

City of San Diego

CONTRