hard-surfaced pavement, a tack coat of PG 64-10 paving asphalt at an approximate rate of 0.05 gallon per square yard (0.25 L/m²) or SS-1h emulsified asphalt at an approximate rate of 0.05 to 0.10 gallon per square yard (0.25 to 0.45 L/m²) shall be uniformly applied upon the existing pavement preceding the tack coat is applied. To minimize public inconvenience, no greater area shall be treated in any one day than is planned to be covered by asphalt concrete during the same day, unless otherwise approved by the Construction Manager or City Inspector.

A similar tack coat shall be applied to the surface of any course, if the surface is such that a satisfactory bond cannot be obtained between it and a succeeding course.

The contact surfaces of all cold pavement joints, curbs, gutters, manholes, and the like shall be painted with either SS-1h emulsified asphalt or PG 64-10 paving asphalt per the application rate, as specified in the Caltrans Standard Specifications Section 39-1.09C, immediately before the adjoining asphalt concrete is placed.

Full compensation for furnishing all labor, materials, tools and equipment and for doing all the work involved in tack coat application shall be considered as included in the contract unit price paid per the tonnage of asphalt pavement installed and no additional compensation shall be allowed, therefore.

END OF SECTION

**Appendix A
CALIFORNIA STATE
GENERAL PREVAILING WAGE RATES**

**THE CONTRACTOR SHALL CHECK WITHIN 10 DAYS OF
THE BID OPENING THE LATEST WAGE RATES**

Appendix B
FEDERAL PREVAILING WAGE

**APPENDIX C
CONSTRUCTION PROJECT PLANS**

CITY OF IMPERIAL

LA BRUCHERIE WIDENING PROJECT FROM ATEN BLVD. TO TRESHILL RD.

GENERAL NOTES

- CITY ENCROACHMENT PERMIT CONDITIONS AND PROVISIONS SHALL TAKE PRECEDENCE OVER THE APPROVED PLANS AND SPECIFICATIONS FOR ANY CONFLICTS.
- THE STRUCTURAL SECTION SHALL BE IN ACCORDANCE WITH IMPERIAL CITY STANDARDS (OR COUNTY OF IMPERIAL IF IN COUNTY OF IMPERIAL ROW) AND AS APPROVED BY THE PUBLIC WORKS DIRECTOR (OR COUNTY OF IMPERIAL).
- APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
- ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF BERM, CURB, CROSS-GUTTER AND PAVING.
- THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY OTHER WHICH IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
- UTILITIES COORDINATION
NO LESS THAN 3 WORKING DAYS PRIOR TO ANY EXCAVATION OR TRENCHING, EACH CONTRACTOR DOING SUCH WORK SHALL CONTACT THE FOLLOWING AGENCIES SO THAT EXISTING UNDERGROUND UTILITIES MAY BE LOCATED. THE AGENCY MAY REQUIRE AN INSPECTOR TO BE PRESENT.
 1. COUNTY OF IMPERIAL, DEPT. OF PUBLIC WORKS (442) 265-1818
 2. IMPERIAL IRRIGATION DISTRICT (POWER) (760) 482-3406
 3. IMPERIAL IRRIGATION DISTRICT (WATER) (760) 339-9507
 4. AT&T (800) 337-3358
 5. SOUTHERN CAL GAS CO. (760) 331-5812
 6. SPECTRUM (760) 335-4918
 7. CITY OF IMPERIAL (760) 355-1152
 EXISTING UNDERGROUND UTILITIES
 BEFORE EXCAVATING FOR THIS CONTRACT, VERIFY LOCATION OF UNDERGROUND UTILITIES. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS HAS BEEN OBTAINED FROM AVAILABLE RECORDS ONLY AND MAY NOT REFLECT ALL EXISTING UTILITIES. LOCATION OF ALL EXISTING UTILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS BY CONTRACTOR PRIOR TO CONSTRUCTION OF WORK.
 CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
 ACCURATE VERIFICATION AS TO SIZE, LOCATION AND DEPTH OF EXISTING UNDERGROUND SERVICES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL NOTIFY THE SOUTHERN CALIFORNIA GAS COMPANY, AT&T, TIME WARNER CABLE AND OTHER COMMUNICATION COMPANIES, IMPERIAL IRRIGATION DISTRICT AND ANY OTHER AFFECTED UTILITY AGENCIES PRIOR TO STARTING HIS WORK NEAR SUCH UTILITY FACILITIES AND SHALL COORDINATE HIS WORK WITH UTILITY REPRESENTATIVES. FOR LOCATION OF UNDERGROUND UTILITIES AND APPURTENANCES, CONTACT "UNDERGROUND SERVICE ALERT" AT 811 (FORMERLY 1-800-422-4133).
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE UTILITY AGENCIES, ADVISE THEM OF THE PROPOSED IMPROVEMENTS AND BEAR THE COST OF REALLOCATIONS, IF NEEDED.
- CONSTRUCT A PUBLIC STREET LIGHT SYSTEM CONFORMING TO APPROPRIATE STANDARDS AND STREET LIGHT SPECIFICATIONS. POWER SOURCES AND RUNS SHALL BE SHOWN ON THE "AS-BUILT" IMPROVEMENT DRAWINGS. ALL POWER SOURCES SHALL BE LOCATED WITHIN THE DEDICATED RIGHT-OF-WAY EASEMENT.
- NO PAVING SHALL BE DONE UNTIL EXISTING POWER POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.
- PRIVATE ROAD IMPROVEMENTS SHOWN HEREON ARE FOR INFORMATION ONLY. CITY OFFICIALS SIGNATURE HEREON DOES NOT CONSTITUTE APPROVAL OR RESPONSIBILITY OF ANY KIND FOR THE DESIGN OR CONSTRUCTION OF THESE PRIVATE IMPROVEMENTS.
- ALL SIGNS TO BE ALUMINUM WITH 3M HIGH INTENSITY TYPE REFLECTIVE FACE OR EQUIVALENT.
- CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY STRIPING, PAVEMENT MARKERS, OR LEGENDS OBLITERATED BY THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL DO ALL NEW STRIPING AND HYDROBLASTING OF REDUNDANT STRIPING.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AN ENCROACHMENT PERMIT FROM THE CITY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS FOR ANY EXCAVATION OR CONSTRUCTION WITHIN CITY ROAD RIGHT-OF-WAY, COUNTY OF IMPERIAL PUBLIC WORKS DEPARTMENT FOR ANY EXCAVATION CONSTRUCTION WITHIN COUNTY OF IMPERIAL ROAD RIGHT-OF-WAY OR THE ID FOR ANY WORK WITHIN ID RIGHT-OF-WAY. FOR INSPECTIONS, 48 HOUR MINIMUM NOTICE IS REQUIRED. (760) 355-1152. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THE CONTACT NUMBER IS 811. ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL FROM THE CITY OF IMPERIAL OR COUNTY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS OR THEIR REPRESENTATIVES.

APPROVED

CITY OF IMPERIAL

BY: *Jup* DATE: 02/07/2022

SHEET INDEX

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	TOPO AND DEMOLITION PLAN
3	PLAN & PROFILE
4	PLAN & PROFILE
5	PLAN & PROFILE
6	STRIPING & SIGNAGE PLAN
7	TRAFFIC SIGNAL PLAN
8	TRAFFIC SIGNAL DETAILS
9	EROSION CONTROL PLAN
10	SPECIFICATION & DETAILS
11	DETAILS
12	DETAILS & CROSS SECTIONS

LEGEND

ITEM NO.	ITEM	SYMBOL	ITEM NO.	ITEM	SYMBOL
1.	CONSTRUCTION LIMITS	---	17.	STREET LIGHT	⊙
2.	EXISTING ID ROW	---	18.	FIRE HYDRANT	⊙
3.	EXISTING ROAD ROW	---	19.	CHAIN LINK FENCE	⊗
4.	ID ENCROACHMENT LINE	---	20.	EXISTING POWER POLE	⊙
5.	EXISTING A.C. PAVEMENT	▨	21.	WATER VALVE	⊙
6.	NEW A.C. PAVEMENT	▨	22.	MANHOLE	⊙
7.	NEW A.C. PAVEMENT OVERLAY	▨	23.	WATER METER	⊙
8.	EXISTING P.C.C. SIDEWALK AND CURB AND GUTTER	▨	24.	SIGN WITH POST	⊙
9.	NEW P.C.C. SIDEWALK AND CURB AND GUTTER	▨	25.	MONUMENT	⊙
10.	REMOVE A.C. PAVEMENT AREA	▨	26.	GAS METER	⊙
11.	EXISTING 8" WATER LINE	---(8"W)---	27.	MAIL BOX	⊙
12.	EXISTING 12" SEWER LINE	---(12"SS)---	28.	TREE	⊙
13.	EXISTING OVERHEAD ELECTRICAL	---(OHE)---	29.	BACKFLOW PREVENTOR	⊙
14.	EXISTING GAS PIPELINE	---(GAS)---			
15.	EXISTING CABLE TV LINE	---(CATV)---			
16.	ROAD CENTERLINE	---C---			

BENCHMARK:
 PROJECT BENCHMARK:
 TOP OF BRASS DISK STAMPED "D 1225 1971" ON TOP OF CONCRETE RETAINING WALL FOR GEODETIC MARKER WITH PID: 080676, SHOWN AS MONUMENT NUMBER 47 IN RECORD OF SURVEY MAP FILED IN BOOK 21 PAGES 1 THRU 25 IN THE OFFICE OF THE COUNTY RECORDER OF IMPERIAL COUNTY.
 ELEVATION = -54.485 (NAVD 88)
 EQUATION = ADD 1,043 FEET TO OBTAIN POSITIVE ELEVATION NUMBER
 VALUES = 988.51, AND MATCH CITY OF IMPERIAL BENCHMARK ELEVATION.
 TEMPORARY BENCHMARK #1 (TBM#1)
 BM "1" ON THE SOUTH WALL OF CONCRETE VAULT LOCATED NORTH OF TRESHILL ROAD
 ELEVATION = 951.56
 ID ELEV. = 951.46 FB 7881.49C
 ID EQUATION: ELEV - 0.10 = ID ELEV.
 TEMPORARY BENCHMARK #2 (TBM#2)
 BM BRASS PLUG FD. ON THE WEST UPSTREAM WINGWALL OF CHECK AT DEL. #47
 ELEVATION = 949.86
 ID ELEV. = 948.46 FB 7881.47A
 ID EQUATION: ELEV - 0.40 = ID ELEV.

ABBREVIATIONS

%	PERCENT	LP	LIP OF CURB IN DRIVEWAYS
AGG.	AGGREGATE	LP	LOW POINT
APP.	APPROXIMATE	M.H.	MANHOLE
A.C.P.	ASBESTOS CEMENT PIPE	MAX.	MAXIMUM
A.C.	ASPHALT CONCRETE	M.J.	MECHANICAL JOINT
AWWA	AMERICAN WATER WORKS ASSOCIATION	MIN.	MINIMUM
AZ	AZIMUTH	MISC.	MISCELLANEOUS
B.C.	BEGINNING OF CURVE RADIUS	N.T.S.	NOT TO SCALE
BLDG.	BUILDING	O.D.	OUTSIDE DIAMETER
B.V.	BUTTERFLY VALVE	OHE	OVERHEAD ELECTRICAL LINE
C.H.	CHORD	P.C.C.	PORTLAND CEMENT CONCRETE
C.I.	CAST IRON	P.E.	PLAIN END
CIRC	CIRCUMFERENTIAL CENTERLINE	P.I.G.	POINT OF INTERSECTING GRADES
CLR	CLEAR	P.I.T.	POINT OF INTERSECTING TANGENTS
C.M.C.	CEMENT MORTAR COATED	P.P.	POWER POLE
DA	DIAMETER	P.V.C.	POLY VINYL CHLORIDE
D.I.	DUCTILE IRON	P/S	PRESTRESSING
DWG	DRAWING	R.	REINFORCED CONCRETE
D/W	DRIVEWAY	R.O.W.	RIGHT-OF-WAY
Δ	DELTA	R/C	REINFORCED CONCRETE SCHEDULE
E.C.	END OF CURVE RADIUS	SQ	SQUARE
EF	EACH FACE	S	SLOPE
EL	ELEVATION	S.S.	STAINLESS STEEL
E.P.	EDGE OF PAVEMENT	STA	STATION
EW	EACH WAY	S/W	SIDEWALK
EXTG	EXISTING	TBD	TO BE DETERMINED
F.F.	FINISH FLOOR ELEVATION	T.C.	TOP OF CURB OR TOP OF CONCRETE
FG	FINISHED GRADE	TMH	TOP OF MANHOLE
FL	FLOWLINE	TOF	TOP OF FLOOR
FL	FLANGED	TOW	TOP OF WALL
F.S.	FINISH SURFACE	T.P.	TOP OF PAVEMENT
GALV	GALVANIZED	TYP.	TYPICAL
H.D.	HIGH DENSITY POLYETHYLENE	UNO	UNLESS NOTED OTHERWISE
HP	HIGH POINT	VCP	VITRIFIED CLAY PIPE
HPUD	HEBER PUBLIC UTILITY DISTRICT	VERT	VERTICAL
HW	HIGH WATER		
I.D.	INSIDE DIAMETER		
I.I.D.	IMPERIAL IRRIGATION DISTRICT		
IE	INVERT ELEVATION		
INV.	INVERT		
L	LENGTH		

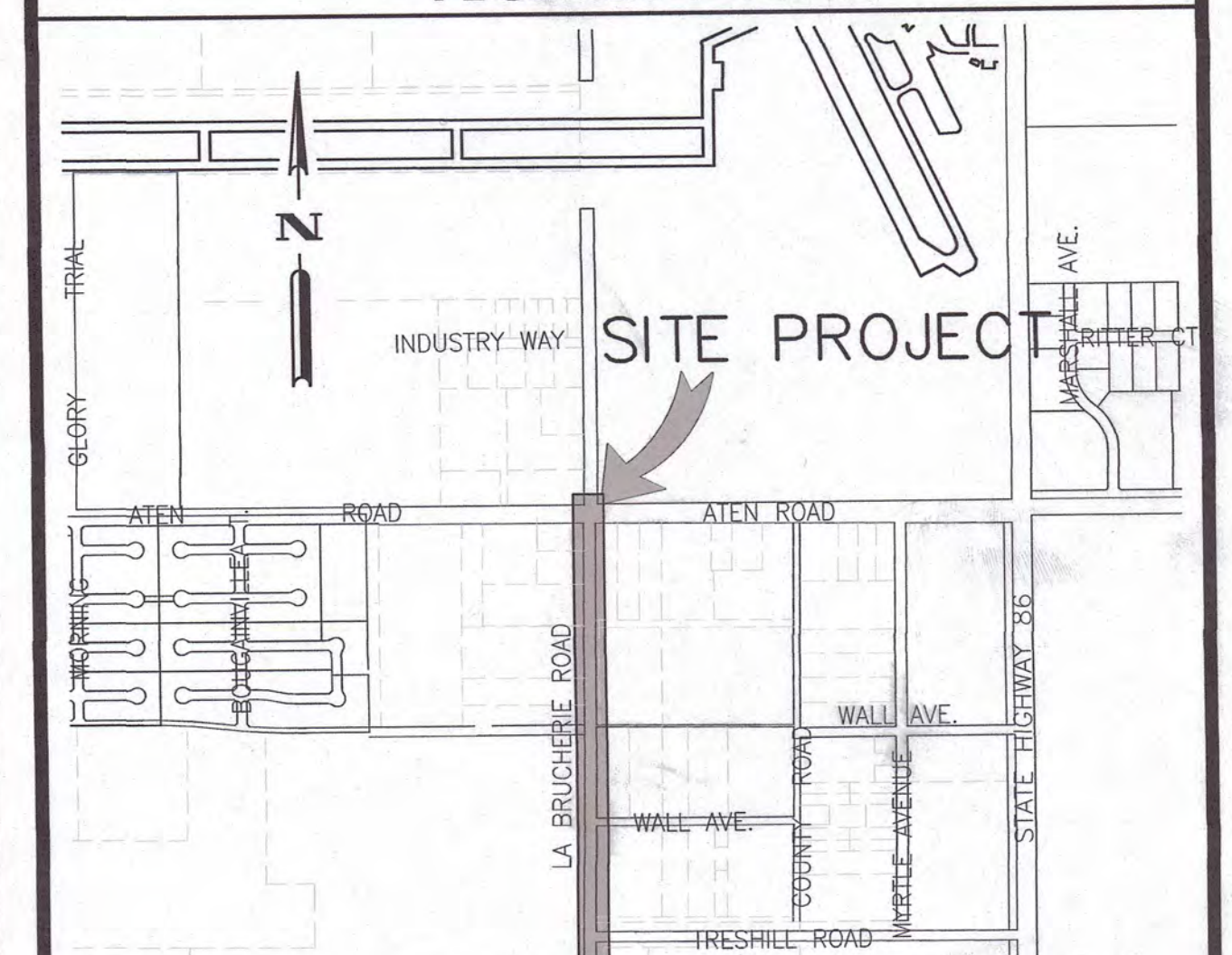
CITY COUNCIL

KARIN EUGENIO	MAYOR
GEOFFREY D. DALE	MAYOR PRO-TEM
ROBERT AMPARANO	COUNCIL MEMBER
KATIE BURNWORTH	COUNCIL MEMBER
JAMES TUCKER	COUNCIL MEMBER

CITY STAFF

DENNIS H. MORITA	CITY MANAGER
DENNIS H. MORITA	CITY CLERK
JACKIE LOPER	PUBLIC WORKS DIRECTOR
OTHON MORA	COMMUNITY DEVELOPMENT DIRECTOR
ALFREDO ESTRADA JR.	FIRE CHIEF
LEONARD J. BARRA	POLICE CHIEF
STACEY COX	CITY TREASURER
GEOFFREY P. HOLBROOK	CITY ATTORNEY

VICINITY MAP



PROJECT DESCRIPTION

THE PROJECT CONSIST WIDENING THE ROADWAY FROM TWO (2) LANES TO FOUR (4) FULL LANES; THE RELOCATION OF UTILITIES, NEW SIDEWALK, CURB AND GUTTER, ASPHALT ROAD RESURFACING, ADA COMPLIANT CURB RAMPS AND STRIPING, THE MODIFICATION OF TRAFFIC SIGNAL AT ATEN ROAD AND LA BRUCHERIE ROAD TO ACCOMMODATE FOUR LANES, UPGRADING EXISTING TRAFFIC SIGNAL HARDWARE BY INSTALLING NEW PEDESTRIAN COUNTDOWN SIGNAL HEADS, ACCESSIBLE PEDESTRIAN SIGNAL (APS) PUSH BUTTONS ETC.

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF THE WORK OF THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION OF 6703 OF THE BUSINESS AND PROFESSIONS CODE AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.
 I UNDERSTAND THAT THE CHECK OF THE PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF IMPERIAL IS CONFINED TO REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITY FOR PROJECT DESIGN.

CARLOS CORRALES
 LC ENGINEERING CONSULTANTS INC.
 1065 STATE STREET
 EL CENTRO, CALIFORNIA 92243
 (760)353-8110



BY: *Carlos Corrales*
 CARLOS CORRALES
 R.C.E. No. 55,432

DATE: 2-02-2022
 EXPIRATION DATE: 12/31/22

UNDERGROUND SERVICE ALERT
 CALL: TOLL FREE
 811
 TWO WORKING DAYS
 BEFORE YOU DIG

DATE	BY	MARK	REVISIONS
2/26/21	STAFF		PLANCHECK BY ID 1/11/21
6/21/21	STAFF		PLANCHECK BY ID 5/11/21
11/02/21	STAFF		PLANCHECK BY ID 10/14/21

APPR. DATE CITY

APPROVED BY DIRECTOR OF PUBLIC WORKS

CITY OF IMPERIAL, CA.

BY: *Jackie Loper*
 JACKIE LOPER

DATE: 2-7-22

R.C.E. No.:

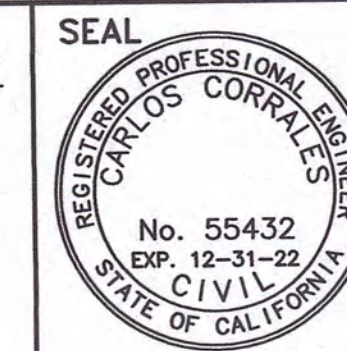
ENGINEER OF RECORD

PLANS PREPARED UNDER THE SUPERVISION OF

BY: *Carlos Corrales*
 CARLOS CORRALES

DATE: 2-02-2022

R.C.E. No.: 55432



LC ENGINEERING CONSULTANTS INC.
 CIVIL ENGINEERING • LAND SURVEYING • CONSTRUCTION MANAGEMENT SERVICES
 1065 State Street
 El Centro CA 92243
 www.lc-inc.com
 info@lc-inc.com
 760.353.8110
 760.353.6468
 DATE: 12/02/21 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL

IMPROVEMENT PLANS
 TITLE SHEET
 LA BRUCHERIE WIDENING PROJECT
 FROM ATEN BLVD. TO TRESHILL RD.

W.O.

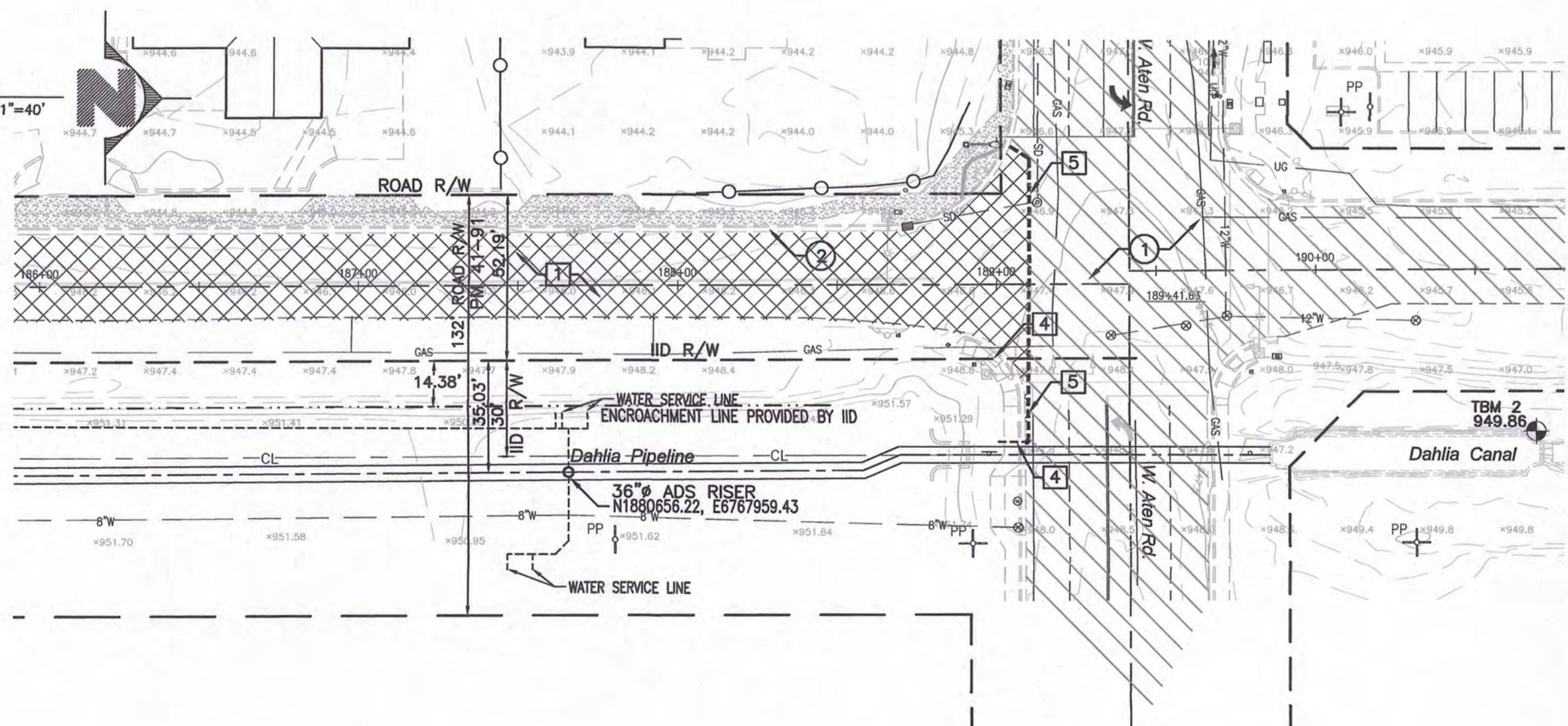
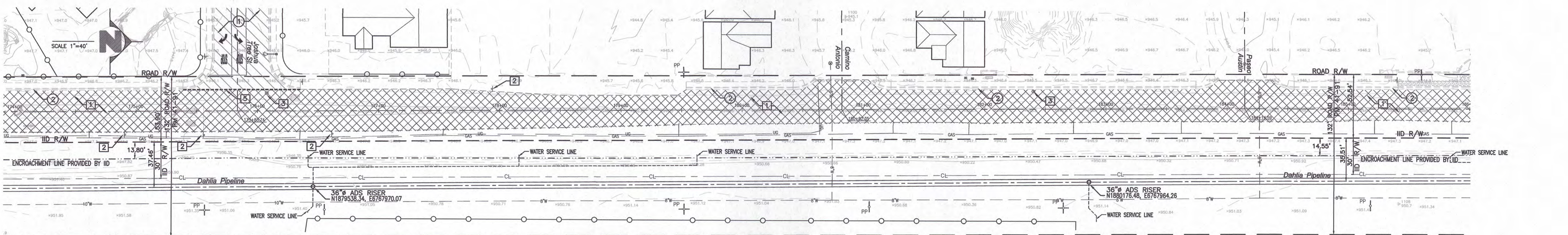
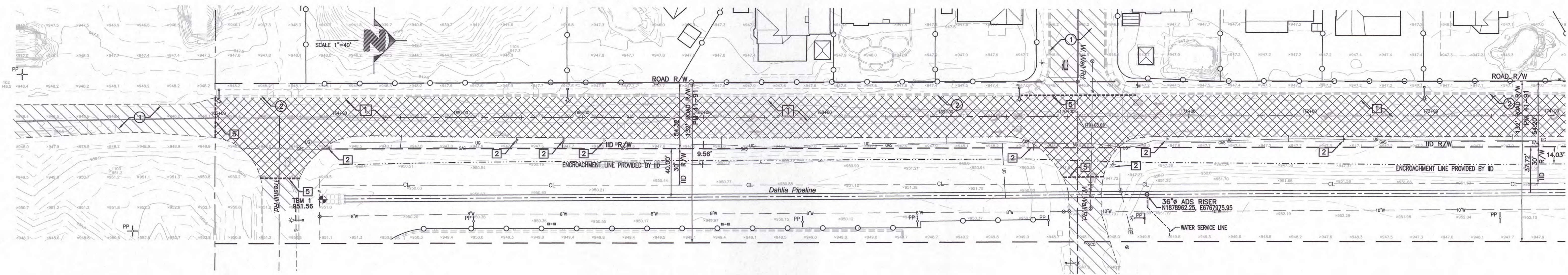
SHEET

1 OF

12 SHEETS

JOB NO.

C19033-00



IID ENCROACHMENT PERMIT WILL BE REQUIRED PRIOR TO START ANY WORK WITHIN IID RIGHT OF WAY

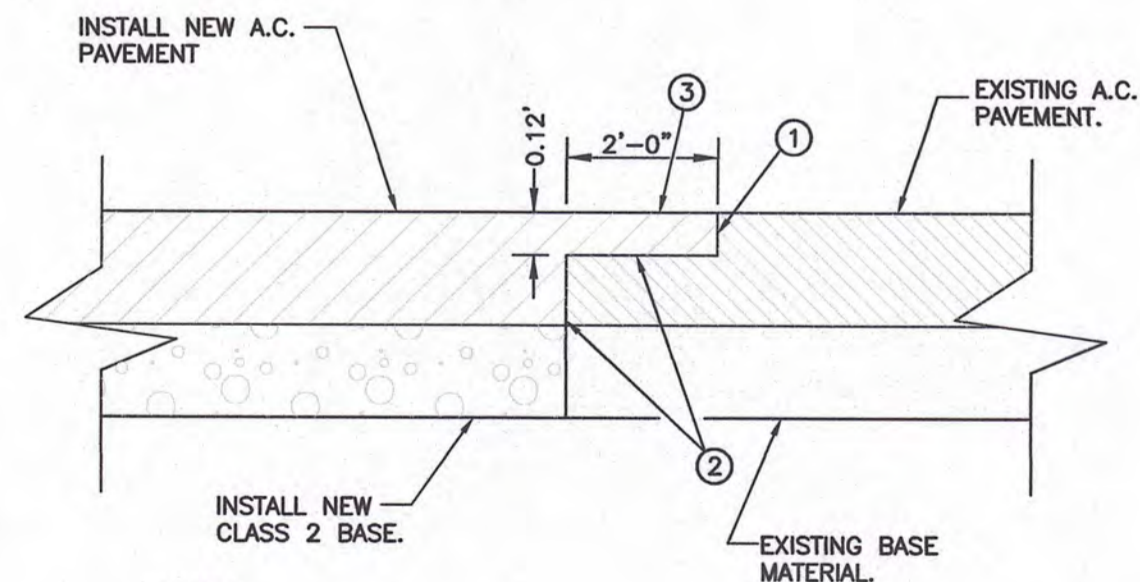
APPROVED
CITY OF IMPERIAL
BY *JIP* DATE *02/02/2022*

DEMOLITION NOTES:

- 1 REMOVE EXISTING ASPHALT & BASE SECTION AND DISPOSE OF MATERIAL
- 2 RELOCATE EXISTING STREET SIGN, SEE SHIT 6 FOR FINAL LOCATION.
- 3 EXISTING MANHOLE FRAME/COVER TO BE LOWERED 0.30' BEFORE PAVING, AFTER PAVING ADJUST MANHOLE FRAME/COVER TO 3/8" BELOW GRADE AND INSTALL A PCC CONCRETE RING ONE FOOT WIDE AND ONE FOOT DEEP AROUND THE MANHOLE FRAME/COVER.
- 4 EXISTING PCC RAMP, CURB & GUTTER AND SIDEWALK TO BE REMOVED AND DISPOSED OFF.
- 5 SAWCUT/GRIND EXISTING PAVEMENT (1' MIN.) FOR THE FULL SECTION PER COLD PLANE DETAIL AND DISPOSE OF MATERIAL.

EXISTING NOTES:

- 1 EXISTING A.C. PAVEMENT TO REMAIN
- 2 EXISTING CURB AND GUTTER TO REMAIN



- NOTES:**
- 1 COLD PLANE 2 FOOT WIDE X 0.20 FOOT DEEP AREA FOR THE FULL WIDTH OF THE A.C. PAVEMENT.
 - 2 TACK COAT THE SAWCUT A.C. PAVEMENT EDGE AND COLD PLANE AREA WITH A GRADE SS-1H EMULSIFIED ASPHALT AT AN APPROXIMATE RATE OF 0.05 TO 0.10 GALLON PER SQUARE YARD. THE SS-1H EMULSIFIED ASPHALT SHALL BE UNIFORMLY APPLIED PRECEDING THE PLACEMENT OF THE NEW ASPHALT CONCRETE. THE SURFACE SHALL BE FREE OF WATER, FOREIGN MATERIAL OR DUST WHEN THE TACK COAT IS APPLIED.
 - 3 OVERLAY HEADER AREA TO MATCH NEW AND EXISTING A.C. SURFACES.
 - 4 WHERE PAVEMENT IS INSTALLED ON A PROJECT ON MORE THAN ONE DAY, A HEADER (AS HERE IN DESCRIBED) MUST BE PROVIDED AT THE CONSTRUCTION JOINT.

COLD PLANE DETAIL

NO SCALE

ENCROACHMENT LINE FOR LA BRUCHERIE ROAD PROJECT (40' FROM IID CL STREET) PROVIDED BY IID STAFF ON 01/28/2021

DAHLIA CANAL PIPELINE PROJECT - PHASE I		
STATION	40' FROM CL STREET	EXISTING CENTER LINE OF PIPELINE
164+03.74	N1878300.2592, E6767954.0429	N1878300.2300, E6767982.3043
165+00.00	N1878394.3076, E6767951.8474	
167+00.00	N1878594.2966, E6767949.1393	
169+70.00	N1878884.276, E6767947.164	1878864.276
170+66.00	N1878960.372, E6767949.778	N1878959.7100, E6767976.1810
173+00.00	N1879194.2693, E6767950.1747	
175+00.00	N1879394.2598, E6767948.1626	
175+80.34	N1879474.5954, E6767947.2831	N1879474.7800, E6767971.8900
176+50.00	N1879544.2550, E6767946.9675	

DAHLIA CANAL PIPELINE PROJECT - PHASE II		
STATION	40' FROM CL STREET	PROPOSED CENTER LINE OF PIPELINE
178+50.00	N1879744.2557, E6767946.3027	N1879744.4232, E6767968.5004
180+77.00	N1879971.2475, E6767944.6492	N1879971.4112, E6767966.3387
183+00.00	N1880194.2437, E6767943.0143	N1880194.4037, E6767964.2150
184+28.77	N1880323.0143, E6767941.3579	N1880194.4037, E6767964.2150
186+50.00	N1880544.2317, E6767940.0959	N1880544.3805, E6767960.8816
189+50.00	N1880744.2256, E6767938.5418	N1880744.3798, E6767958.9762

BENCHMARK TABLE

BM	DESCRIPTION	ELEV.
D1225	TOP OF BRASS DISK STAMPED "D 1225 1971" ON TOP OF CONCRETE RETAINING WALL FOR GEODETIC MARKER WITH PID: D80676	-54.485
TBM 1	BM "X" ON THE SOUTH WALL OF CONCRETE VAULT LOCATED NORTH OF TRESHILL ROAD IID FB 7881.48C	ELEV.=951.46
TBM 2	BM BRASS PLUG FD. ON THE W. UPSTREAM WINGWALL OF CHECK AT DEL #47, IID FB 7881.47A	ELEV.=849.46

UNDERGROUND SERVICE ALERT		2/26/21 STAFF	PLANCHECK BY IID 1/11/21
CALL: TOLL FREE 811		6/21/21 STAFF	PLANCHECK BY IID 5/11/21
TWO WORKING DAYS BEFORE YOU DIG		11/02/21 STAFF	PLANCHECK BY IID 10/14/21
DATE	BY	MARK	REVISIONS

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA.
BY: *Jackie Loper*
JACKIE LOPER
DATE: 2-2-22
R.C.E. NO.:

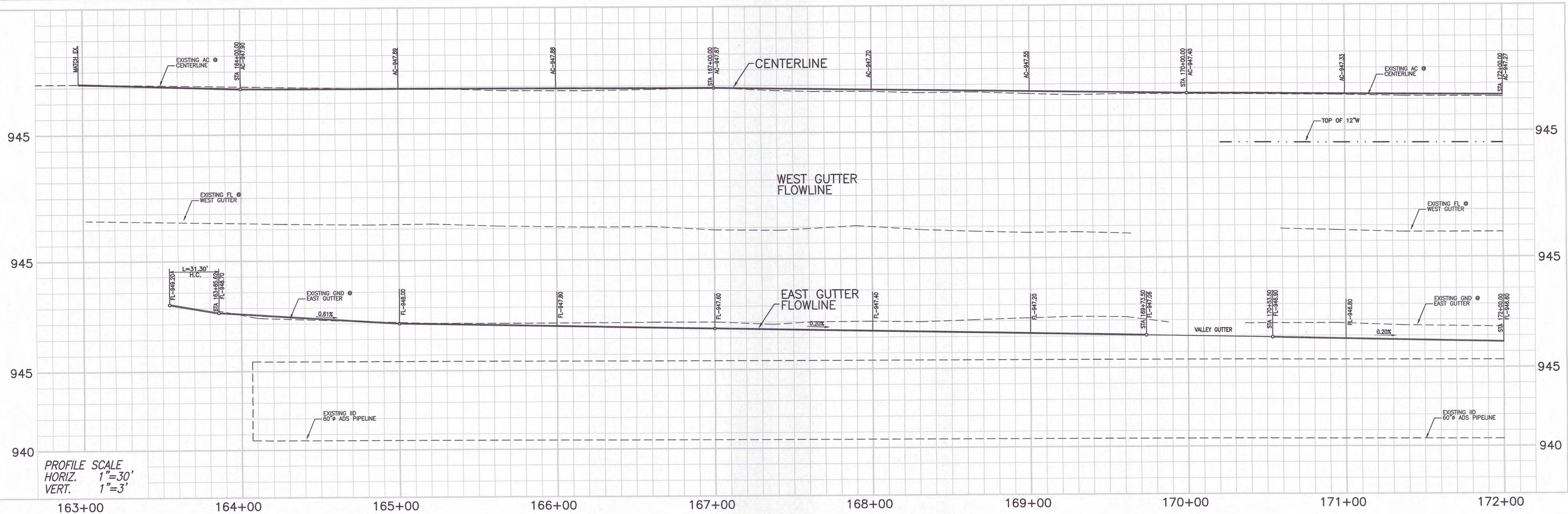
ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
BY: *Carlos Corrales*
CARLOS CORRALES
DATE: 2-02-2022
R.C.E. NO.: 55432



LC ENGINEERING CONSULTANTS INC.
CIVIL ENGINEERING • LAND SURVEYING • CONSTRUCTION MANAGEMENT SERVICES
1065 State Street
El Centro CA 92243
www.lcc-inc.com
tel: 760.355.8100
info@lcc-inc.com
fax: 760.355.6108
DATE: 12/02/21
BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
IMPROVEMENT PLANS
TOPO & DEMOLITION PLAN
LA BRUCHERIE WIDENING PROJECT
FROM ATEN BLVD. TO TRESHILL RD.
SHEET 2 OF 12 SHEETS
JOB NO. C19033-00
W.O.

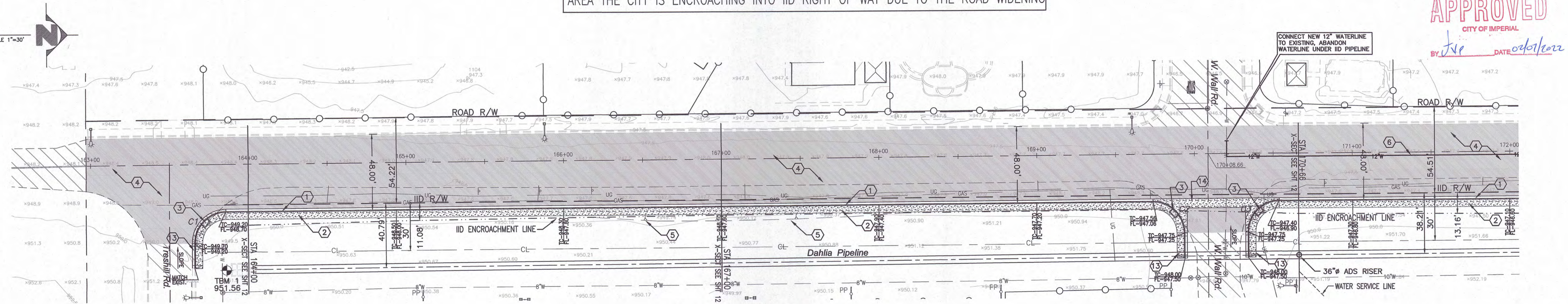
L:\Projects\2019\C19033-00 (City of Imperial - La Brucherie Imp)\Engineering\CAD\C19033-00_KSTR.dwg 02/02/2022 12:46



PROFILE SCALE
 HORIZ. 1"=30'
 VERT. 1"=3'

IID PERMANENT ENCROACHMENT PERMIT WILL BE REQUIRED BY CITY OF IMPERIAL FOR AREA THE CITY IS ENCROACHING INTO IID RIGHT OF WAY DUE TO THE ROAD WIDENING

APPROVED
 CITY OF IMPERIAL
 BY: *hjc* DATE: 02/01/22



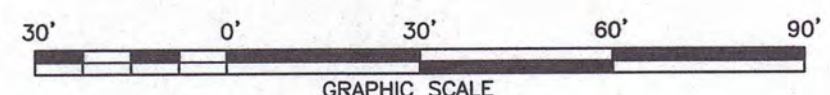
La Brucherie Rd

CURVE	DELTA	RADIUS	LENGTH	REFERENCE
C1	89°39'45"	20.00'	31.30'	FACE OF CURB
C2	90°20'15"	20.00'	31.53'	FACE OF CURB
C3	89°39'45"	20.00'	31.30'	FACE OF CURB
C4	89°56'23"	20.00'	31.39'	FACE OF CURB

CITY OF IMPERIAL ENCROACHMENT ON IID
 40' FROM CL STREET
 STA: COORDINATES:
 166+18 N=1878514.79 E=6767950.22
 167+00 N=1878594.29 E=6767952.79
 168+00 N=1878694.29 E=6767949.31
 168+17 N=1878713.41 E=6767948.27

- CONSTRUCTION NOTES:**
- NEW 6" PCC CURB AND GUTTER PER CITY OF IMPERIAL DET. No. 400
 - NEW 4" PCC SIDEWALK OVER 2" SAND/6" NATIVE COMP. TO 90% PER CITY OF I.P.L. DET. No. 407
 - NEW HANDICAP RAMP PER DETAIL ON SHEET 11
 - NEW 4" OF AC PAVEMENT OVER 18" OF CLASS 2 BASE
 - GRADING LIMIT ENCROACHMENT INTO IID R/W
 - NEW 12-INCH AWWA C-900, CLASS 150 PVC WATER PIPELINE PER TRENCH DETAIL ON SHEET 10
 - NEW 12" PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL DET. No. 403
 - NEW PCC SPANDREL PER CITY OF IMPERIAL DET. No. 410
 - NEW 6" PCC CROSS GUTTER PER DETAIL ON SHEET 11

- NOTES:**
- WHEN COVER ON TOP OF PIPES IS LESS THAN 36" (INCHES) SLURRY BACKFILL SHALL BE USED.
 - ALL EXISTING SEWER MANHOLES AND WATER VALVES BOXES WILL BE PROTECTED AND ADJUSTED TO GRADE WHEN PAVING THE ROAD.
 - IID ENCROACHMENT PERMIT WILL BE REQUIRED PRIOR TO START ANY WORK WITHIN IID RIGHT OF WAY



UNDERGROUND SERVICE ALERT
 CALL: TOLL FREE
 811
 TWO WORKING DAYS
 BEFORE YOU DIG

DATE	BY	MARK	REVISIONS	APPR.	DATE
2/28/21	STAFF		PLANCHECK BY IID 1/11/21		
5/21/21	STAFF		PLANCHECK BY IID 5/11/21		
11/02/21	STAFF		PLANCHECK BY IID 10/14/21		

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA
 BY: *Jackie Loper* DATE: 2-7-22
 JACKIE LOPER
 R.C.E. NO.:

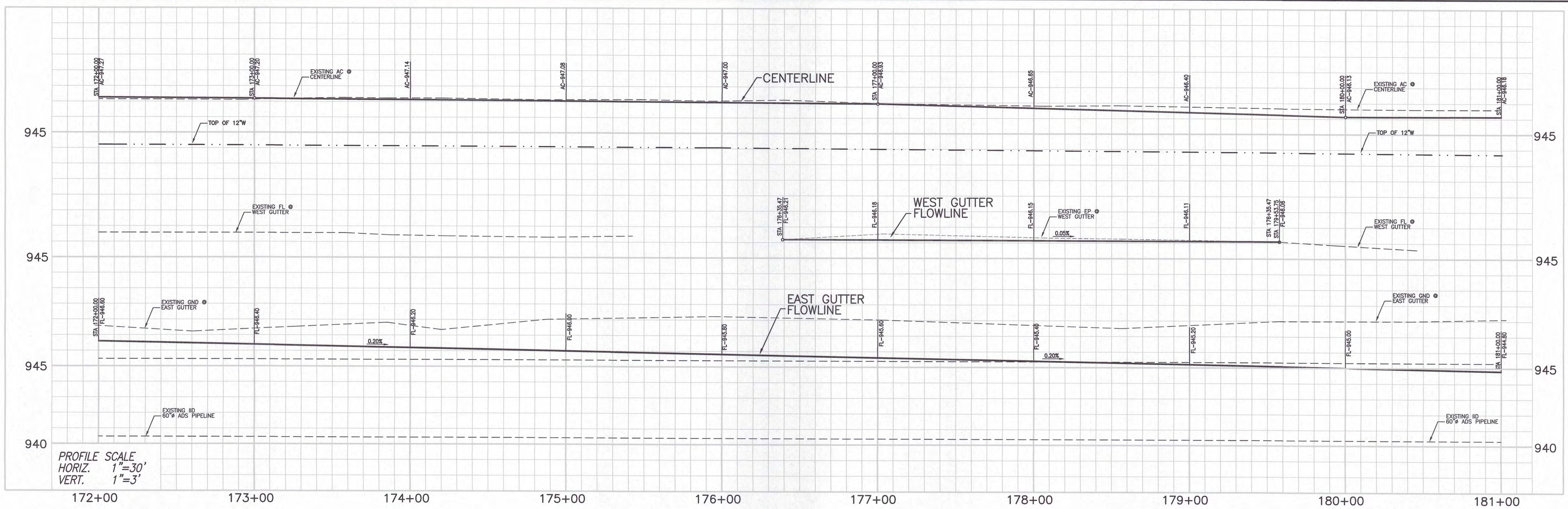
ENGINEER OF RECORD
 PLANS PREPARED UNDER THE SUPERVISION OF
 BY: *Carlos Corrales* DATE: 2-02-2022
 CARLOS CORRALES
 R.C.E. NO.: 55432



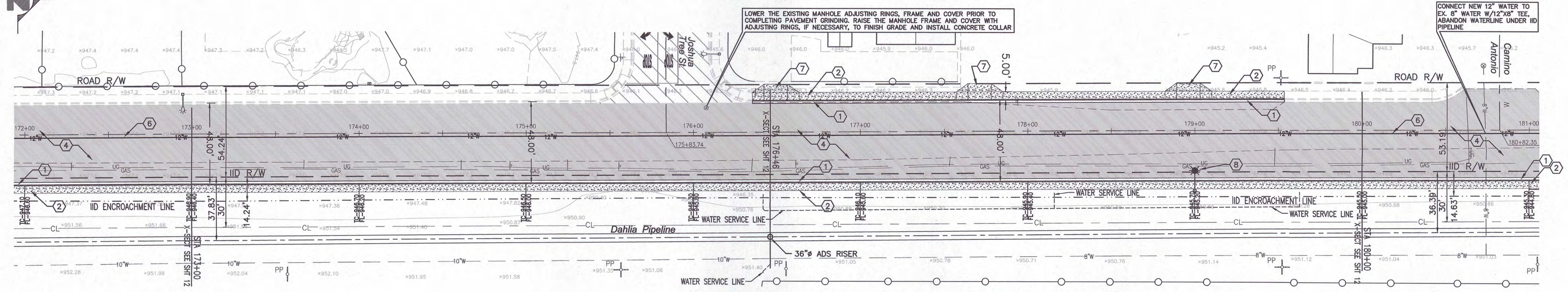
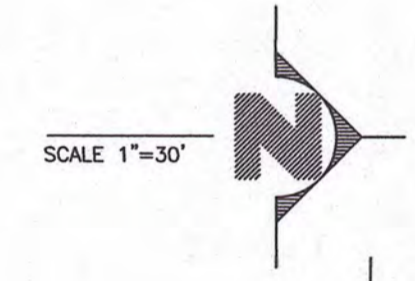
LC ENGINEERING CONSULTANTS INC.
 CIVIL ENGINEERING • LAND SURVEYING • CONSTRUCTION MANAGEMENT SERVICES
 1065 State Street
 El Centro CA 92243
 www.lcei-inc.com info@lcei-inc.com
 tel: 756-033-8100 fax: 756-033-6908

CITY OF IMPERIAL
 IMPROVEMENT PLANS
 PLAN & PROFILE
 LA BRUCHERIE WIDENING PROJECT
 FROM ATEN BLVD. TO TRESHILL RD.
 SHEET
 3 OF
 12 SHEETS
 JOB NO.
 C19033-00
 W.O.

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IID PERMANENT ENCROACHMENT PERMIT WILL BE REQUIRED BY CITY OF IMPERIAL FOR AREA THE CITY IS ENCROACHING INTO IID RIGHT OF WAY DUE TO THE ROAD WIDENING



La Brucherie Rd

- CONSTRUCTION NOTES:**
- 1 NEW 6" PCC CURB AND GUTTER PER CITY OF IMPERIAL DET. No. 400
 - 2 NEW 4" PCC SIDEWALK OVER 2" SAND/6" NATIVE COMP. TO 90% PER CITY OF I.P.L. DET. No. 407
 - 3 NEW HANDICAP RAMP PER DETAIL ON SHEET 11
 - 4 NEW 4" OF AC PAVEMENT OVER 18" OF CLASS 2 BASE
 - 5 GRADING LIMIT ENCROACHMENT INTO IID R/W
 - 6 NEW 12-INCH AMWMA C-900, CLASS 150 PVC WATER PIPELINE PER TRENCH DETAIL ON SHEET 10
 - 7 NEW 18" PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL DET. No. 403
 - 8 NEW STREET LIGHT PER CITY OF IMPERIAL DET. No. 511

APPROVED
CITY OF IMPERIAL
BY: *JLP* DATE: 02/01/21

- NOTES:**
- 1- WHEN COVER ON TOP OF PIPES IS LESS THAN 36" (INCHES) SLURRY BACKFILL SHALL BE USED.
 - 2- ALL EXISTING SEWER MANHOLES AND WATER VALVES BOXES WILL BE PROTECTED AND ADJUSTED TO GRADE WHEN PAVING THE ROAD.
 - 3- IID ENCROACHMENT PERMIT WILL BE REQUIRED PRIOR TO START ANY WORK WITHIN IID RIGHT OF WAY.

<p>UNDERGROUND SERVICE ALERT CALL: TOLL FREE 811 TWO WORKING DAYS BEFORE YOU DIG</p>	2/26/21	STAFF	PLANCHHECK BY IID 1/11/21
	8/21/21	STAFF	PLANCHHECK BY IID 5/11/21
	11/02/21	STAFF	PLANCHHECK BY IID 10/14/21
	DATE	BY	MARK
	ENGINEER		REVISIONS
	APPR. DATE		CITY

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA.
BY: *Jackie Loper*
JACKIE LOPER
DATE: 2-7-21
R.C.E. NO.:

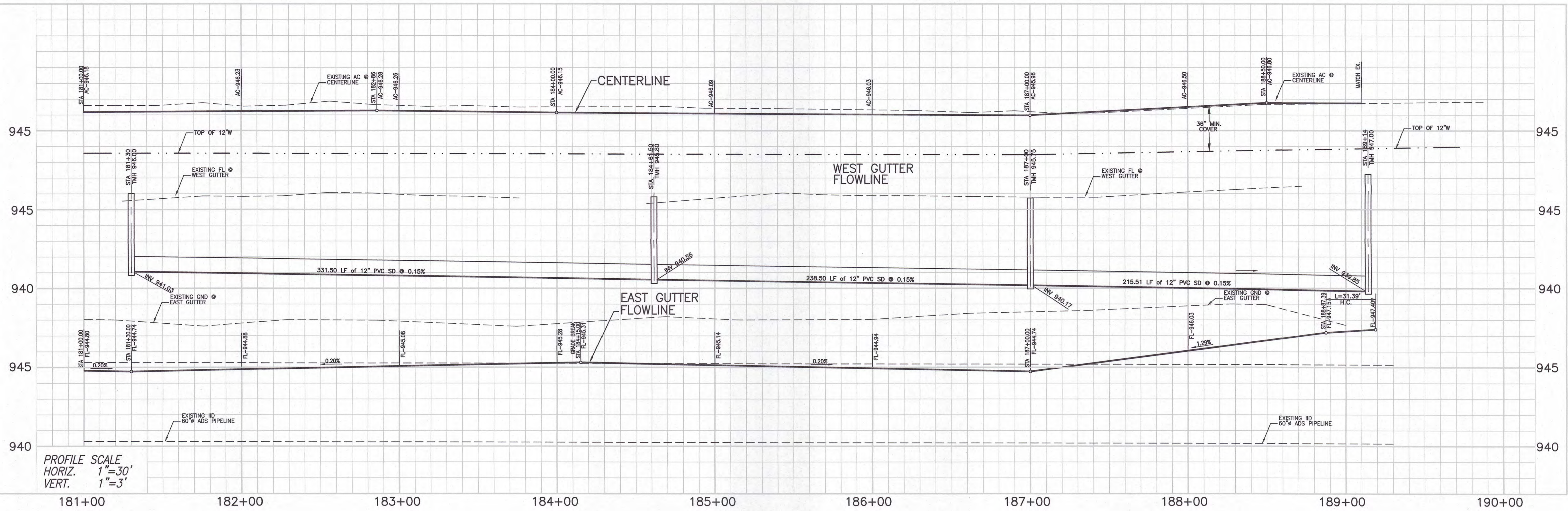
ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
BY: *Carlos Corrales*
CARLOS CORRALES
DATE: 2-02-2022
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1065 State Street
El Centro CA 92243
www.lcc-inc.com
tel: 760.353.8100
info@lcc-inc.com
fax: 760.353.6108
DATE: 12/02/21 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
IMPROVEMENT PLANS
PLAN & PROFILE
LA BRUCHERIE WIDENING PROJECT
FROM ATEN BLVD. TO TRESHILL RD.
SHEET
4 OF
12 SHEETS
JOB NO.
C19033-00
W.O.

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PROFILE SCALE
 HORIZ. 1"=30'
 VERT. 1"=3'

IID PERMANENT ENCROACHMENT PERMIT WILL BE REQUIRED BY CITY OF IMPERIAL FOR AREA THE CITY IS ENCROACHING INTO IID RIGHT OF WAY DUE TO THE ROAD WIDENING

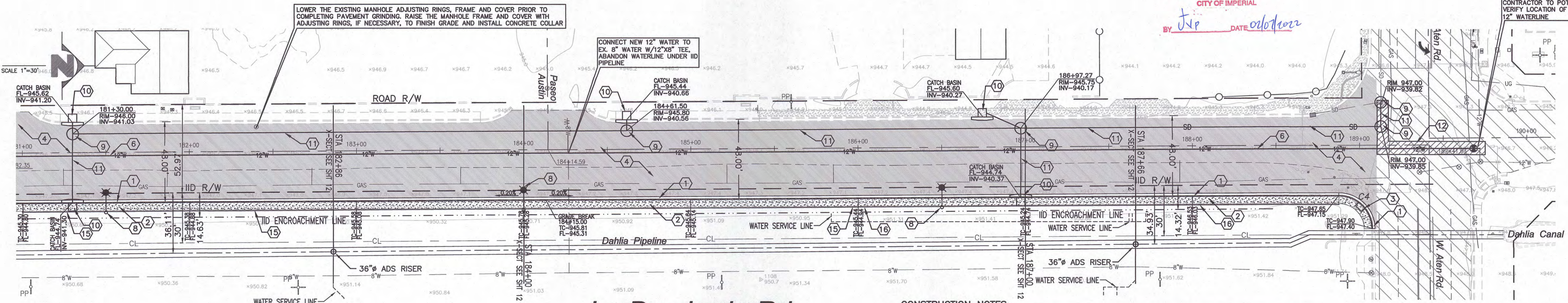
APPROVED
 CITY OF IMPERIAL

BY: *JTP* DATE: 01/02/22

CONNECT NEW 12" WATER TO EX. 12" WATER W/12"x12" TEE AND NEW 12" GATE VALVE. CONTRACTOR TO POTHOLE & VERIFY LOCATION OF EXISTING 12" WATERLINE

LOWER THE EXISTING MANHOLE ADJUSTING RINGS, FRAME AND COVER PRIOR TO COMPLETING PAVEMENT GRINDING. RAISE THE MANHOLE FRAME AND COVER WITH ADJUSTING RINGS, IF NECESSARY, TO FINISH GRADE AND INSTALL CONCRETE COLLAR

CONNECT NEW 12" WATER TO EX. 8" WATER W/12"x8" TEE. ABANDON WATERLINE UNDER IID PIPELINE



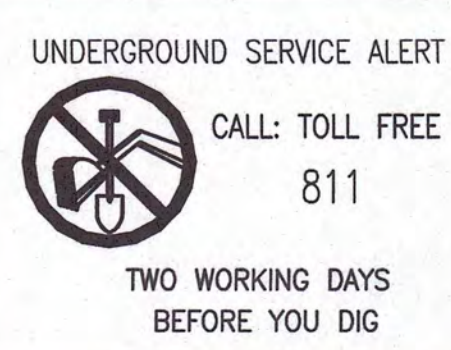
CURVE	DELTA	RADIUS	LENGTH	REFERENCE
C1	89°39'45"	20.00'	31.30'	FACE OF CURB
C2	90°20'15"	20.00'	31.53'	FACE OF CURB
C3	89°39'45"	20.00'	31.30'	FACE OF CURB
C4	89°56'23"	20.00'	31.39'	FACE OF CURB

La Brucherie Rd

CONSTRUCTION NOTES:

- 1 NEW 6" PCC CURB AND GUTTER PER CITY OF IMPERIAL DET. No. 400
- 2 NEW 4" PCC SIDEWALK OVER 2" SAND/8" NATVE COMP. TO 90% PER CITY OF I.P.L. DET. No. 407
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- 7 NEW 18" PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL DET. No. 403
- 8 NEW STREET LIGHT PER CITY OF IMPERIAL DET. No. 511
- 9 NEW ECCENTRIC STORMDRAIN MANHOLE PER CITY OF IMPERIAL DET. No. 300
- 10 NEW STORMDRAIN CATCH BASIN WITH BIO-CLEAN FILTER, SEE DETAIL SHEET 11
- 11 NEW 12" STORM WATER PIPELINE PER TRENCH DETAIL ON SHEET 10
- 12 REMOVE EX. ASPHALT & SAWCUT PER COLD PLANE DETAIL ON SHEET 2 AND REPLACE ASPHALT
- 13 NEW 6" PCC BARRIER CURB PER CITY OF IMPERIAL DET. No. 401
- 14 NEW 8" PCC DRIVEWAY APPROACH PER CITY OF IMPERIAL DET. No. 403

NOTES:
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DATE	BY	MARK	REVISIONS	APPR.	DATE
2/28/21	STAFF		PLAN CHECK BY IID 1/11/21		
6/21/21	STAFF		PLAN CHECK BY IID 5/11/21		
11/02/21	STAFF		PLAN CHECK BY IID 10/14/21		

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA.
 BY: *Jackie Loper* JACKIE LOPER DATE: 2-7-22
 R.C.E. NO.:

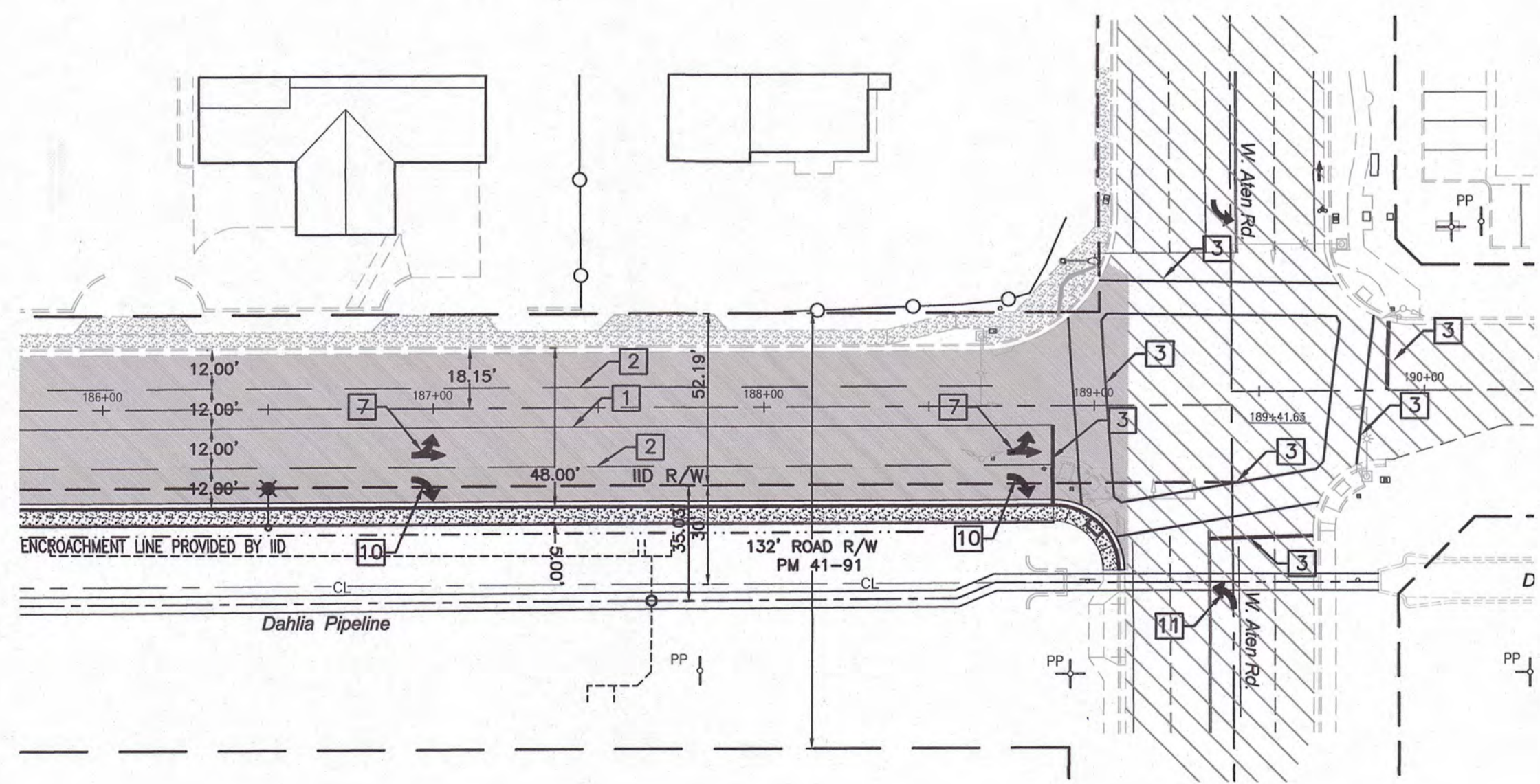
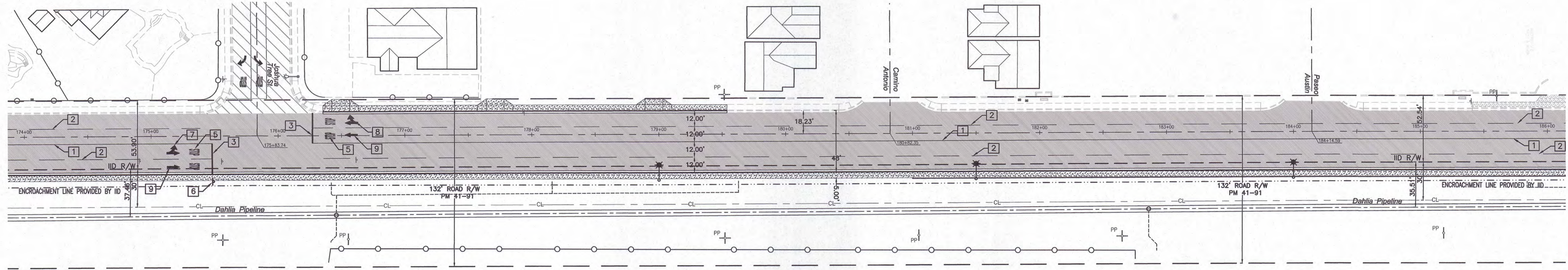
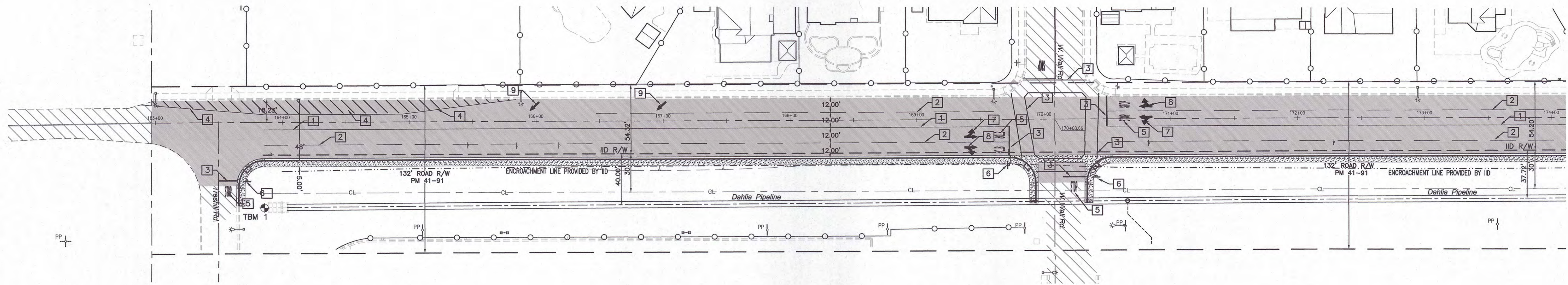
ENGINEER OF RECORD
 PLANS PREPARED UNDER THE SUPERVISION OF
 BY: *Carlos Corrales* CARLOS CORRALES DATE: 2-02-2022
 R.C.E. NO.: 55432



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 fax 760.353.6168
 DATE: 12/02/21 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
 IMPROVEMENT PLANS
 PLAN & PROFILE
 LA BRUCHERIE WIDENING PROJECT
 FROM ATEN BLVD. TO TRESHILL RD.
 W.O.

SHEET
 5 OF
 12 SHEETS
 JOB NO.
 C19033-00



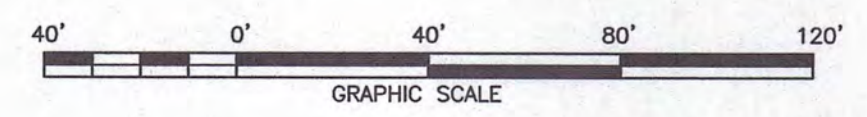
IID ENCROACHMENT PERMIT WILL BE REQUIRED PRIOR TO START ANY WORK WITHIN IID RIGHT OF WAY

- NOTES:**
- THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL DURING THE INSTALLATION, REMOVAL OR MODIFICATION OF ALL SIGNING AND STRIPING SHOWN ON THESE PLANS.
 - THE APPLICATION OF THE TRAFFIC CONTROL DEVICES AND THEIR PLACEMENT SHALL CONFORM TO THE CURRENT CALIFORNIA "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES."
 - IN ADDITION TO THE GUIDELINES PROVIDED BY THE ABOVE REFERENCED MANUAL OF TRAFFIC CONTROLS FOR THE SELECTION OF THE MOST APPROPRIATE DEVICES AND THEIR PLACEMENT, THE TRAFFIC CONTROL DETAIL DESCRIBED IN SHEET NO. T-9 THROUGH T-17 OF THE CALIFORNIA STANDARD PLANS 2015 EDITION SHALL BE USED IN SITUATION REQUIRING LANE CLOSURES OR DETOURING THE PATH OF VEHICLES IN VARIOUS STAGES OF CONSTRUCTION.
 - CHANNELIZATION TYPE SHALL CONFORM TO CALTRANS TRAFFIC MANUAL SECTION 6-71, FIGURE 6-49, CONSISTENT WITH FIELD CONDITIONS DURING CONSTRUCTION.
 - CONTRACTOR SHALL REMOVE AND SALVAGE ALL EXISTING CONFLICTING SIGNS, PAVEMENT
 - ALL MARKINGS AND STRIPING SHALL BE PAINTED AND WITH EMBEDDED GLASS BEADS PER CALTRANS CURRENT EDITION STD. SPECS. SEC. 84-2.02D
 - FINAL STRIPING TO BE PLACED ONE MONTH AFTER PAVING OR AS SPECIFIED BY PAINT MANUFACTURER.

- LEGEND:**
- EXISTING STRIPING
 - PROPOSED STRIPING

- STRIPING & SIGNAGE NOTES:**
- THERMOPLASTIC PAINT "NO PASSING ZONES - TWO DIRECTION" DOUBLE 4" YELLOW LINE PER CALTRANS STANDARD PLAN A20A DETAIL 21.
 - THERMOPLASTIC PAINT 4" WHITE LANELINE PER CALTRANS STANDARD PLAN A20A DETAIL 8.
 - THERMOPLASTIC INSTALL 12" WHITE STOP BAR LINE OR CROSSWALK LINE PER CALTRANS STANDARD PLAN A24E.
 - THERMOPLASTIC 8" WHITE DELINEATOR/STRIPING LINES
 - THERMOPLASTIC STOP LEGEND PER CALTRANS STANDARD PLAN A24D.
 - INSTALL STOP AND STREET NAME SIGN
 - THERMOPLASTIC TYPE VII "LEFT" ARROW PER CALTRANS STD. PLAN A24A.
 - THERMOPLASTIC TYPE VII "RIGHT" ARROW PER CALTRANS STD. PLAN A24A.
 - THERMOPLASTIC TYPE I 10'-0" ARROW PER CALTRANS STD. PLAN A24A.
 - THERMOPLASTIC TYPE IV "RIGHT" ARROW PER CALTRANS STD. PLAN A24A.
 - THERMOPLASTIC TYPE IV "LEFT" ARROW PER CALTRANS STD. PLAN A24A.

APPROVED
CITY OF IMPERIAL
BY: *Jup* DATE: *02/07/22*



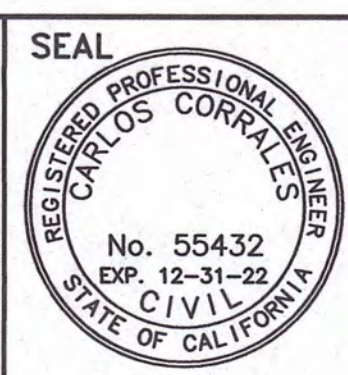
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UNDERGROUND SERVICE ALERT
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APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA.
BY: *Jackie Loper*
JACKIE LOPER
DATE: 2-7-22
R.C.E. NO.:

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
BY: *Carlos Corrales*
CARLOS CORRALES
DATE: 2-02-2022
R.C.E. NO.: 55432



SEAL
LC ENGINEERING CONSULTANTS INC.
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www.lce-inc.com
info@lce-inc.com
tel 760.933.8100 fax 760.933.6168
DATE: 12/02/21 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
IMPROVEMENT PLANS
STRIPING & SIGNAGE PLAN
LA BRUCHERIE WIDENING PROJECT
FROM ATEN BLVD. TO TRESHILL RD.
W.O.

SHEET
6 OF
12 SHEETS
JOB NO.
C19033-00

POLE AND EQUIPMENT SCHEDULE

LOC.	STANDARD TYPE	PLACEMENT DIMENSIONS		SIGNAL MOUNTING & PLACEMENT				REMARKS		
		SIG.	LUM.	A	B	VEHICLE	PEDESTRIAN		LUMINAIRE	
*A	26A-3-100	45'	20'	7.75'	7.5'	SV-1-T	MAS Ø2 MAS Ø5	SP-2-T Ø2 N Ø8 W	250W	ISNS - LA BRUCHERIE RD.
*B	1-A	-	-	-1.0'	6.0'	TV-2-T	-	-	-	-
C	19A-3-100	30'	20'	2.8'	3.5'	SV-1-T	MAS-4C Ø7	-	250W	ISNS - ATEN BLVD
D	21 TS	-	20'	14.5'	10.9'	-	-	SP-1-T Ø7 E	250W	-
E	24A-3-100	35'	20'	-2.5'	3.6'	SV-1-T	MAS Ø1 MAS Ø6	-Ø6 N- Ø7 E	250W	ISNS - LA BRUCHERIE RD. (MISSING) RELOCATE AND REWIRE PEDESTRIAN PUSH BUTTON
F	1-A	-	-	-0.4'	3.6'	TV-2-T	-	-Ø7 W- Ø6 S	-	RELOCATE AND REWIRE PEDESTRIAN PUSH BUTTON
*G	19A-3-100	30'	20'	8.5'	7.5'	SV-3-TB	MAS-4C Ø8	SP-2-T -Ø6 E- Ø6 W	250W	ISNS - ATEN BLVD. RELOCATE AND REWIRE PEDESTRIAN PUSH BUTTONS

NOTE: ADD PEDESTRIAN SIGNALS AND PUSH BUTTONS AS DESCRIBED ABOVE
 * TRAFFIC SIGNALS TO BE RELOCATED AS DESCRIBED ABOVE AND ON PLAN VIEW

GENERAL NOTES

- CITY ENCROACHMENT PERMIT CONDITIONS AND PROVISIONS SHALL TAKE PRECEDENCE OVER THE APPROVED PLANS AND SPECIFICATIONS FOR ANY CONFLICTS.
- APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF ANY CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
- THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY OTHER WHICH IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- LOCATION AND ELEVATION OF IMPROVEMENTS LISTED UNDER WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
- UTILITIES COORDINATION
 ACCURATE VERIFICATION AS TO SIZE, LOCATION AND DEPTH OF EXISTING UNDERGROUND SERVICES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL NOTIFY THE SOUTHERN CALIFORNIA GAS COMPANY, PACIFIC BELL, TELEPHONE COMPANY, IMPERIAL IRRIGATION DISTRICT AND ANY OTHER AFFECTED UTILITY AGENCIES PRIOR TO STARTING HIS WORK WITH UTILITY REPRESENTATIVES. FOR LOCATION OF UNDERGROUND UTILITIES AND APPURTENANCES, CONTACT "UNDERGROUND SERVICE ALERT": AT 811.

NO LESS THAN 3 WORKING DAYS PRIOR TO ANY EXCAVATION OR TRENCHING, EACH CONTRACTOR DOING SUCH WORK SHALL CONTACT THE FOLLOWING AGENCIES SO THAT EXISTING UNDERGROUND UTILITIES MAY BE LOCATED. THE AGENCY MAY REQUIRE AN INSPECTOR TO BE PRESENT.

- CITY OF IMPERIAL DEPT. OF PUBLIC WORKS (760) 335-1152
- IMPERIAL IRRIGATION DISTRICT (POWER) (760) 339-9280
- IMPERIAL IRRIGATION DISTRICT (WATER) (760) 339-9263
- PACIFIC BELL (800) 442-4133
- THE GAS CO. (800) 422-4133 OR (800) 227-2600
- TIME WARNER CABLE (760) 335-4800

CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN HEREON AND ANY OTHER EXISTING LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

6. ALL WORK AND MATERIAL SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, THE CITY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS STANDARDS AND SPECIFICATIONS AND THE SPECIFICATIONS & THE REQUIREMENTS OF THE AGENCIES REFERRED TO HEREIN. ALL WORK SHOWN OR INDICATED BY THESE PLANS SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARDS, POLICIES AND REGULATIONS OF THE CITY OF IMPERIAL, WHERE, OR IF, CONFLICTS OCCUR, THEN THE CITY OF IMPERIAL REQUIREMENTS SHALL GOVERN.

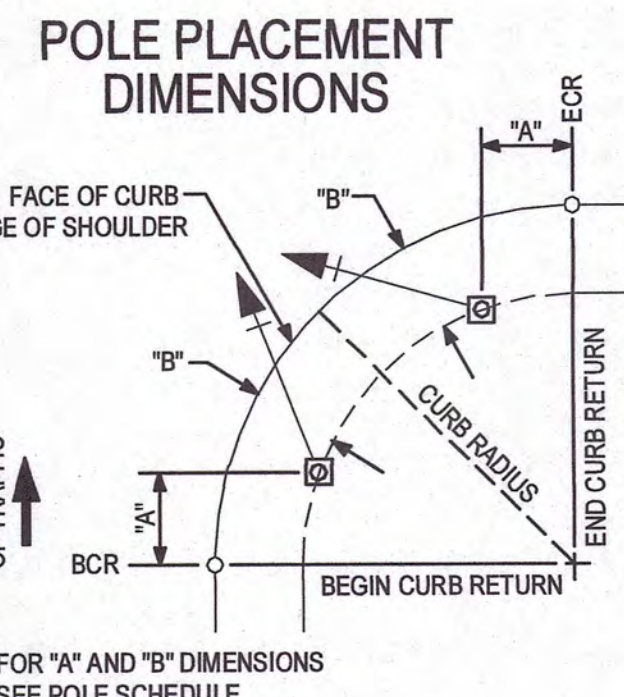
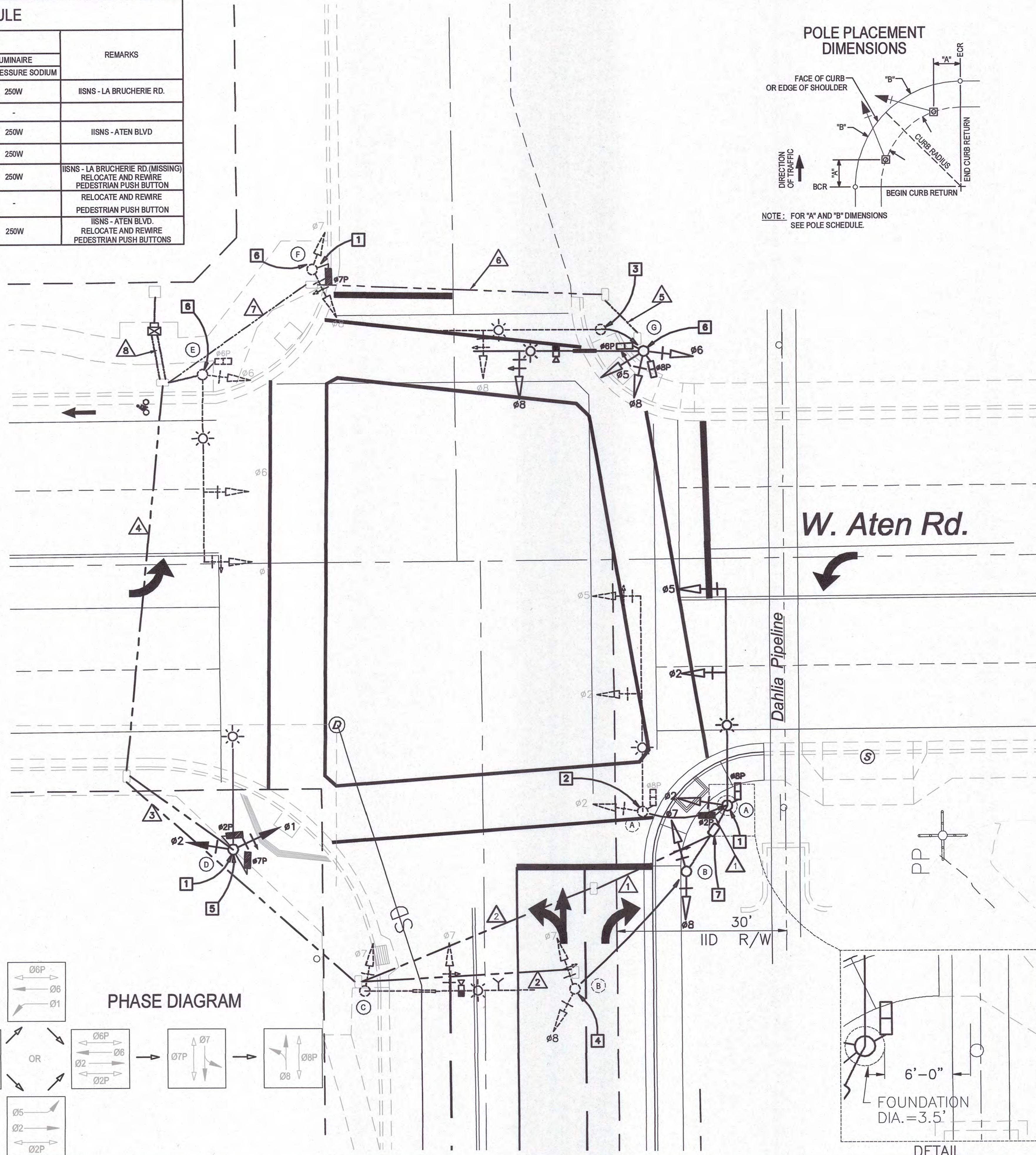
7. NO PAVING SHALL BE DONE UNTIL EXISTING TRAFFIC SIGNAL POLES ARE RELOCATED OUTSIDE THE AREAS TO BE PAVED.

8. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL STRIPING, PAVEMENT MARKERS, OR LEGENDS OBLITERATED BY THE CONSTRUCTION OF THIS PROJECT.

9. THE CONTRACTOR SHALL DO ALL NEW STRIPING AND SANDBLASTING OF CONFLICTING STRIPING.

10. THE CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AN ENCROACHMENT PERMIT FROM THE CITY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS FOR ANY EXCAVATION OR CONSTRUCTION WITHIN CITY ROAD RIGHT-OF-WAY. FOR INSPECTIONS, 48 HOUR MINIMUM NOTICE IS REQUIRED, (760) 335-1152. ADDITIONALLY, UNDERGROUND SERVICE ALERT (USA) MUST BE CALLED TWO WORKING DAYS BEFORE THE CONTRACTOR MAY EXCAVATE. THEY'RE CONTACT NUMBER 811. ALL WORK AND MATERIALS ARE SUBJECT TO THE INSPECTION AND APPROVAL FROM THE CITY OF IMPERIAL DEPARTMENT OF PUBLIC WORKS OR THEIR REPRESENTATIVE.

11. NO REVISIONS OF ANY KIND SHALL BE MADE TO THESE PLANS WITHOUT THE PRIOR WRITTEN APPROVAL OF BOTH THE CITY ENGINEER (OR HIS REPRESENTATIVE) AND THE ENGINEER OF RECORD. A REPRODUCIBLE AS-BUILT PLAN SET WILL BE PROVIDED TO THE PUBLIC WORKS DEPARTMENT AS A CONDITION OF SUBSTANTIAL CONSTRUCTION COMPLETION AND PRIOR TO ACCEPTANCE.



CONDUCTOR AND CONDUIT SCHEDULE

AWG OR CABLE	CONDUCTOR RUN	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø9
#14	Ø1	0	0	0	3	0	0	0	0	6
	Ø2	3	3	3	3	0	0	0	0	3
	Ø5	3	3	3	3	3	3	3	6	0
	Ø6	0	0	0	0	3	3	3	6	0
	Ø7	0	3	3	3	0	0	3	6	0
	Ø8	0	3	3	3	3	3	3	6	0
	Ø2P	2	2	2	2	0	0	0	2	0
	Ø6P	0	0	0	0	2	2	2	2	0
	Ø7P	0	0	0	2	0	0	0	4	0
	Ø8P	2	2	2	2	2	2	2	4	0
	Ø2 PPB	1	1	1	1	0	0	0	1	0
	Ø6 PPB	0	0	0	0	1	1	1	1	0
	Ø7 PPB	0	0	0	1	0	0	0	2	0
	Ø8 PPB	1	1	1	1	1	1	1	2	0
	PPB COMMON	1	1	1	1	1	1	1	2	0
	P.E.C.	3	3	3	3	3	3	3	6	0
	SPARES	3	3	3	3	3	3	3	6	0
	TOTAL # 14	20	25	25	31	22	22	25	65	0
NO. 10	I.I.S.N.S.	2	2	2	2	2	2	2	4	4
	LUMINAIRES	2	2	2	2	2	2	2	4	4
	SIGNAL COMMON	1	1	1	1	1	1	1	2	0
	TOTAL # 10	5	5	5	5	5	5	5	10	8
#6	SIGNAL SERVICE									2
VIDEO DETECTOR CABLE	Ø1 & Ø6 DETECTORS	0	0	0	0	0	0	0	0	0
	Ø2 & Ø5 DETECTORS	2	2	2	2	2	2	2	4	0
	Ø7 DETECTOR	0	0	0	0	0	0	0	0	0
COAX POWER	Ø8 DETECTOR	0	0	0	0	0	0	0	0	0
	TOTAL CABLES	2	2	2	2	2	2	2	4	0
	CONDUIT SIZE	4.0"	4.0"	4.0"	4.0"	4.0"	4.0"	4.0"	2-4.0"	3.0"

NOTE: ALL CONDUIT SIZES NOT SPECIFIED ABOVE SHALL BE 3"

CONSTRUCTION NOTES:

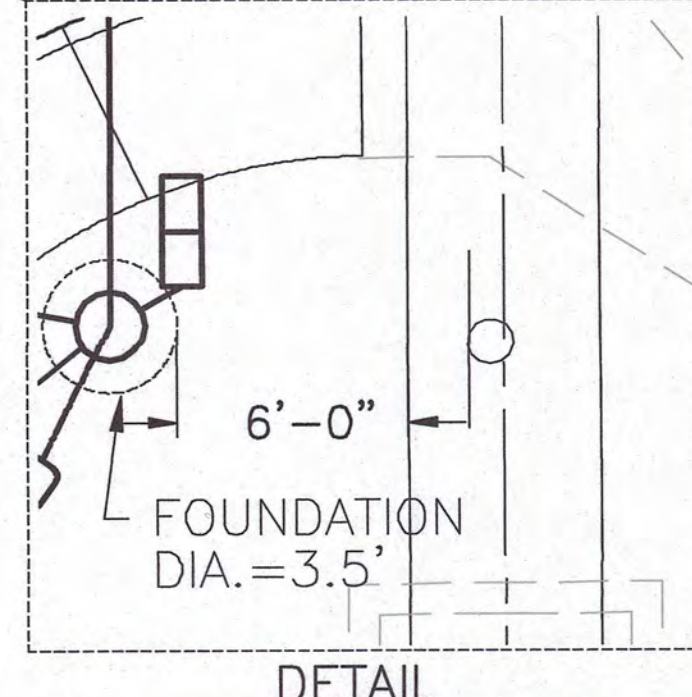
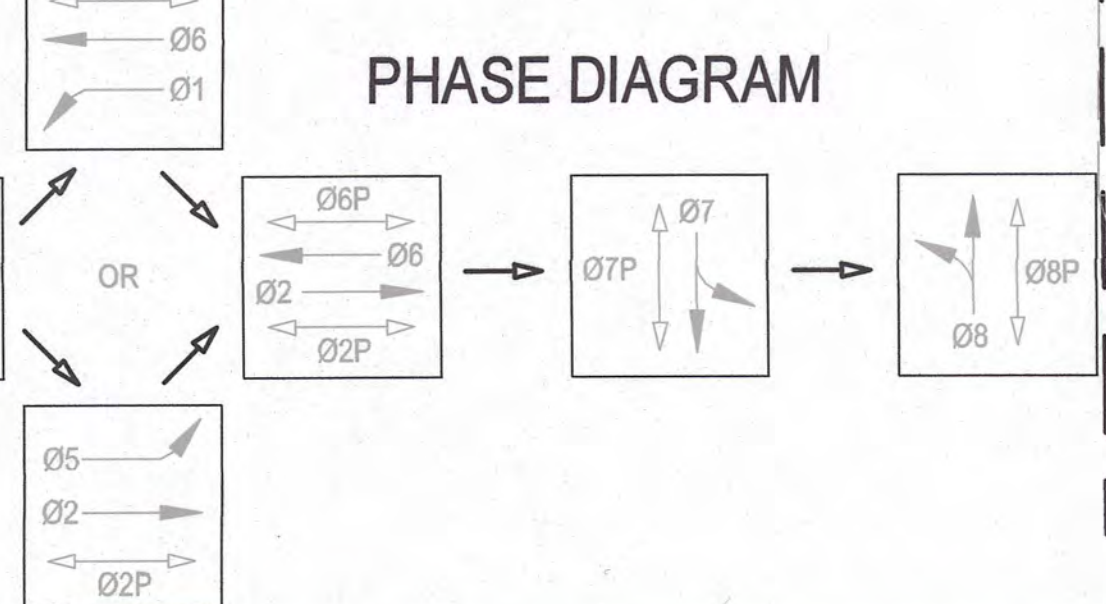
- INSTALL ACCESSIBLE PEDESTRIAN SIGNAL & PUSH BUTTON ASSEMBLY AND PEDESTRIAN SIGNAL HEADS PER CALTRANS STANDARD PLANS RSP ES-4B AND ES-5C.
- RELOCATE EXISTING TYPE 26A-3-100 SIGNAL STANDARD WITH EXISTING TRAFFIC SIGNAL HEADS PER CALTRANS STANDARD PLANS RSP ES-7E.
- RELOCATE EXISTING TYPE 19A-3-100 SIGNAL STANDARD WITH EXISTING TRAFFIC SIGNAL HEADS PER CALTRANS STANDARD PLANS RSP ES-7E.
- RELOCATE EXISTING TYPE 1-A TRAFFIC SIGNAL STANDARD WITH EXISTING TRAFFIC SIGNAL HEADS PER CALTRANS STANDARD PLANS RSP ES-7B.
- INSTALL SV-2-TA TRAFFIC SIGNAL HEADS ON TYPE 21-TS POLE FOR PHASES 1 & 2. PHASE 1 IS ALL LEFT TURN ARROWS PER CALTRANS STANDARD PLANS RSP ES-4A.
- ROTATE EXISTING PEDESTRIAN PUSH BUTTON AS INDICATED IN THE POLE AND EQUIPMENT SCHEDULE. REWIRE PEDESTRIAN PUSH BUTTONS FOR CORRECT PHASE.
- INSTALL NO. 5(T), TRAFFIC SIGNAL PULL BOX PER CALTRANS STANDARD PLAN ES-8 AND CONDUITS TO CONNECT RELOCATED SIGNAL POLES.

WORK TO BE DONE:

- THE PROPOSED IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THIS PLAN AND:
- THE COUNTY OF IMPERIAL SPECIFICATIONS AND STANDARD DRAWINGS.
 - CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, CURRENT EDITION.
 - CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS, CURRENT EDITION.
 - THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
 - STANDARD PLANS AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK) CURRENT EDITION.

TRAFFIC SIGNAL NOTES:

- ALL CONDUITS SHALL BE 3" UNLESS OTHERWISE SPECIFIED ON PLAN SHEET.
- ALL TRAFFIC SIGNAL POLE FOUNDATIONS SHALL HAVE A 3" CONDUIT INSTALLED TO THE ADJACENT NO.5 PULL BOX.
- ALL SIGNAL HEADS SHALL BE 12" IN DIAMETER WITH BLACK BACK PLATES. ALL VEHICULAR AND PEDESTRIAN SIGNAL INDICATIONS SHALL BE L.E.D.
- PEDESTRIAN HEADS AND PEDESTRIAN PUSH BUTTONS SHALL UTILIZE INTERNATIONAL SYMBOL INDICATIONS. PEDESTRIAN HEADS WILL BE ILLUMINATED BY L.E.D. PEDESTRIAN PUSH BUTTONS SHALL BE TYPE B, CALTRANS STANDARD PLANS ES-5C.
- ALL SIGNAL STANDARDS ANCHORE BOLT NUTS SHALL HAVE COVERS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF PAVEMENT MARKING AND PLACEMENT OF TRAFFIC SIGNS AS SHOWN ON PLAN.
- FLASHING OPERATION SHALL BE RED FOR ALL APPROACHES. PEDESTRIAN INDICATIONS SHALL BE DARK.
- THE CONDUCTOR SCHEDULE IS PROVIDED AS AN INSTALLATION GUIDE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE THE CORRECT CONDUCTORS AND/OR CABLES REQUIRED TO PROVIDE FOR THE INTENDED SIGNAL OPERATION.
- ALL SALVAGE EQUIPMENT SHALL BECOME THE PROPERTY OF THE CITY OF IMPERIAL.

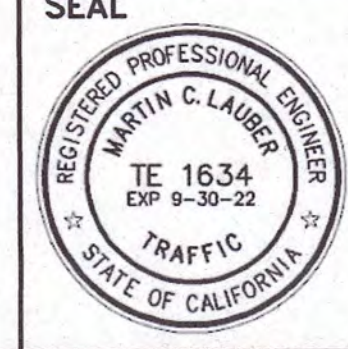


UNDERGROUND SERVICE ALERT
 CALL: TOLL FREE 811
 TWO WORKING DAYS BEFORE YOU DIG

DATE	BY	MARK	REVISIONS	APPR.	DATE
2-26-21	STAFF		PLANCHHECK BY IID 1/11/21		
12-14-19	M.C.L.		REVISED SIDEWALK AND PEDESTRIAN RAMP ON N.W. CORNER		
2-21-21	M.C.L.		REVISED SIDEWALK AND PEDESTRIAN RAMP ON N.W. CORNER		
6/21/21	STAFF		PLANCHHECK BY IID 5/11/21		
10/22/21	STAFF		PLANCHHECK BY IID 10/14/21		

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA.
 BY: Jackie Loper DATE: 7-2-27
 R.C.E. NO.:

ENGINEER OF RECORD
 PLANS PREPARED UNDER THE SUPERVISION OF
 BY: Martin C. Lauber DATE: 12-02-21
 T.E. NO.: TR 1634

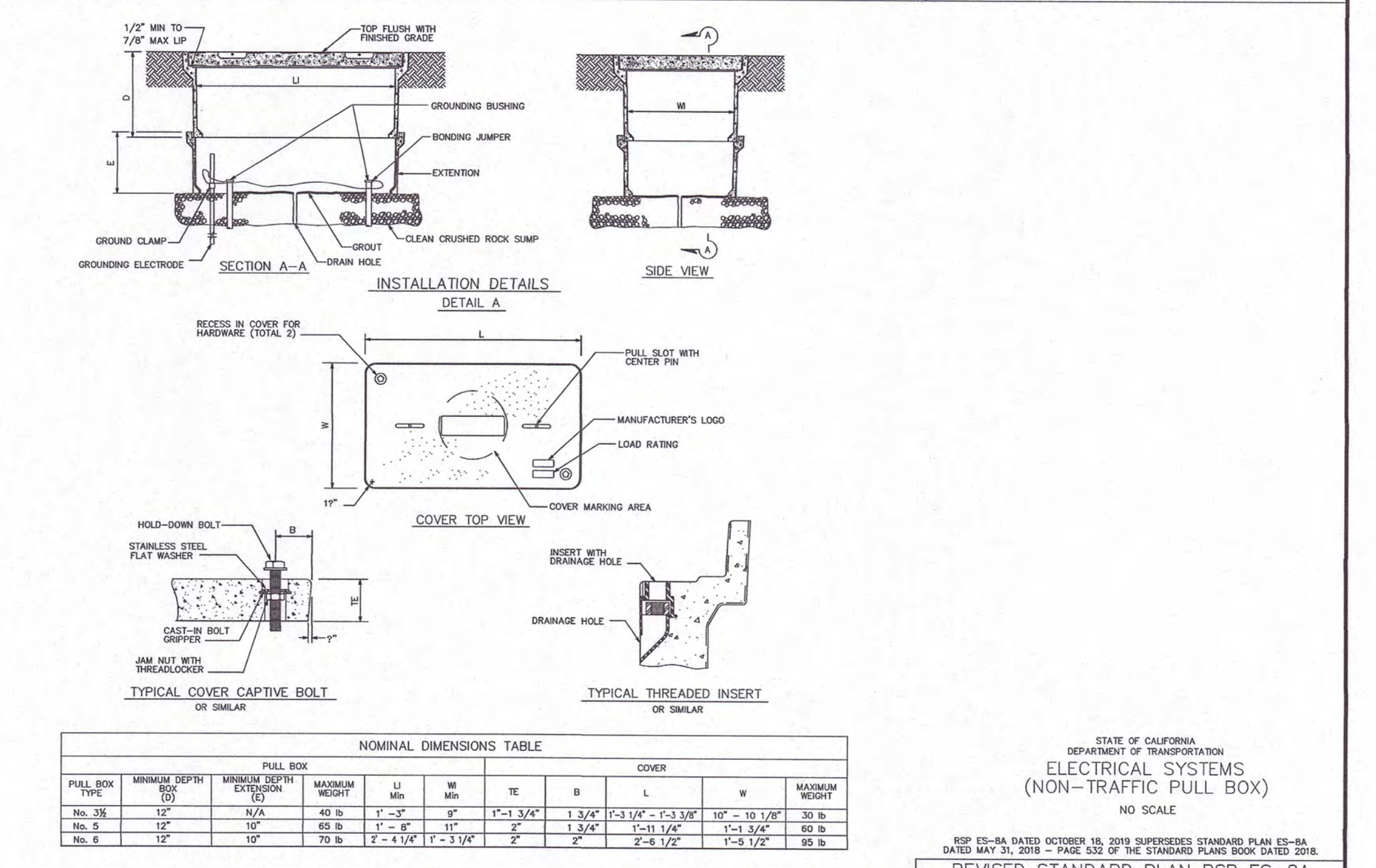
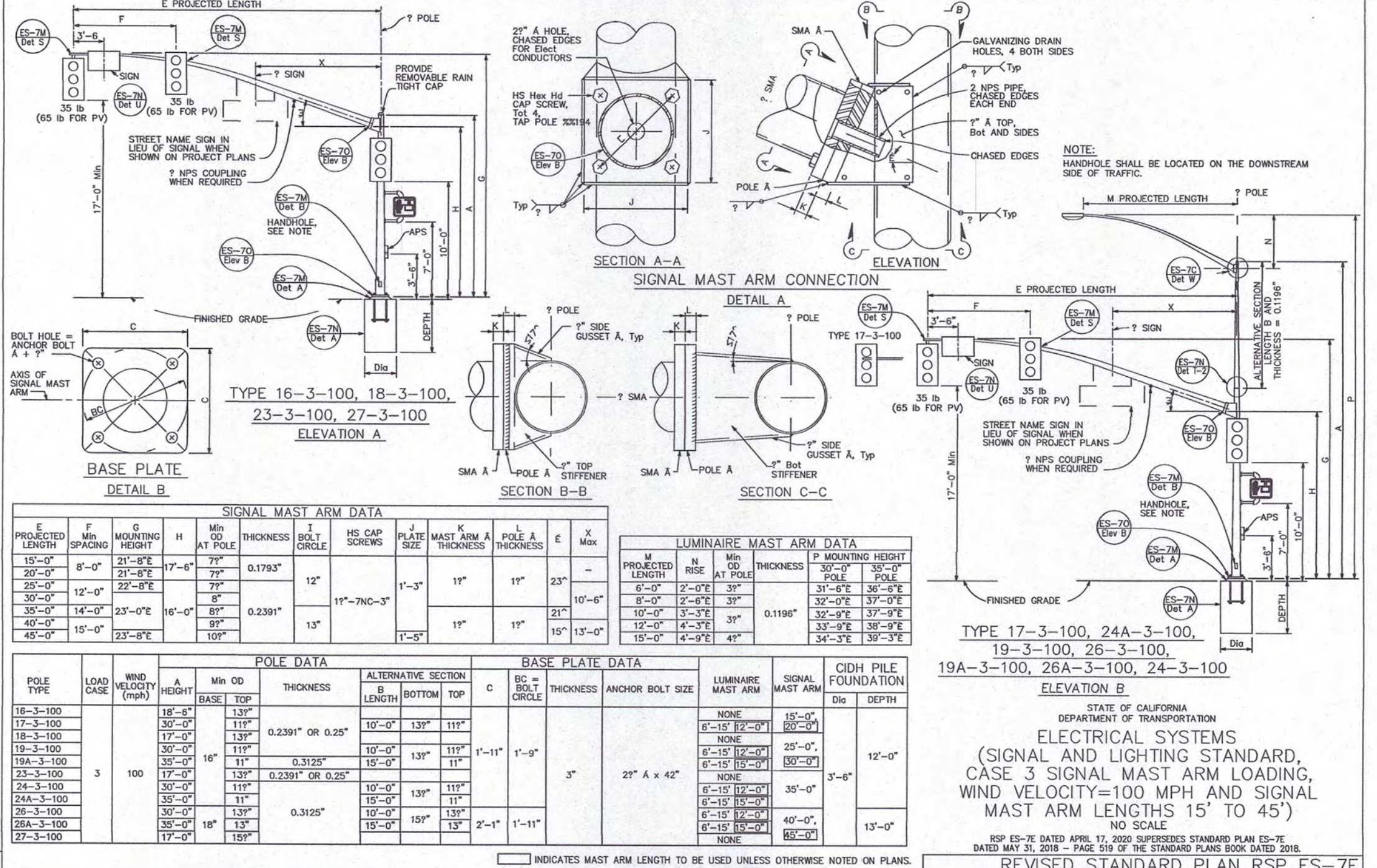
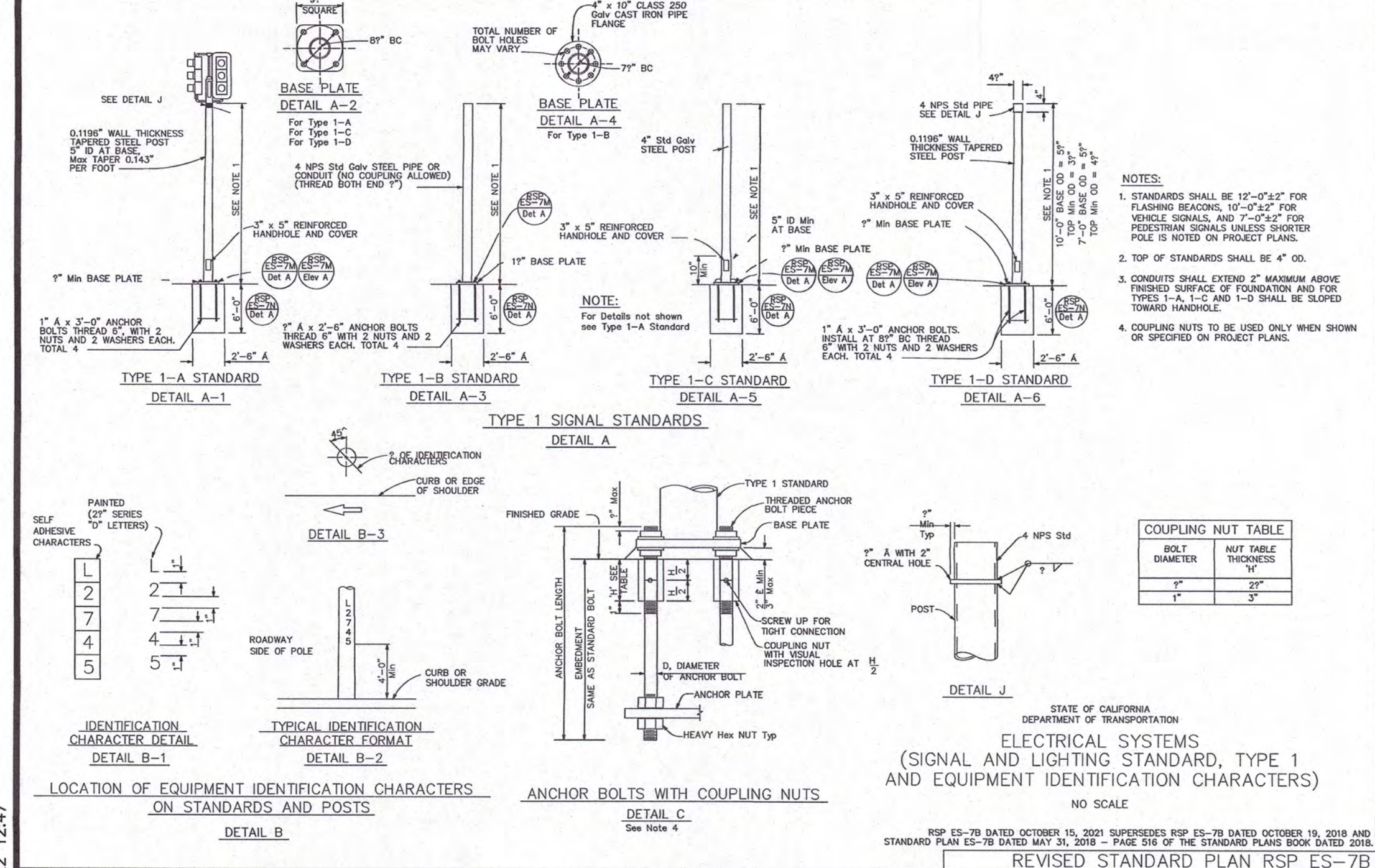
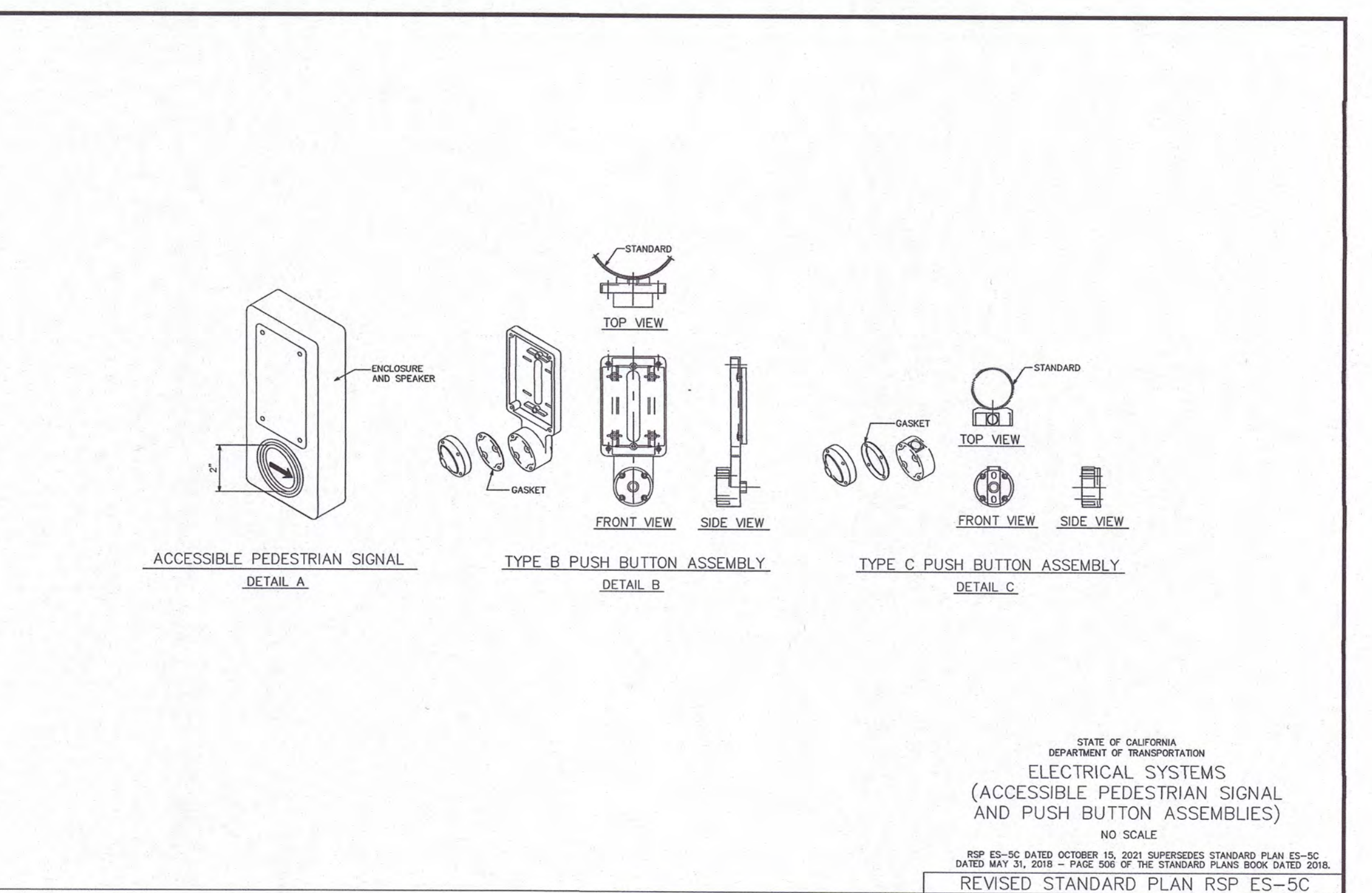
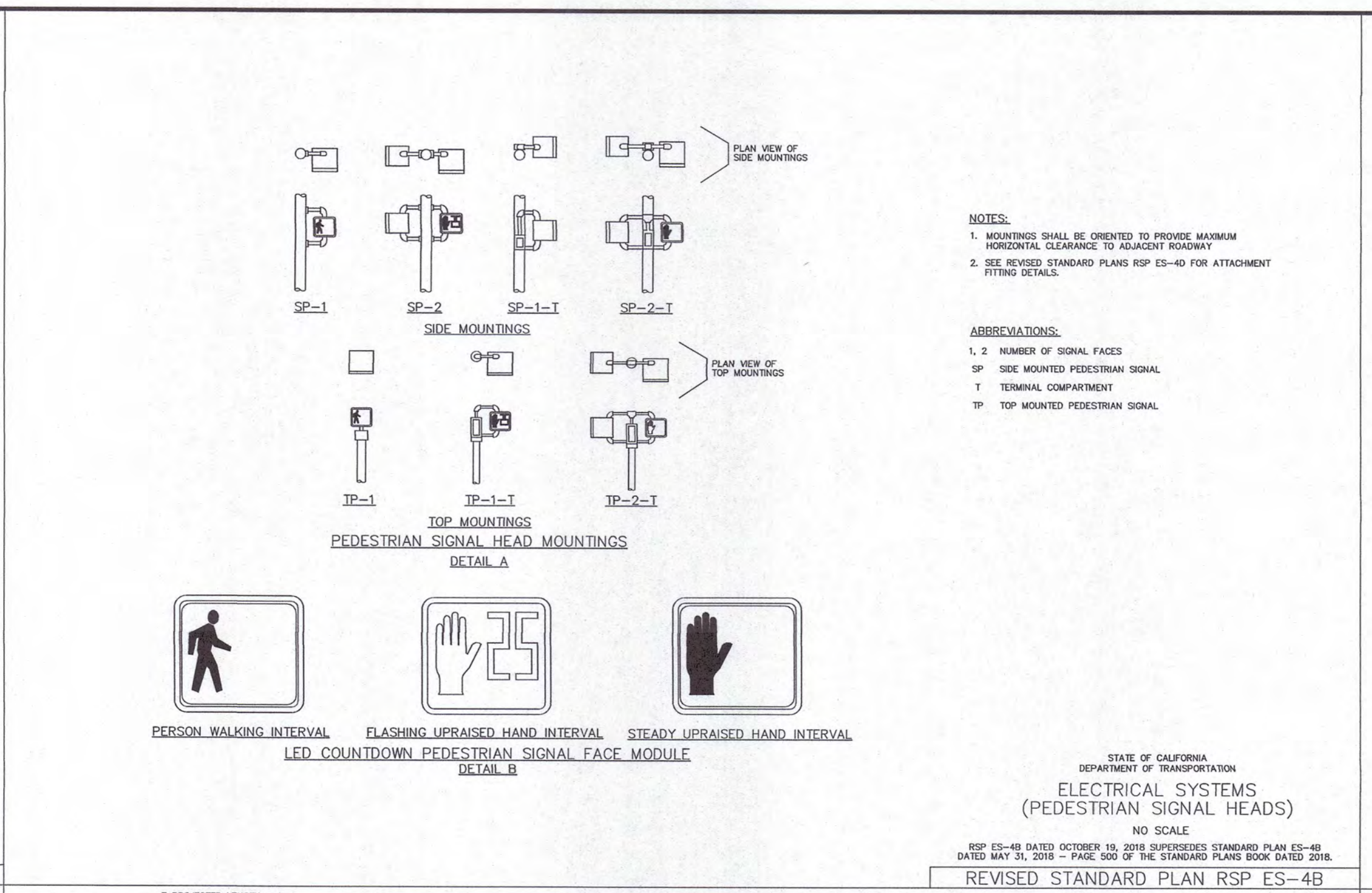
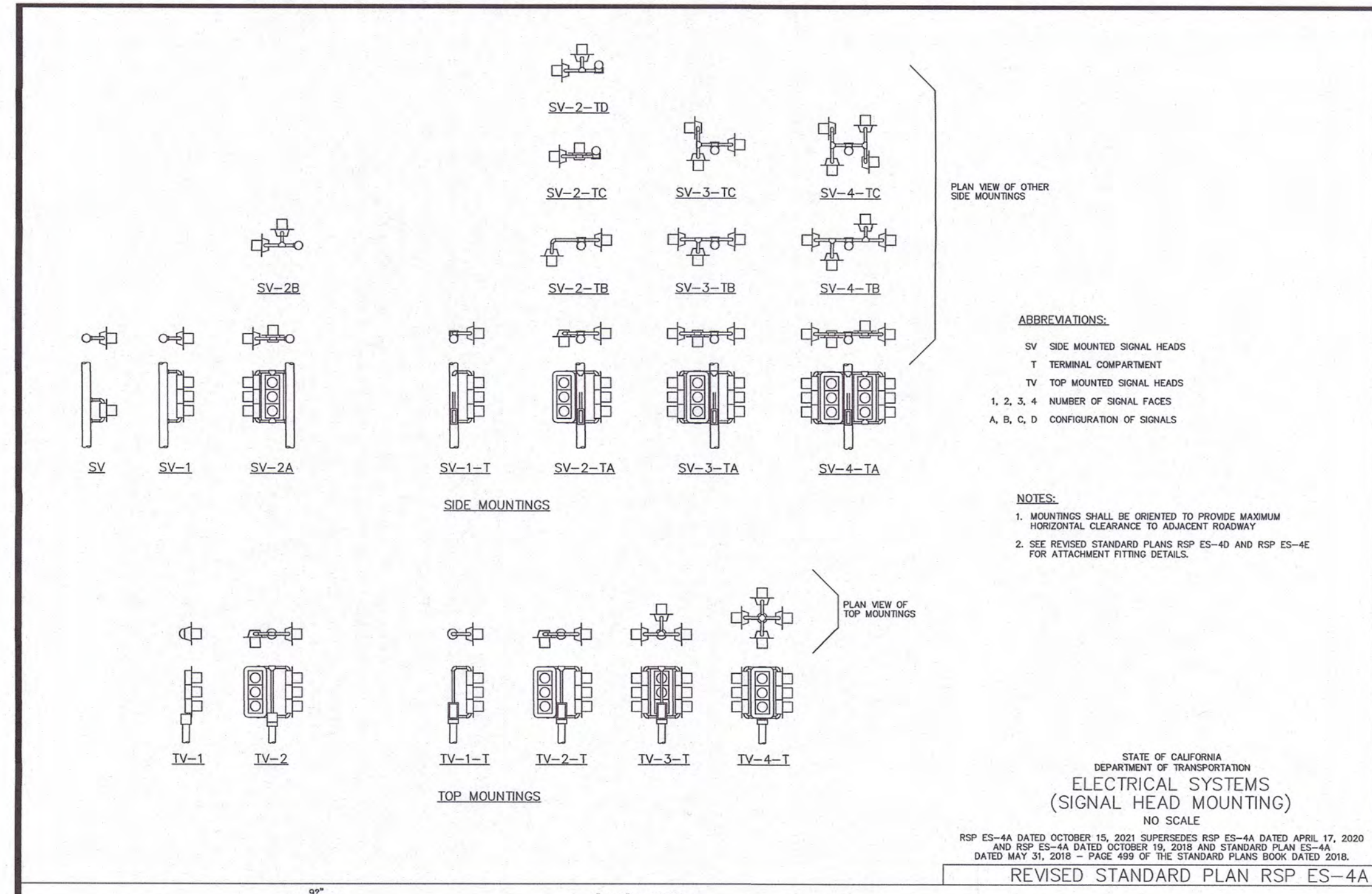


THE PERFECT SOLUTION
 TRAFFIC ENGINEERING & TRANSPORTATION PLANNING
 1906 E. FOUNTAIN STREET, MESA, AZ 85203
 (760) 908-9233
 DATE: 12/02/21 BENCHMARK: SEE SHEET NO. 1

CITY OF IMPERIAL
 IMPROVEMENT PLANS
TRAFFIC SIGNAL PLAN
 LA BRUCHERIE WIDENING PROJECT FROM ATEN BLVD. TO TRESHILL RD.
 SHEET 7 OF 12 SHEETS
 JOB NO. C19033-00

APPROVED
 CITY OF IMPERIAL
 BY: JLP DATE: 07/07/2022
NORTH THE PERFECT SOLUTION
 SCALE 1"=10'

L:\Projects\2019\CI\19033-00 (City of Imperial - La Brucherie Imp)\Engineering\CAD\21-065 Traffic Signal Modification (Final) 2-20-21.dwg 02/07/2022 12:05



STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 ELECTRICAL SYSTEMS
 (SIGNAL AND LIGHTING STANDARD,
 CASE 3 SIGNAL MAST ARM LOADING,
 WIND VELOCITY=100 MPH AND SIGNAL
 MAST ARM LENGTHS 15' TO 45')
 NO SCALE
 RSP ES-7C DATED APRIL 17, 2020 SUPERSEDES STANDARD PLAN ES-7C
 DATED MAY 31, 2018 - PAGE 519 OF THE STANDARD PLANS BOOK DATED 2018.
 REVISED STANDARD PLAN RSP ES-7C

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 ELECTRICAL SYSTEMS
 (NON-TRAFFIC PULL BOX)
 NO SCALE
 RSP ES-8A DATED OCTOBER 15, 2018 SUPERSEDES STANDARD PLAN ES-8A
 DATED MAY 31, 2018 - PAGE 532 OF THE STANDARD PLANS BOOK DATED 2018.
 REVISED STANDARD PLAN RSP ES-8A

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 ELECTRICAL SYSTEMS
 (SIGNAL AND LIGHTING STANDARD, TYPE 1
 AND EQUIPMENT IDENTIFICATION CHARACTERS)
 NO SCALE
 RSP ES-7B DATED MAY 31, 2018 SUPERSEDES RSP ES-7B DATED OCTOBER 15, 2018
 AND STANDARD PLAN ES-7B DATED MAY 31, 2018 - PAGE 512 OF THE STANDARD PLANS BOOK DATED 2018.
 REVISED STANDARD PLAN RSP ES-7B

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 ELECTRICAL SYSTEMS
 (ACCESSIBLE PEDESTRIAN SIGNAL
 AND PUSH BUTTON ASSEMBLIES)
 NO SCALE
 RSP ES-5C DATED OCTOBER 15, 2021 SUPERSEDES STANDARD PLAN ES-5C
 DATED MAY 31, 2018 - PAGE 502 OF THE STANDARD PLANS BOOK DATED 2018.
 REVISED STANDARD PLAN RSP ES-5C

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 ELECTRICAL SYSTEMS
 (PEDESTRIAN SIGNAL HEADS)
 NO SCALE
 RSP ES-4B DATED OCTOBER 15, 2018 SUPERSEDES STANDARD PLAN ES-4B
 DATED MAY 31, 2018 - PAGE 500 OF THE STANDARD PLANS BOOK DATED 2018.
 REVISED STANDARD PLAN RSP ES-4B

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 ELECTRICAL SYSTEMS
 (SIGNAL HEAD MOUNTING)
 NO SCALE
 RSP ES-4A DATED OCTOBER 15, 2021 SUPERSEDES RSP ES-4A DATED APRIL 17, 2020
 AND RSP ES-4A DATED OCTOBER 15, 2018 SUPERSEDES STANDARD PLAN ES-4A
 DATED MAY 31, 2018 - PAGE 500 OF THE STANDARD PLANS BOOK DATED 2018.
 REVISED STANDARD PLAN RSP ES-4A

UNDERGROUND SERVICE ALERT
 CALL: TOLL FREE 811
 TWO WORKING DAYS BEFORE YOU DIG

2/26/21 STAFF PLANCHHECK BY ID 1/11/21
 6/21/21 STAFF PLANCHHECK BY ID 5/11/21
 11/02/21 STAFF PLANCHHECK BY ID 10/14/21

APPROVED BY DIRECTOR OF PUBLIC WORKS
 CITY OF IMPERIAL, CA.
 BY: Jackie Loper DATE: 2-7-22
 JACKIE LOPER
 R.C.E. NO.:

ENGINEER OF RECORD
 PLANS PREPARED UNDER THE SUPERVISION OF
 BY: Carlos Corrales DATE: 2-02-2022
 CARLOS CORRALES
 R.C.E. NO.: 55432

SEAL
 REGISTERED PROFESSIONAL ENGINEER
 CARLOS CORRALES
 No. 55432
 EXP. 12-31-22
 CIVIL
 STATE OF CALIFORNIA

LC ENGINEERING CONSULTANTS INC.
 CIVIL ENGINEERING-LAND SURVEYING-CONSTRUCTION MANAGEMENT SERVICES
 1065 State Street
 El Centro CA 92243
 www.lce-inc.com
 tel: 760.353.8100
 info@lce-inc.com
 fax: 760.353.6108

CITY OF IMPERIAL
 IMPROVEMENT PLANS
 TRAFFIC SIGNAL DETAILS
 LA BRUCHERIE WIDENING PROJECT
 FROM ATEN BLVD. TO TRESHILL RD.

DATE: 12/02/21 BENCHMARK: SEE SHEET NO. 1

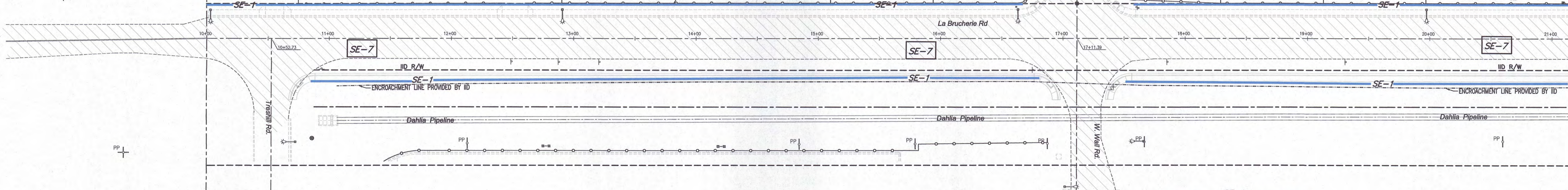
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SHEET 8 OF 12 SHEETS
 JOB NO. C19033-00

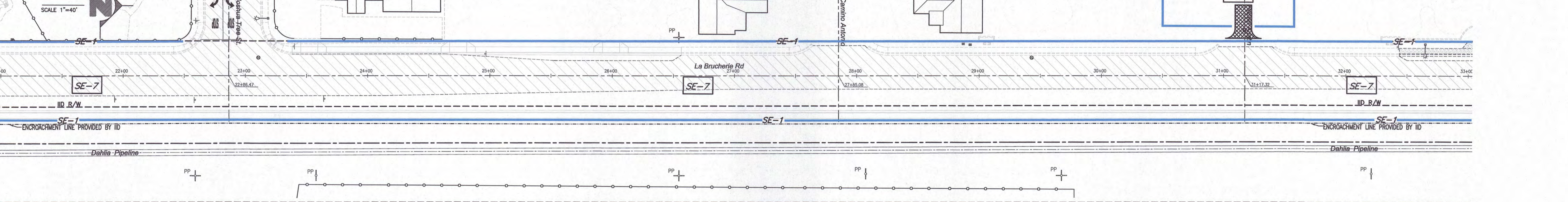
APPROVED
 CITY OF IMPERIAL
 BY: JLP DATE: 02/07/2022

L:\Projects\2019\C19033-00 (City of Imperial Imp)\Engineering\CAD\C19033-00_DET.dwg 02/02/2022 12:47

SCALE 1"=40'



SCALE 1"=40'

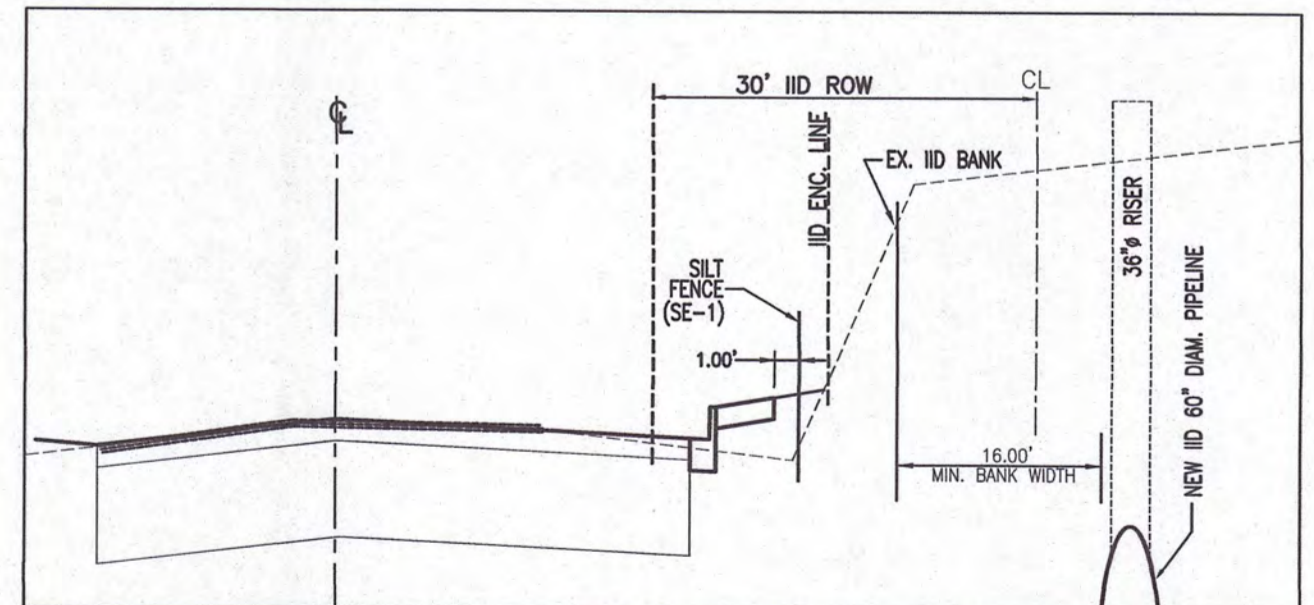


IID ENCROACHMENT PERMIT WILL BE REQUIRED PRIOR TO START ANY WORK WITHIN IID RIGHT OF WAY

contractor's yard area will use the following bmps per latest revision of casqa stormwater bmp handbook:
 SE-1 SILT FENCE
 SE-7 STREET SWEEPING
 TC-1 & TC-3 STABILIZED CONSTRUCTION ENTRANCE/EXIT WITH TIRE WASH

LEGEND:

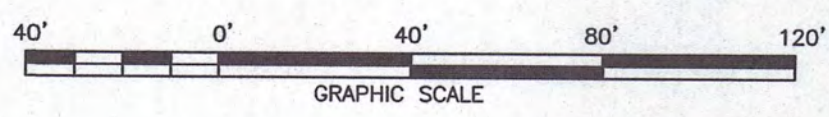
- SE-1. SILT FENCE
- SE-7. STREET SWEEPING AND VACUUMING (ON EXISTING ROADS AND ON NEW STREETS ONCE CONSTRUCTED)
- TC-1. STABILIZED CONSTRUCTION ENTRANCE/EXIT



TYPICAL CROSS SECTION - SILT FENCE LOCATION
STA 176+46

APPROVED
CITY OF IMPERIAL
BY *Jip* DATE *02/02/2022*

NATURAL FLOW PATH
 PROJECT SURFACE FLOW DIRECTION

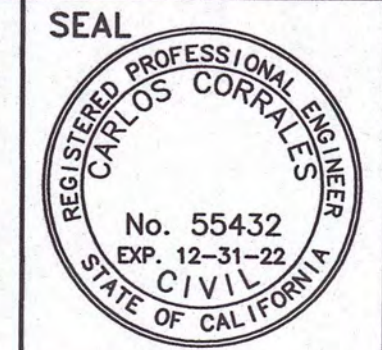


UNDERGROUND SERVICE ALERT
CALL: TOLL FREE 811
TWO WORKING DAYS BEFORE YOU DIG

2/26/21	STAFF	PLANCHCK BY IID 1/11/21	
6/21/21	STAFF	PLANCHCK BY IID 5/11/21	
11/02/21	STAFF	PLANCHCK BY IID 10/14/21	
DATE	BY	MARK	REVISIONS
	ENGINEER		
APPR. DATE	BY	DATE	
	CITY		

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA.
BY: *Jackie Loper* DATE: *2-7-22*
R.C.E. NO.:

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
BY: *Carlos Corrales* DATE: *2-02-2022*
R.C.E. NO.: 55432

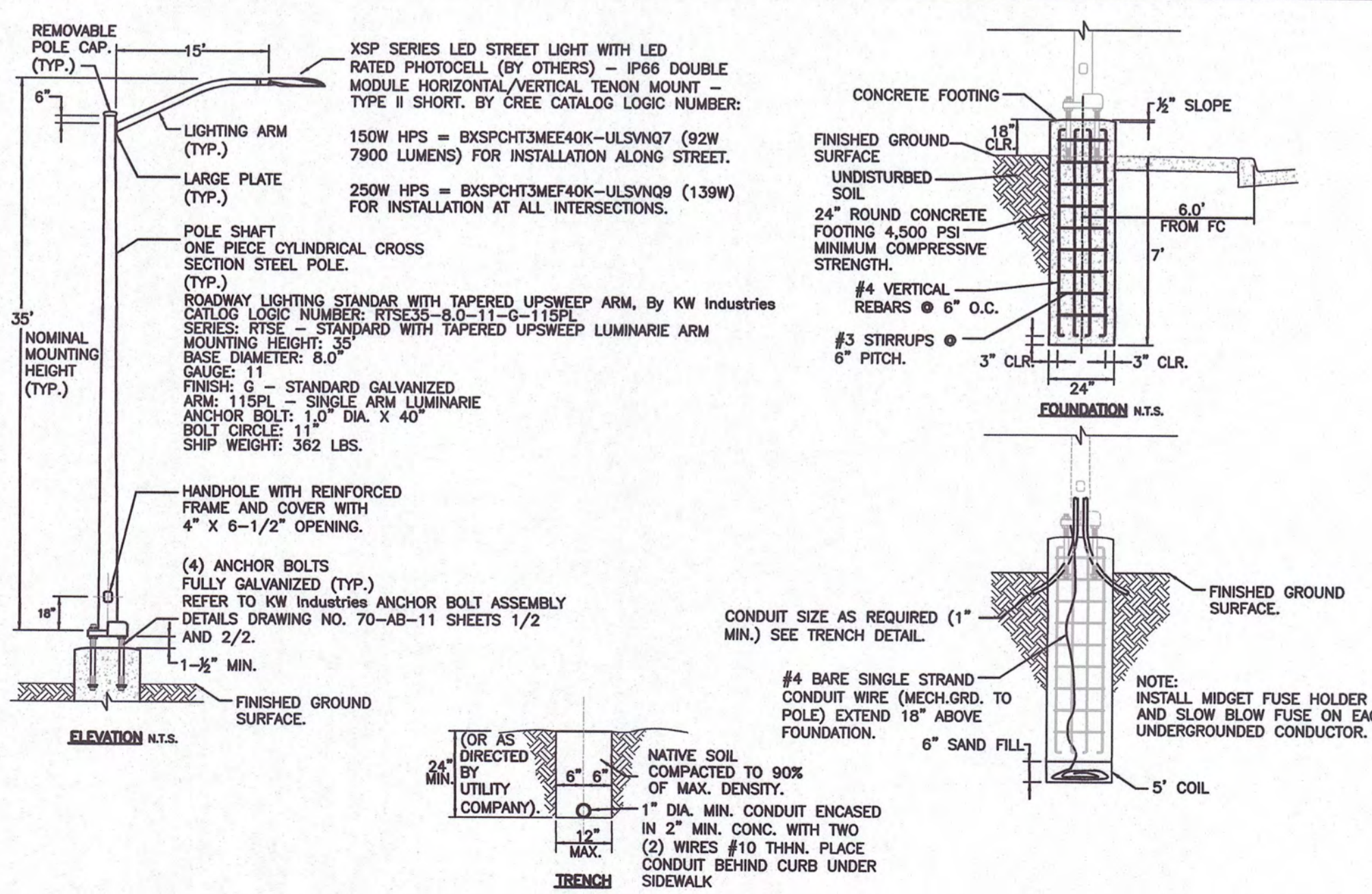


LC ENGINEERING CONSULTANTS INC.
CIVIL ENGINEERING • LAND SURVEYING • CONSTRUCTION MANAGEMENT SERVICES
1065 State Street
El Centro CA 92243
www.lcc-inc.com
info@lcc-inc.com
tel: 951.353.8180 fax: 951.353.6408
DATE: 12/02/21 BENCHMARK: SEE SHEET NO. 1

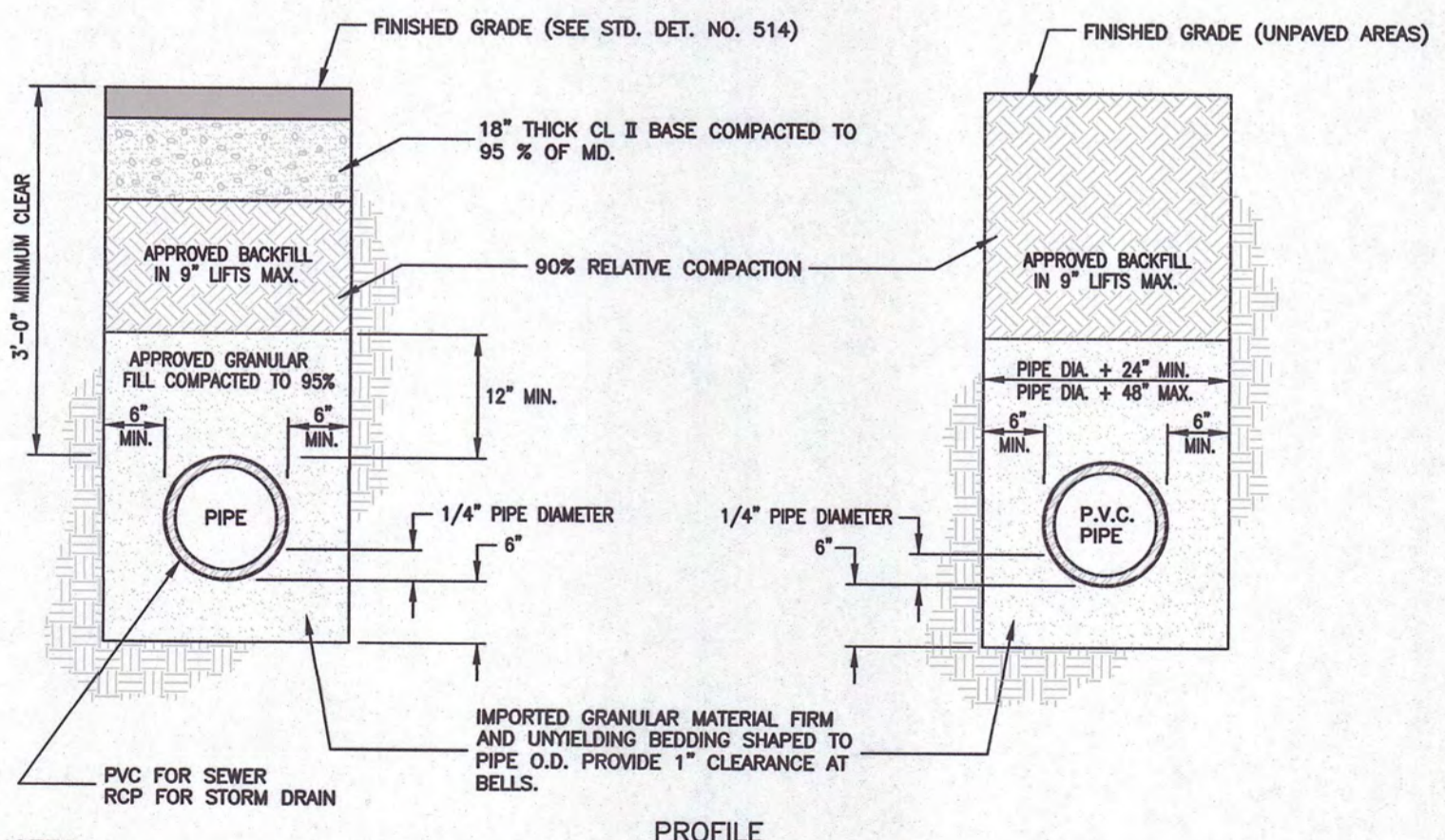
CITY OF IMPERIAL
IMPROVEMENT PLANS
EROSION CONTROL PLAN
LA BRUCHERIE WIDENING PROJECT
FROM ATEN BLVD. TO TRESHILL RD.
SHEET 9 OF 12 SHEETS
JOB NO. C19033-00
W.O.

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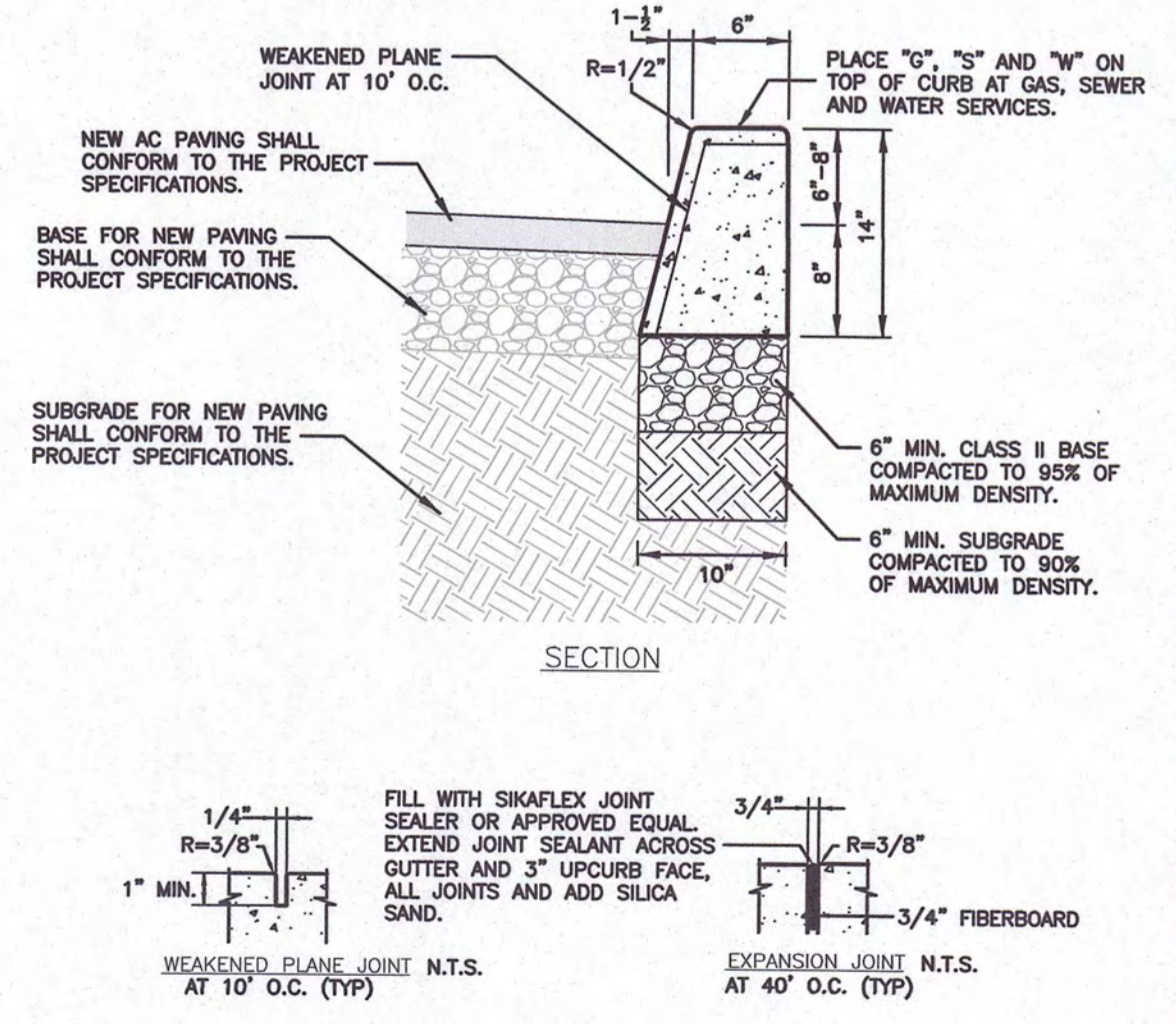


STREET LIGHT DETAIL
CITY OF IMPERIAL STD. DWG. NO. 511 - REV 1/7/19 NO SCALE



NOTES:
1.- FOR TRENCH RESURFACING ON IMPROVED STREETS SEE CITY OF IMPERIAL STANDARD DETAIL NO. 514.
2.- PIPE BEDDING AND APPROVED BACKFILL MATERIAL SHALL BE AS DETERMINED BY THE ENGINEERING DIVISION AND THE PUBLIC SERVICES DEPARTMENT AND IS SUBJECT TO MODIFICATION AND APPROVAL BY THE COMMUNITY DEVELOPMENT DIRECTOR.
3.- WHERE AN APPROVED GEOTEXT OR FABRIC EXISTS IN THE BASE OR ASPHALT MATERIAL A MINIMUM OVERLAP OF 1 FOOT SHALL BE MADE OR ALTERNATELY FULL TRENCH BACKFILL RESTORATION USING EITHER A 2 SACK CEMENT SLURRY OR CLASS 2 AGGREGATE BASE MATERIAL SHALL BE REQUIRED.

UTILITY TRENCH DETAIL
CITY OF IMPERIAL STD. DWG. NO. 513 - REV 10/10/19 NO SCALE



NOTES:
1.- EXPANSION JOINTS TO BE INSTALLED AT ALL B.C.'S, E.C.'S, CURB RETURNS AND STRUCTURES IN ADDITION TO 40' O.C.
2.- PLACE WEAKENED PLANE JOINTS EVERY 10 LINEAR FEET ALONG THE CURB.
3.- PLACE EXPANSION JOINTS EVERY 40 FEET. EXPANSION JOINT MATERIAL TO BE COMPOSED OF 3/4" (MIN.) FIBER BOARD INSTALLED ACROSS SECTION OF CURB. THE CURB FACE AND TOP OF CURB SHALL RECEIVE A DOUBLE TROWEL FINISH.
4.- THE CURB EDGES SHALL BE PLACED TRUE TO LINE AND GRADE. VERTICAL ELEVATIONS SHALL NOT VARY MORE THAN ±0.01" WITH A MAXIMUM VARIANCE OF 0.02" FROM DESIGN GRADE OCCURRING IN ANY GIVEN 100 FOOT SECTION. THE HORIZONTAL CURB EDGES SHALL NOT VARY MORE THAN 1/4 INCH IN ANY GIVEN 100 FOOT SECTION.
5.- CURB AND GUTTER SHALL BE CLASS 3 CONCRETE WHICH SHALL ATTAIN A COMPRESSIVE STRENGTH OF 4,000 PSI AFTER 28 DAYS OF CURING IN ACCORDANCE WITH ASTM C39/C39M-99 AND SHALL CONTAIN 1-1/2 LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBER BY FIBERMESH CO., FORTA MONO, OR APPROVED EQUAL.
6.- CURING COMPOUND SHALL BE SPRAYED UNIFORMLY ON EXPOSED SURFACES. HYDRO-CURE CLEAR CC-309-1W, OR APPROVED EQUAL.
7.- ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING USE TO ADEQUATELY INSURE PUBLIC SAFETY.
8.- ALL EXPOSED SURFACES TO HAVE A SMOOTH TROWEL FINISH. DRY SACK FINISH WILL NOT BE ALLOWED.
9.- WHEN CURB IS PLACED BY AN EXTRUSION MACHINE, MINOR FINISHING SHALL BE DONE TO PROVIDE AN ACCEPTABLE FINISH AND THE WEAKENED PLANE JOINT MAY BE SAWCUT.
10.- WHEN OCCURS, SAWCUT, REMOVE AND REPLACE 1.0' MIN. OF EXISTING AC PAVEMENT TO INSTALL NEW PCC CURB. IF THE EXIST. AC SECTION IS SMALLER THAN 3", THEN PROVIDE 3" OF NEW AC PAVEMENT AS A MINIMUM. IF THE SECTION IS GREATER THAN 3", THEN MATCH WITH EXISTING ASPHALT. IF EXISTING BASE IS DISTURBED, THEN REMOVE AND REPLACE WITH 8" OF CLASS II BASE COMPACTED TO 90% OF MAX. DENSITY.
11.- COMPACTION TEST FOR CLASS II BASE AND HUMIDITY TEST FOR SUBGRADE ARE REQUIRED BY THE CITY OF IMPERIAL WITH NO EXCEPTIONS.
12.- APPLY ONE COAT OF W.R. MEADOWS SEALTIGHT 1100 RESIN-BASED, WATER-BALANCE CONCRETE CURING COMPOUND OVER ALL CONCRETE SURFACE.

PCC BARRIER CURB DETAIL
CITY OF IMPERIAL STD. DWG. NO. 401 - REV 10/10/19 NO SCALE

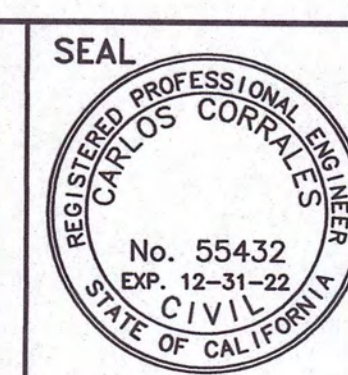
APPROVED
CITY OF IMPERIAL
BY: *Jep* DATE: *02/02/2022*

UNDERGROUND SERVICE ALERT
CALL: TOLL FREE 811
TWO WORKING DAYS BEFORE YOU DIG

2/28/21	STAFF	PLANCHECK BY ID 1/11/21
8/21/21	STAFF	PLANCHECK BY ID 5/11/21
11/02/21	STAFF	PLANCHECK BY ID 10/14/21
DATE	BY	MARK
REVISIONS		
APPR.	DATE	CITY

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA.
BY: *Jackie Loper* DATE: *2-7-22*
R.C.E. NO.:

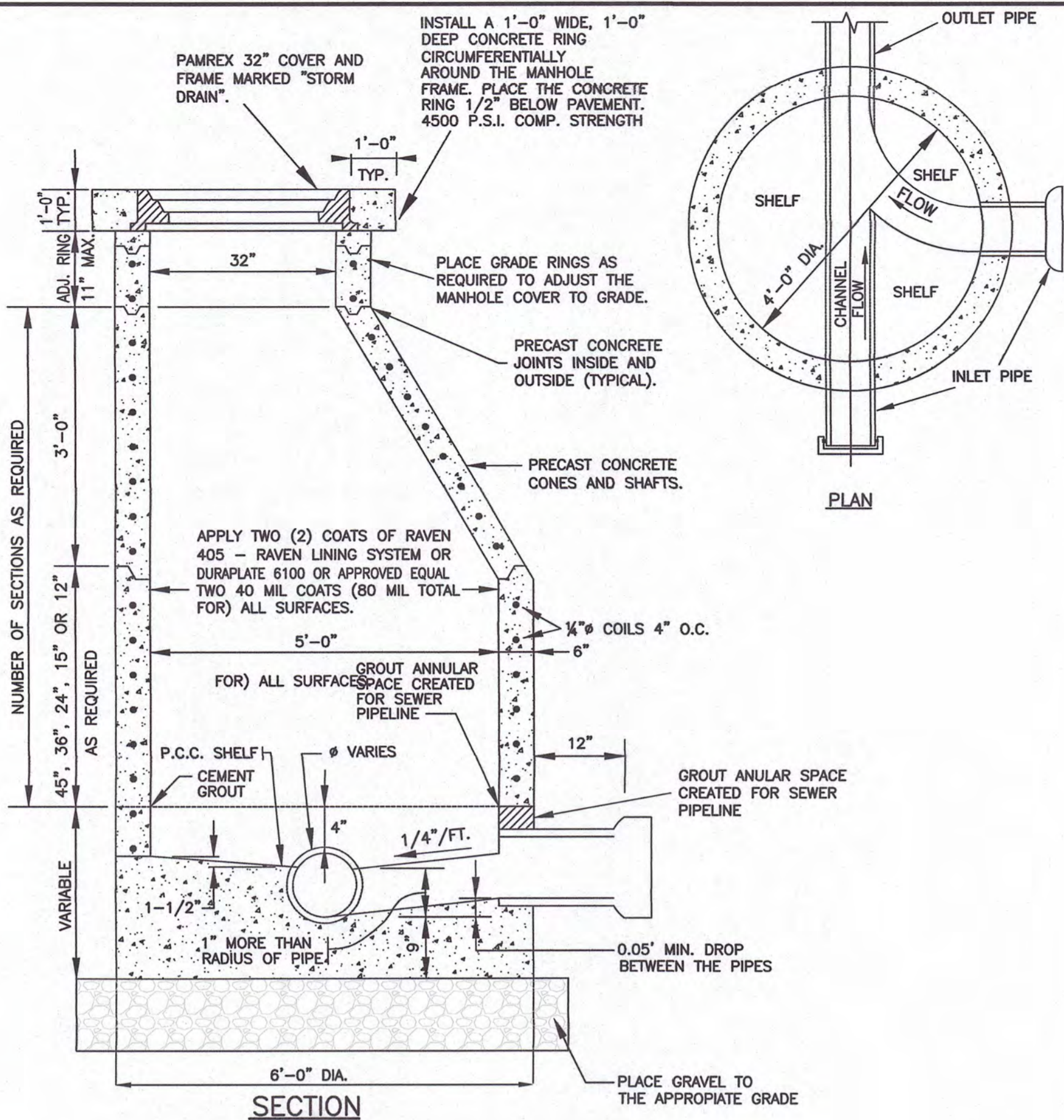
ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF
BY: *Carlos Corrales* DATE: *2-02-2022*
R.C.E. NO.: 55432



LC ENGINEERING CONSULTANTS INC.
CIVIL ENGINEERING - LAND SURVEYING - CONSTRUCTION MANAGEMENT SERVICES
1065 State Street
El Centro CA 92243
www.lceco.com
tel: 951.323.8700
info@lceco.com
fax: 951.323.6198

CITY OF IMPERIAL
IMPROVEMENT PLANS
SPECIFICATIONS & DETAILS
LA BRUCHERIE WIDENING PROJECT
FROM ATEN BLVD. TO TRESHILL RD.
W.O.
SHEET 10 OF 12 SHEETS
JOB NO. C19033-00

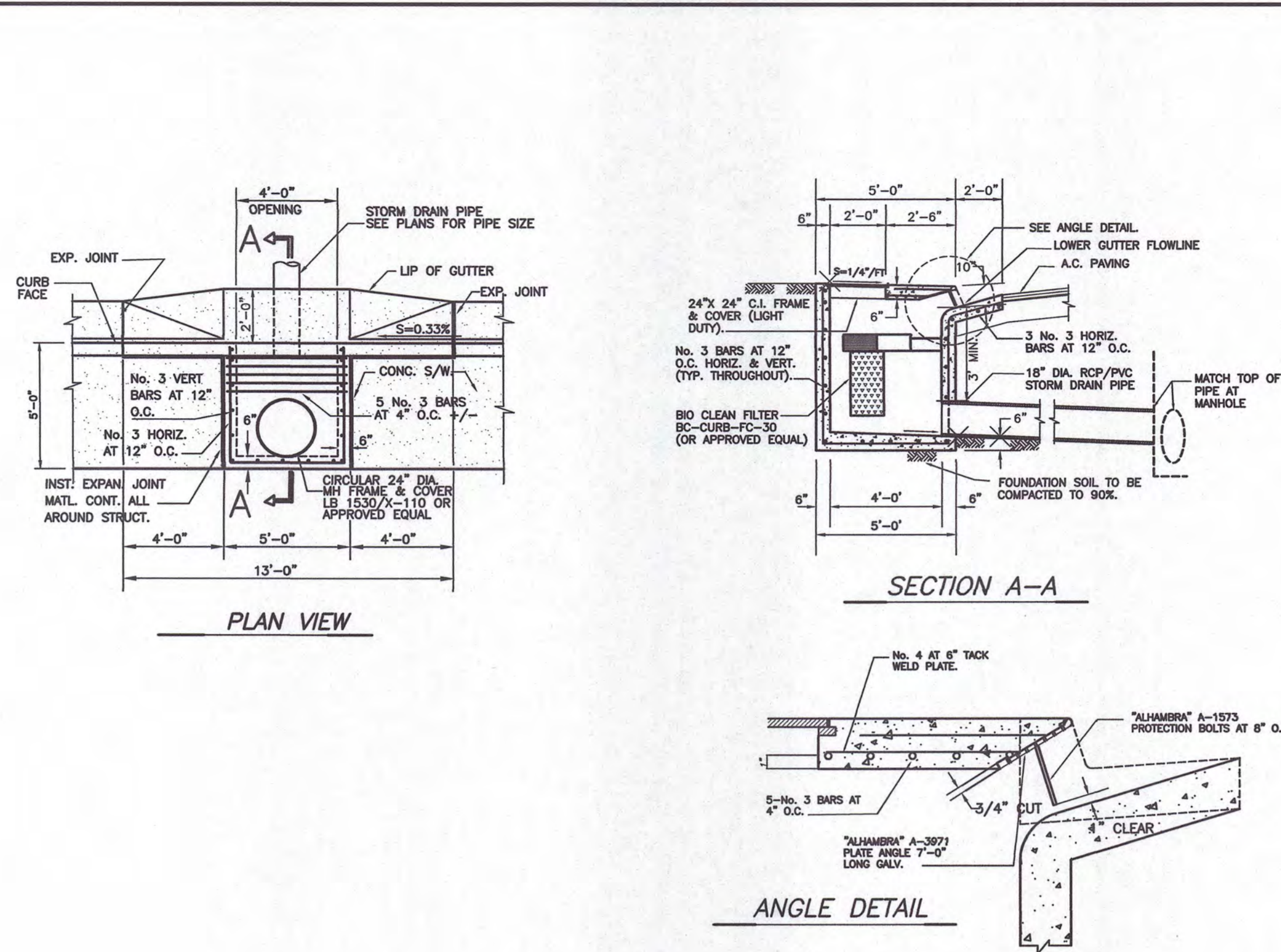
DATE: 12/02/21 BENCHMARK: SEE SHEET NO. 1



ECCENTRIC STORMDRAIN MANHOLE DETAIL

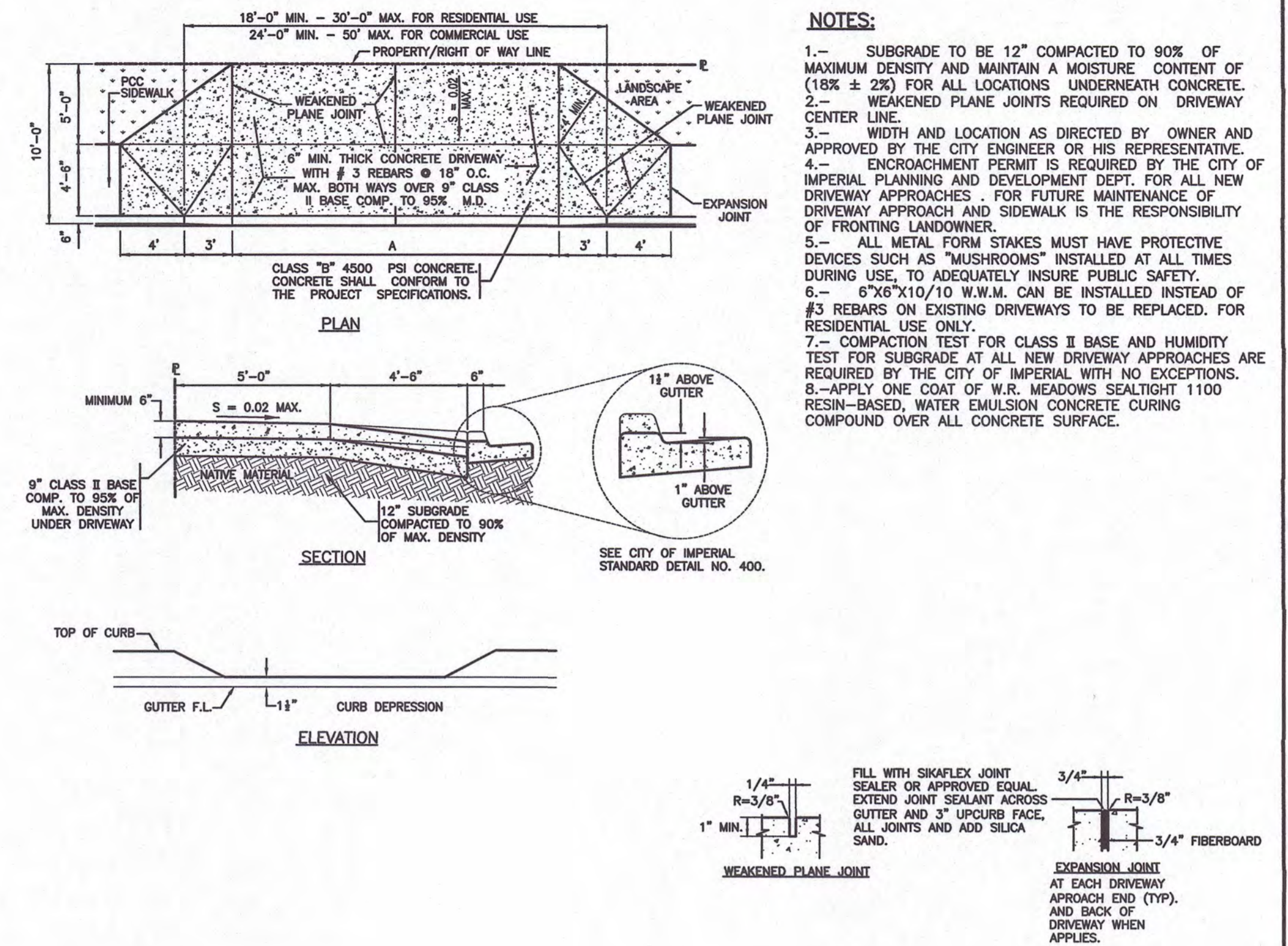
CITY OF IMPERIAL STD. DWG. NO. 300 - REV 10/10/19

NO SCALE



STORM DRAIN CATCH BASIN WITH BIO CLEAN FILTER

NO SCALE



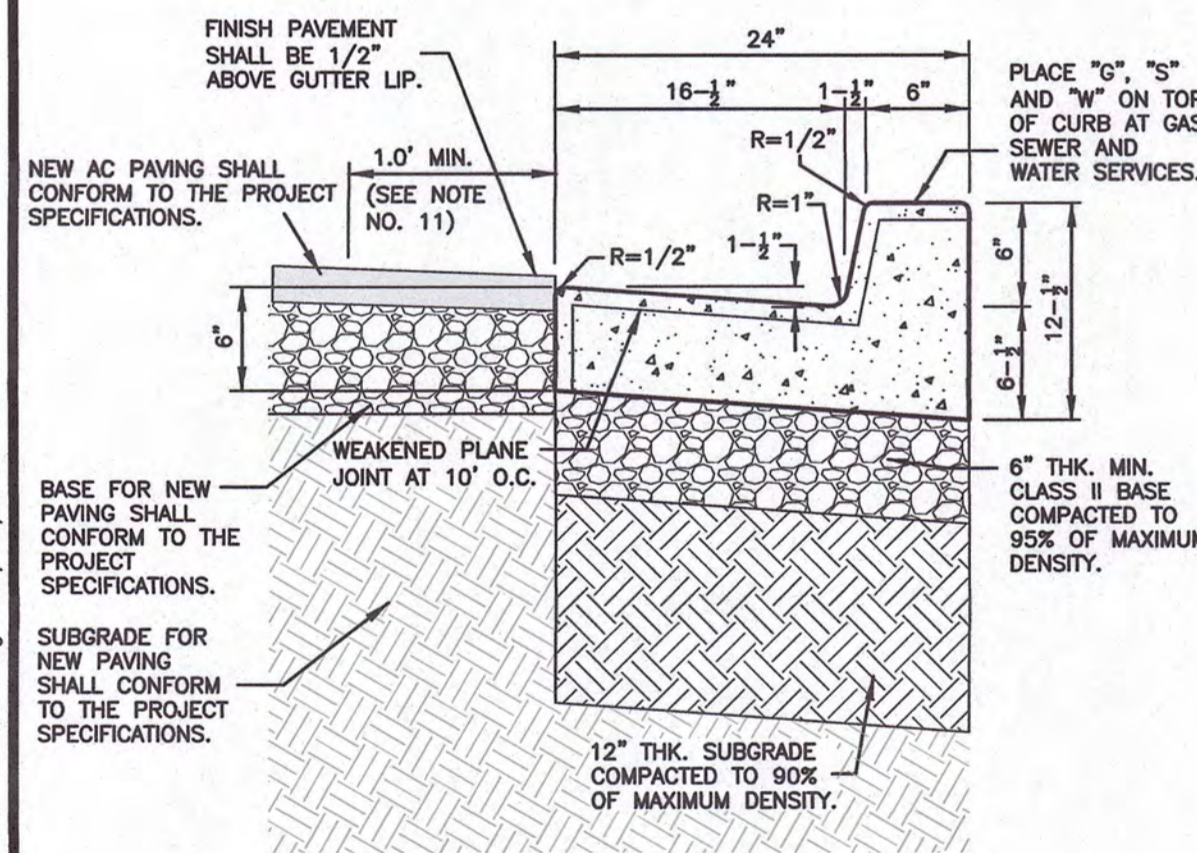
PCC DRIVEWAY APPROACH DETAIL

CITY OF IMPERIAL STD. DWG. NO. 403 - REV 10/10/19

NO SCALE

NOTES:

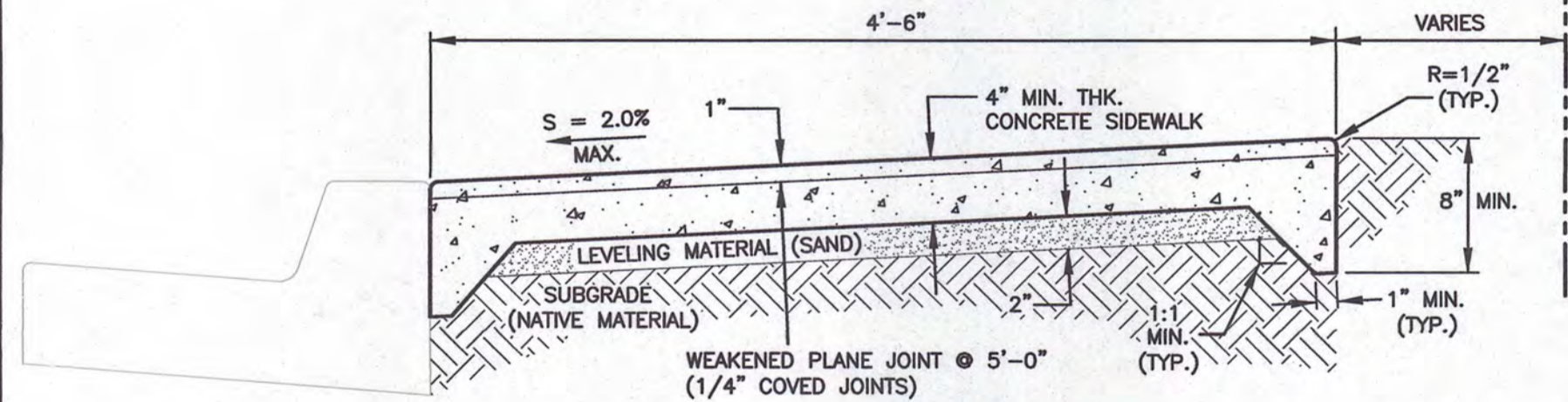
- 1.-EXPANSION JOINTS TO BE INSTALLED AT ALL B.C.'S, E.C.'S, CURB RETURNS AND STRUCTURES IN ADDITION TO @ 40' O.C.
- 2.-PLACE WEAKENED PLANE JOINTS EVERY 10 LINEAR FEET ALONG THE CURB.
- 3.-PLACE EXPANSION JOINTS EVERY 40 FEET. EXPANSION JOINT MATERIAL TO BE COMPOSED OF 3/4\" (MIN.) FIBER BOARD INSTALLED ACROSS SECTION OF CURB. THE CURB FACE AND TOP OF CURB SHALL RECEIVE A DOUBLE TROWEL FINISH.
- 4.-THE CURB EDGES SHALL BE PLACED TRUE TO LINE AND GRADE. VERTICAL ELEVATIONS SHALL NOT VARY MORE THAN ±0.01' WITH A MAXIMUM VARIANCE OF 0.02' FROM DESIGN GRADE OCCURRING IN ANY GIVEN 100 FOOT SECTION. THE HORIZONTAL CURB EDGES SHALL NOT VARY MORE THAN 1/4 INCH IN ANY GIVEN 100 FOOT SECTION.
- 5.-CURB AND GUTTER SHALL BE CLASS 3 CONCRETE WHICH SHALL ATTAIN A COMPRESSIVE STRENGTH OF 4,000 PSI AFTER 28 DAYS OF CURING IN ACCORDANCE WITH ASTM C39/C39M-99 AND SHALL CONTAIN 1-1/2 LBS. OF POLYPROPYLENE FIBER PER CUBIC YARD. POLYPROPYLENE FIBER BY FIBERMESH CO., FORTA MONO, OR APPROVED EQUAL.
- 6.-CURING COMPOUND SHALL BE SPRAYED UNIFORMLY ON EXPOSED SURFACES. HYDRO-CURE CLEAR CC-309-1W, OR APPROVED EQUAL.
- 7.-ALL METAL FORM STAKES MUST HAVE PROTECTIVE DEVICES SUCH AS "MUSHROOMS" INSTALLED AT ALL TIMES DURING USE, TO ADEQUALLY INSURE PUBLIC SAFETY.
- 8.-ALL EXPOSED SURFACES TO HAVE A SMOOTH TROWEL FINISH. DRY SACK FINISH WILL NOT BE ALLOWED.
- 9.-WHEN CURB AND GUTTER IS PLACED BY AN EXTRUSION MACHINE, MINOR FINISHING SHALL BE DONE TO PROVIDE AN ACCEPTABLE FINISH AND THE WEAKENED PLANE JOINT MAY BE SAWCUT.
- 10.-WIDTH OF STANDARD STREET SECTIONS SHOWN ON PLANS ARE TO CURB LINES UNLESS OTHERWISE INDICATED.
- 11.- WHEN OCCURS; SAWCUT, REMOVE AND REPLACE 1.0' MIN. OF EXISTING AC PAVEMENT TO INSTALL NEW PCC CURB AND GUTTER. IF THE EXISTING AC SECTION IS SMALLER THAN 3', THEN PROVIDE 3' OF NEW AC PAVEMENT AS A MINIMUM, IF THE SECTION IS GREATER THAN 3', THEN MATCH WITH EXISTING ASPHALT. IF THE EXISTING BASE IS DISTURBED OR IS ABSENT, THEN REMOVE AND REPLACE WITH 9\" OF CLASS II BASE COMPACTED TO 90% OF MAX. DENSITY, AND IN THIS CASE, COMPACTION TEST WILL BE REQUIRED BY THE CITY OF IMPERIAL WITH NO EXCEPTIONS.
- 12.-APPLY ONE COAT OF W.R. MEADOWS SEALTIGHT 1100 RESIN-BASED, WATER EMULSION CONCRETE CURING COMPOUND OVER ALL CONCRETE SURFACE.



CURB AND GUTTER DETAIL

CITY OF IMPERIAL STD. DWG. NO. 400 - REV 10/10/19

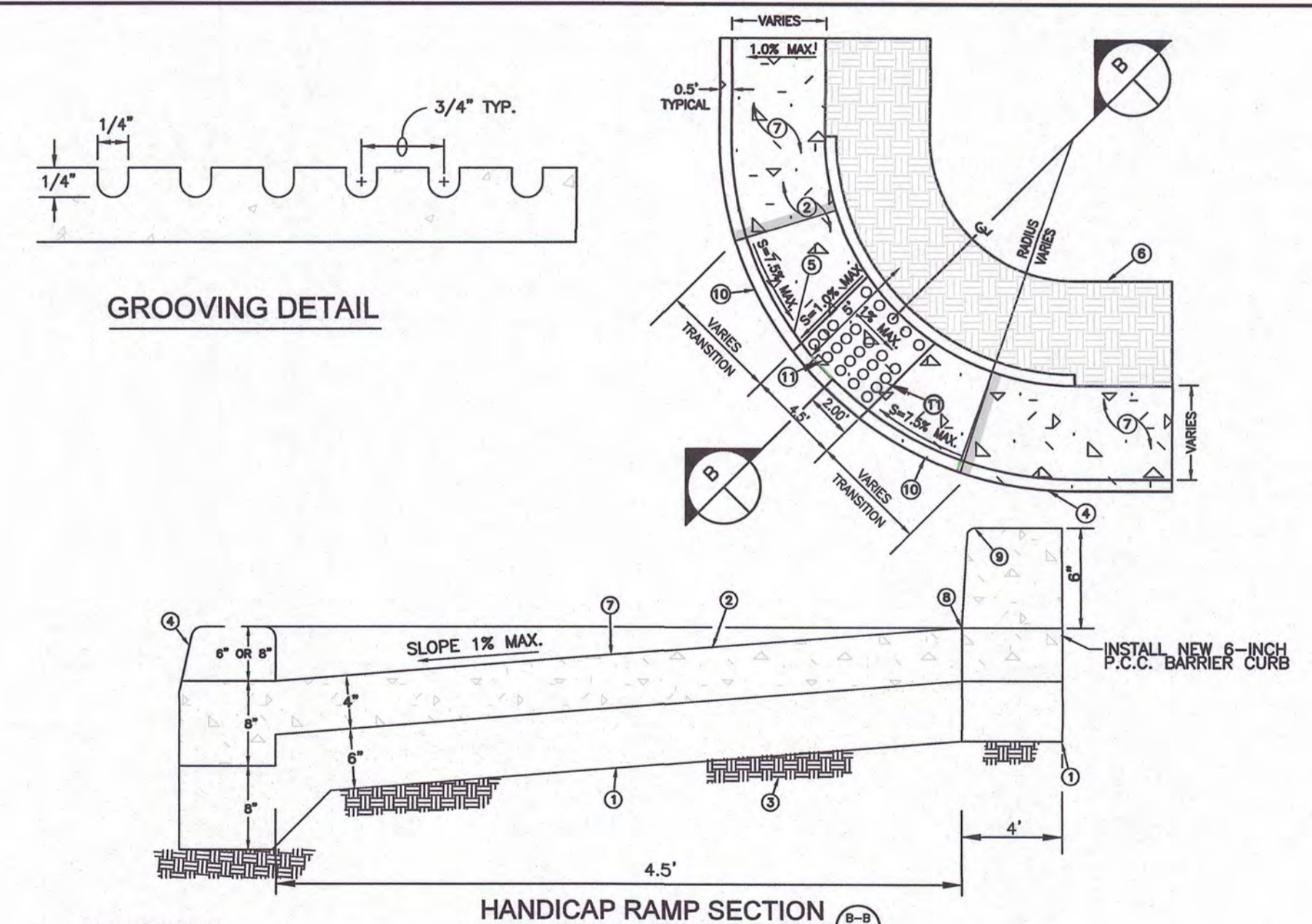
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PCC CONTINUOUS SIDEWALK DETAIL

CITY OF IMPERIAL STD. DWG. NO. 407 - REV 1/17/19

NO SCALE



HANDICAP RAMP DETAIL

NO SCALE

- KEYNOTES**
1. INSTALL CLASS 2 BASE MATERIAL COMPACT THE BASE MATERIAL TO 95 PERCENT OF MAXIMUM DENSITY PER ASTM D-1557.
 2. INSTALL 4\" THICK 5,000 PSI P.C.C. CONCRETE CURB RETURN.
 3. NATIVE MATERIAL TO REMAIN.
 4. FACE OF CURB.
 5. P.C.C. DEPRESSED CURB FOR A 6'-0\" DISTANCE.
 6. INSTALL NATIVE MATERIAL FLUSH WITH THE SURFACE OF THE P.C.C. CONCRETE. SLOPE THE NATIVE MATERIAL AWAY FROM THE TOP OF THE P.C.C. CONCRETE FOR A HORIZONTAL LENGTH OF 5 FEET.
 7. THE CURB RETURN SHALL BE CONSTRUCTED WITH 4\" OF P.C.C. CONCRETE PLACED OVER 8\" OF CLASS 2 BASE MATERIAL. THE CONCRETE SHALL ATTAIN 5,000 P.S.I. COMPRESSIVE STRENGTH AFTER 28 DAYS CURING. THE CONCRETE SURFACE SHALL RECEIVE A DOUBLE TROWEL FINISH. THE FINAL SURFACE OF THE RAMP SHALL CONSIST OF A TRANSVERSE BROOMED SURFACE EXCEPT FOR GROOVED AREAS. A 12 INCH BORDER SHALL BE PLACED ON THE RAMP. THE BORDER SHALL CONSIST OF 1/4 INCH GROOVES PLACED 3/4 INCHES ON CENTER. SEE GROOVING DETAIL ABOVE.
 8. TOP OF RAMP.
 9. ROUNDED.
 10. P.C.C. CURB TRANSITION.
 11. INSTALL TRUNCATED DOMES. SEE TYPICAL TRUNCATED DOME DETAIL S125.

APPROVED
CITY OF IMPERIAL

By: *JTP* DATE: *02/02/2022*

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6/21/21	STAFF	PLANCHHECK BY ID 5/11/21	
1/02/21	STAFF	PLANCHHECK BY ID 10/14/21	
DATE	BY	MARK	APPR. DATE
	ENGINEER	REVISIONS	CITY

APPROVED BY DIRECTOR OF PUBLIC WORKS
CITY OF IMPERIAL, CA.

BY: *Jackie Loper* DATE: *2-7-22*
JACKIE LOPER

R.C.E. NO.:

ENGINEER OF RECORD
PLANS PREPARED UNDER THE SUPERVISION OF

BY: *Carlos Corrales* DATE: *2-02-2022*
CARLOS CORRALES

R.C.E. NO.: 55432

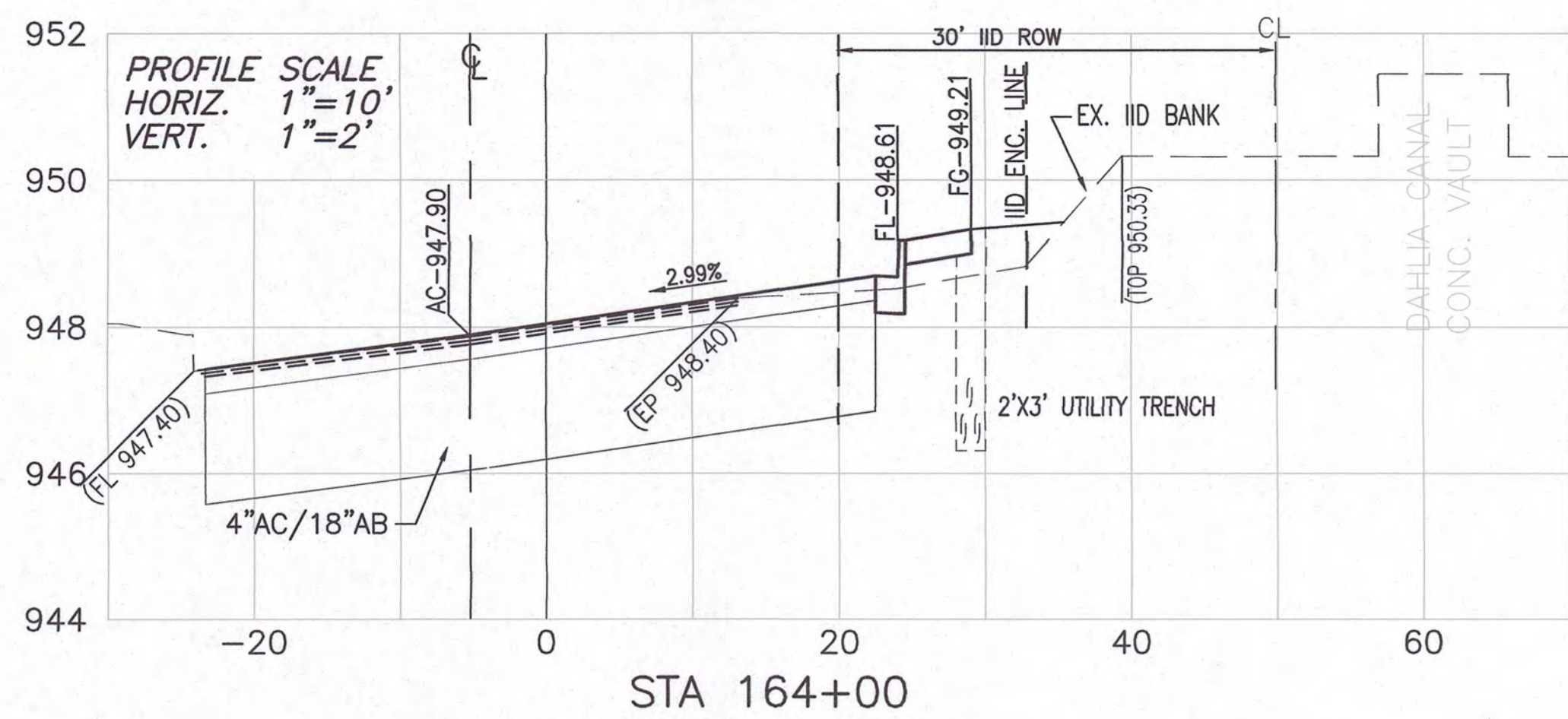
SEAL
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CARLOS CORRALES
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LC ENGINEERING CONSULTANTS INC.
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1065 State Street
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www.lcc-inc.com
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info@lcc-inc.com
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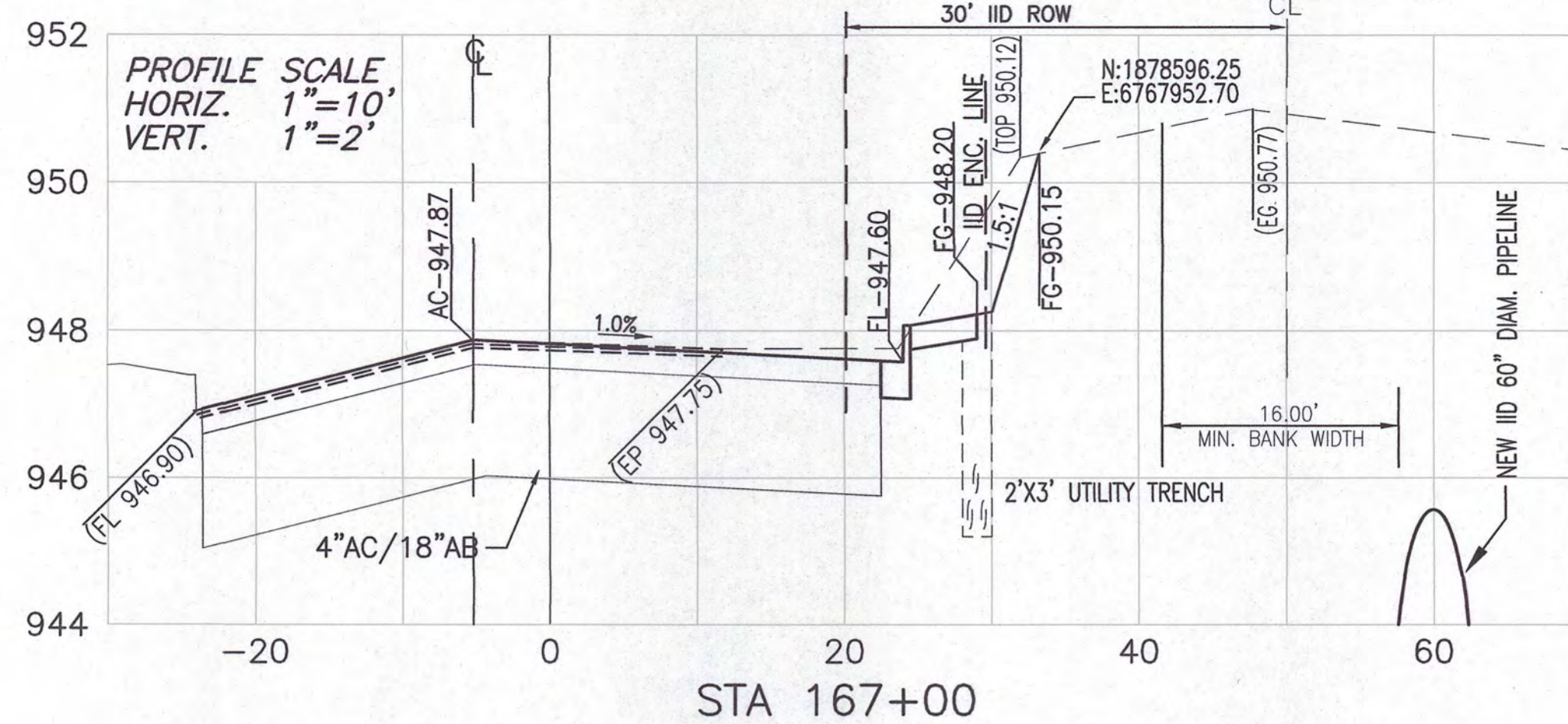
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CITY OF IMPERIAL
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LA BRUCHERIE WIDENING PROJECT
FROM ATEN BLVD. TO TRESHILL RD.

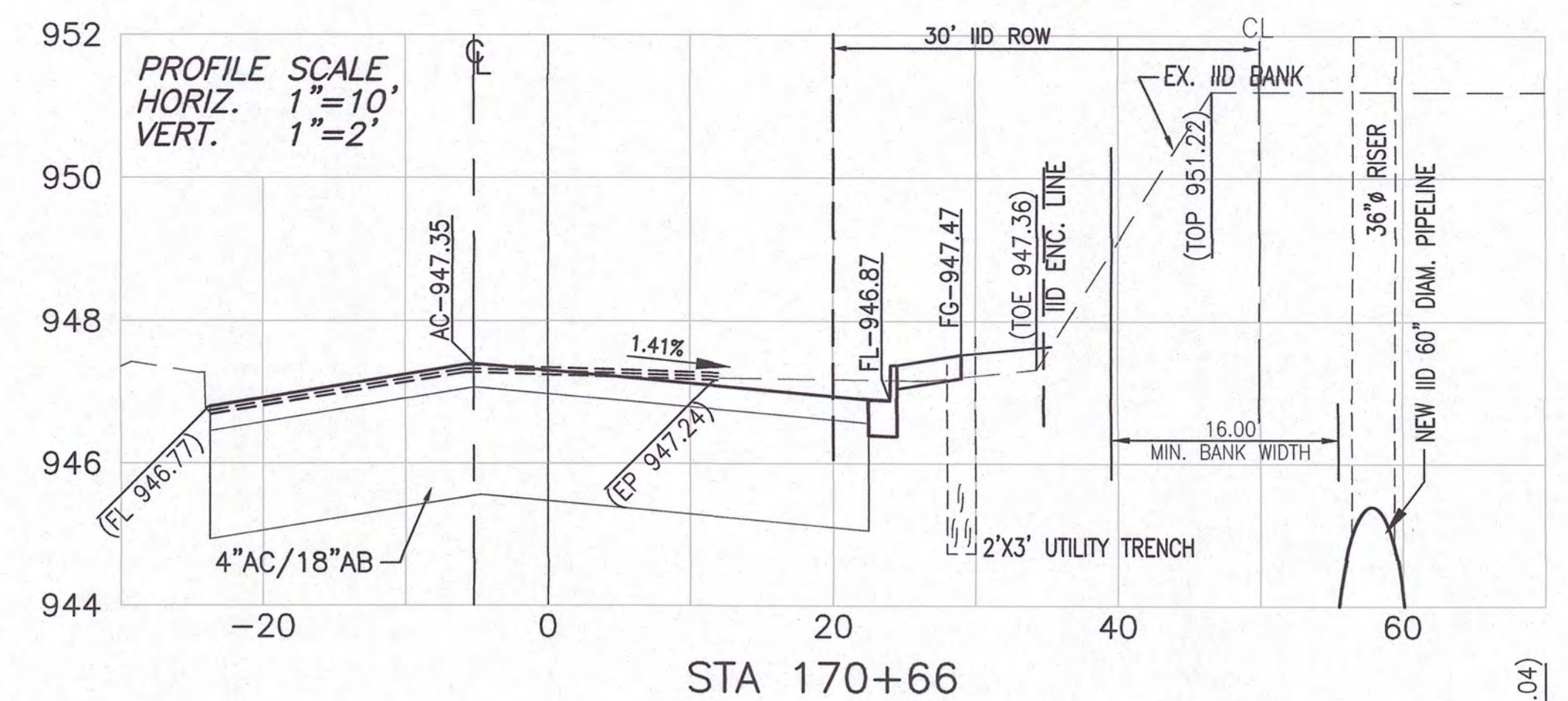
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12 SHEETS
JOB NO.
C19033-00



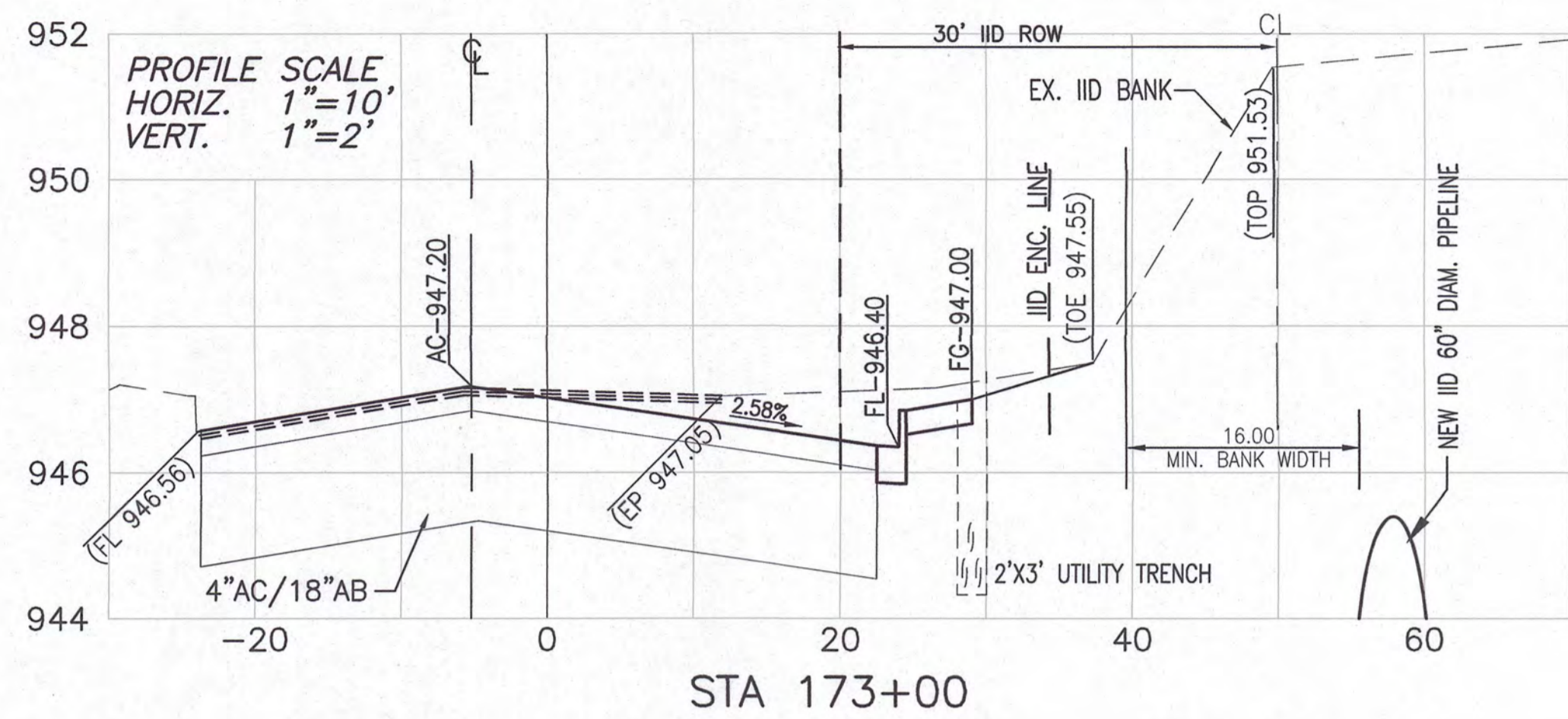
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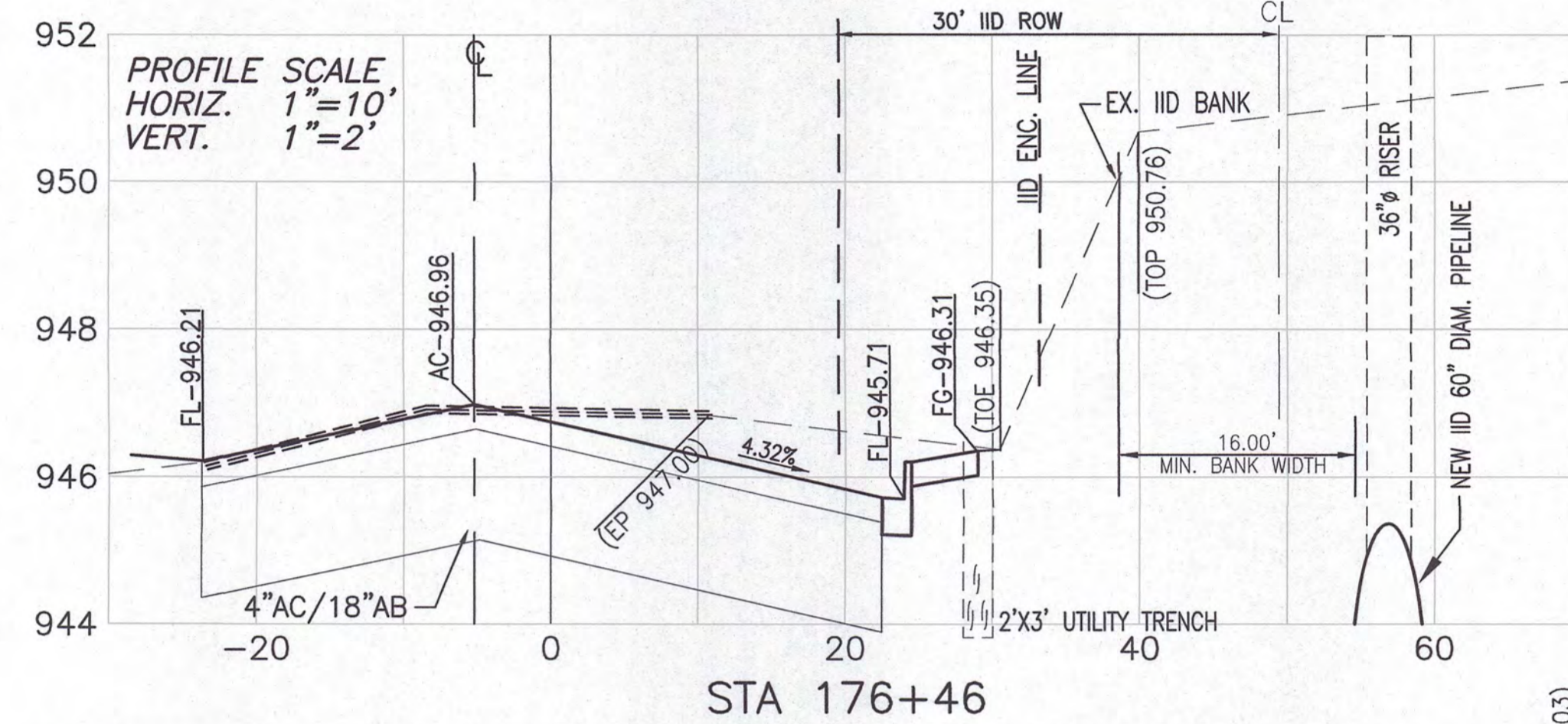
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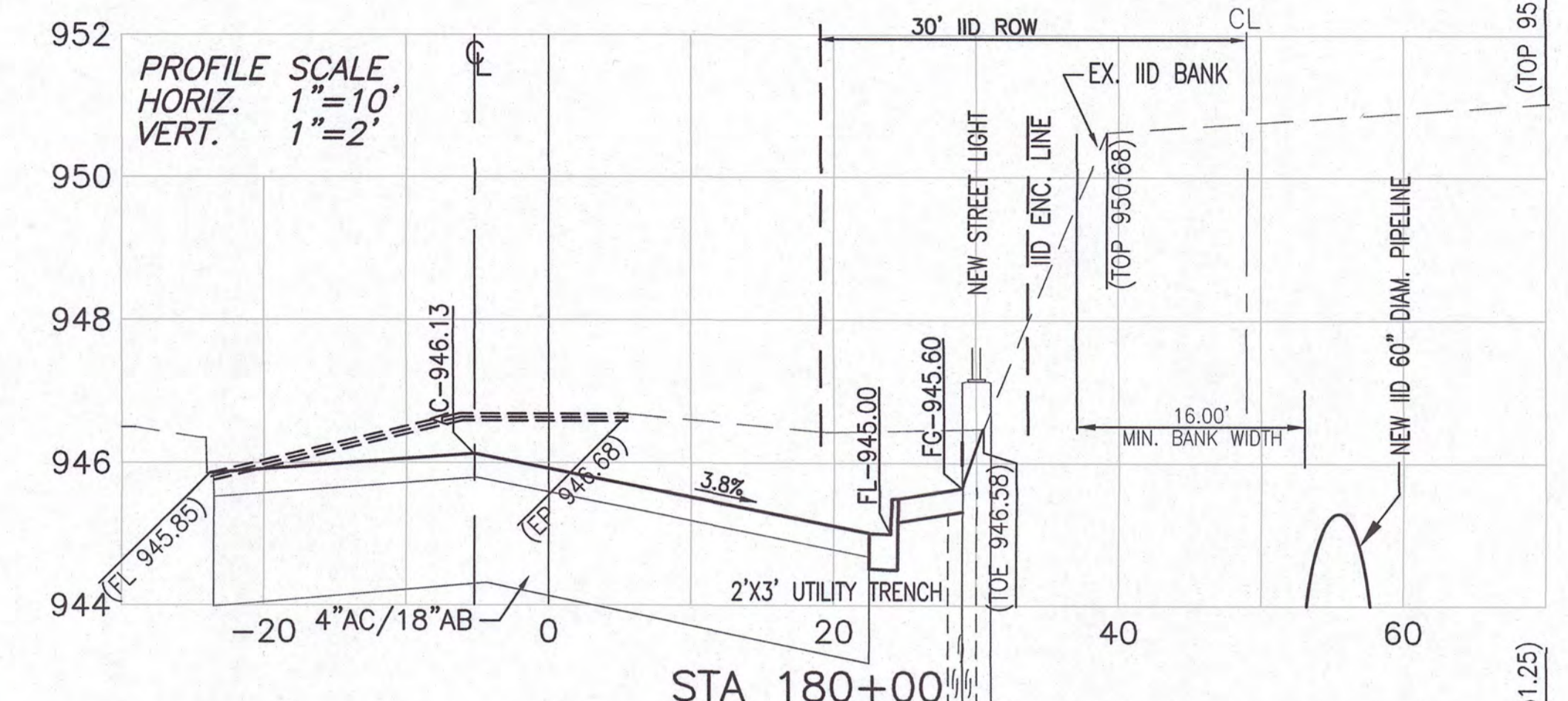
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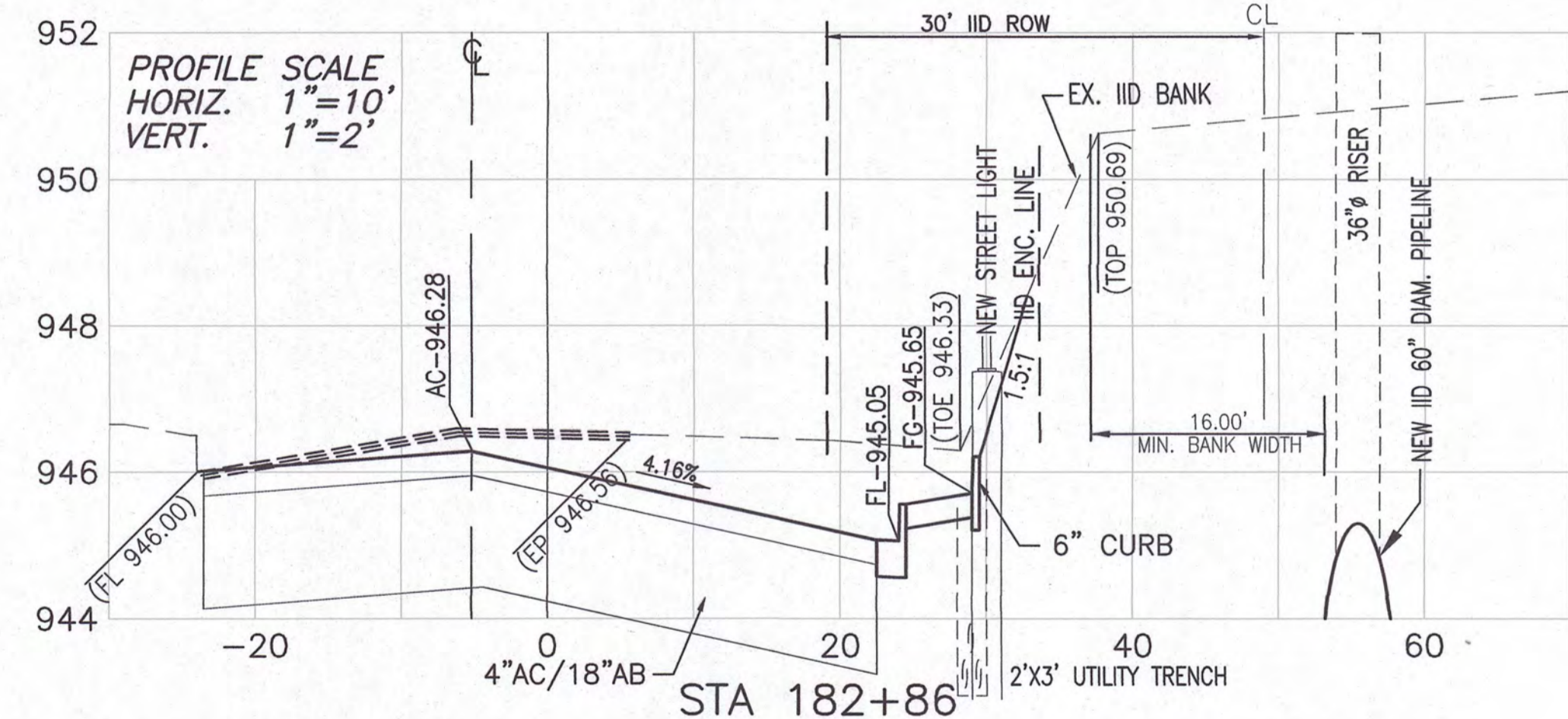
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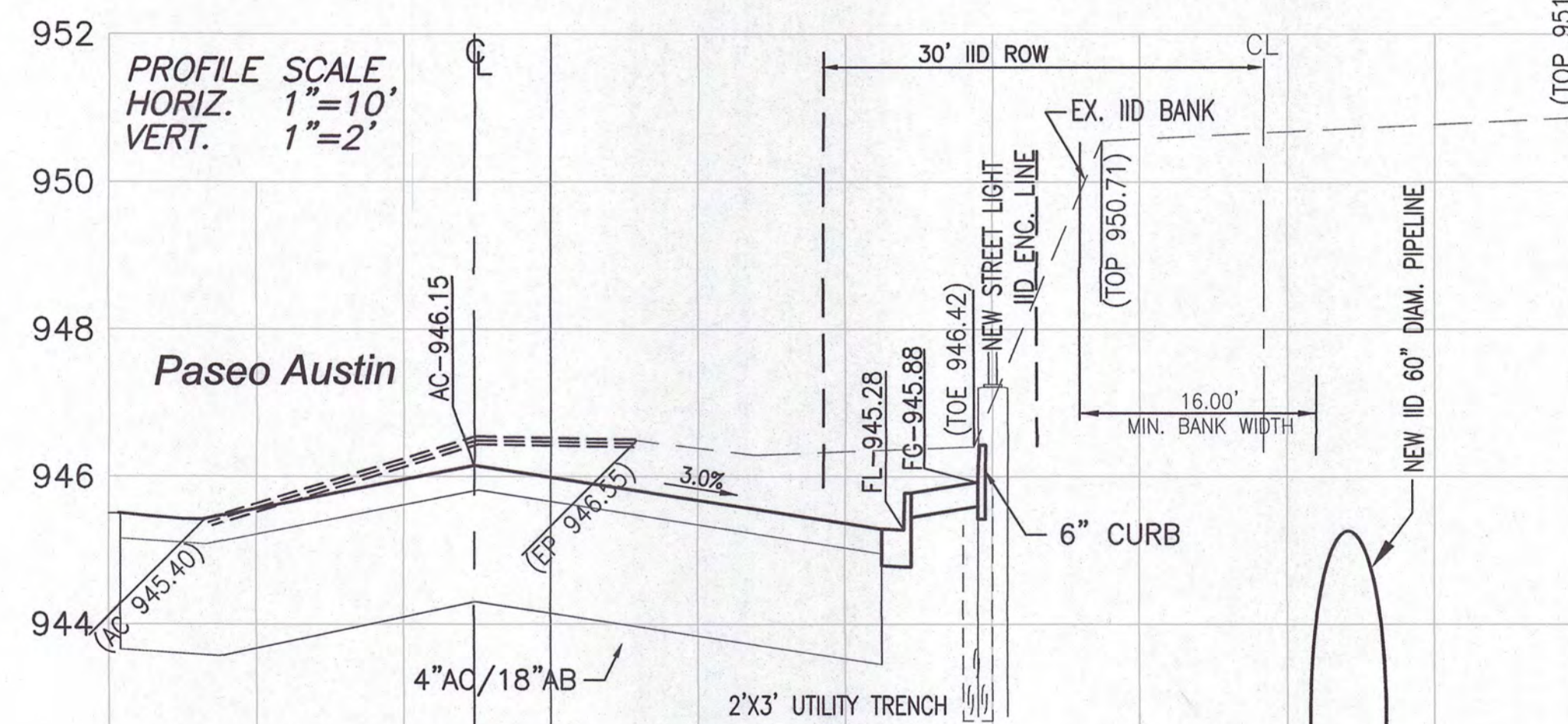
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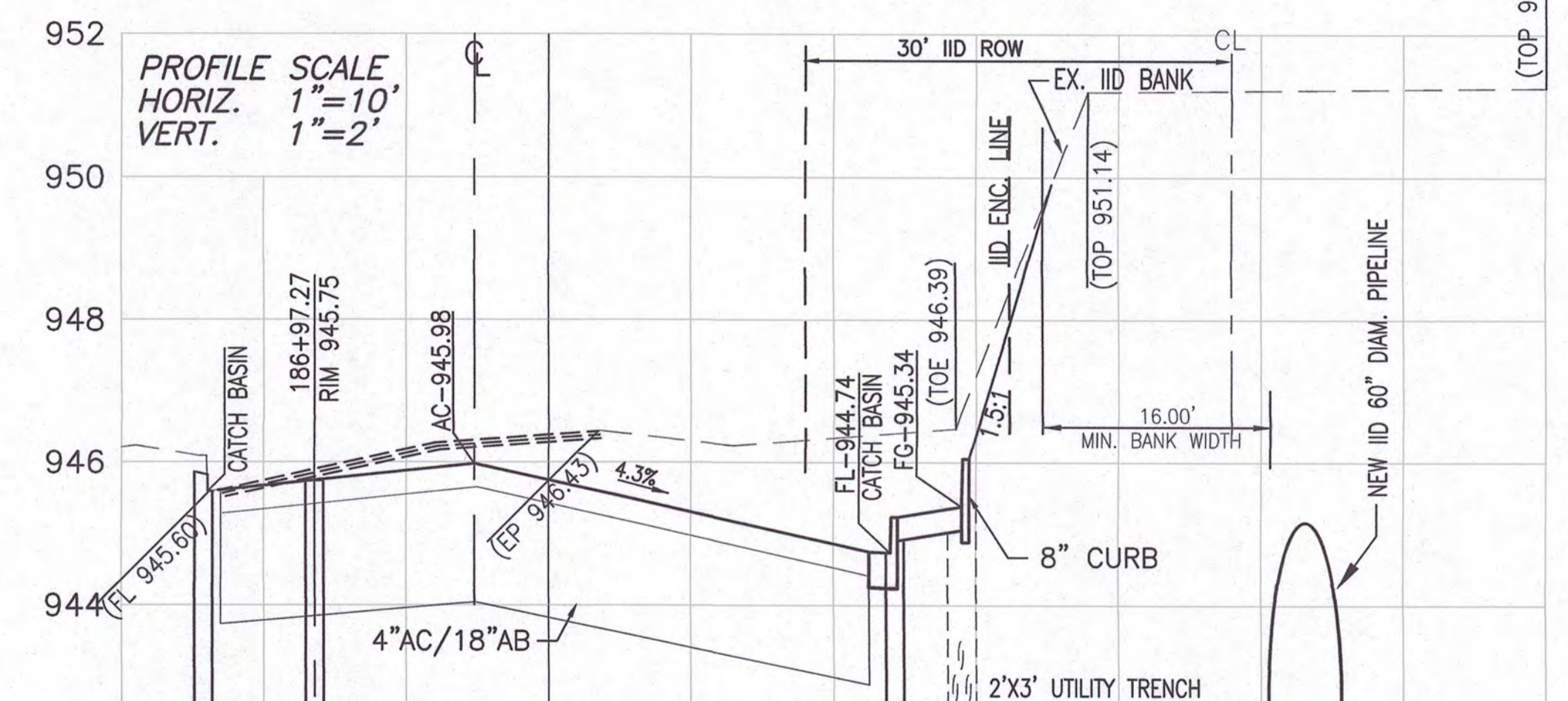
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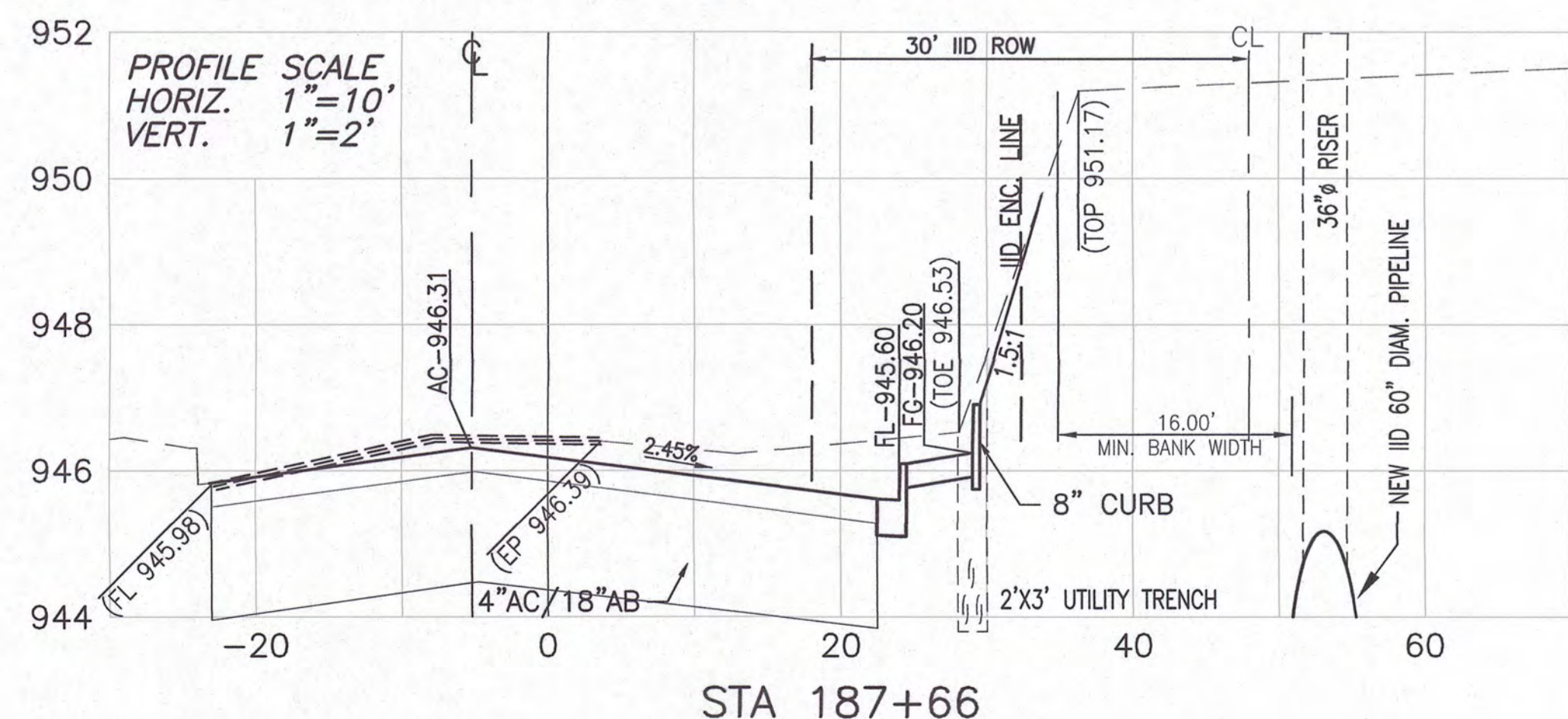
STA 182+86



STA 184+00



STA 187+00



STA 187+66

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CITY OF IMPERIAL
BY *Jip* DATE 02/01/2022

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SHEET
12 OF
12 SHEETS
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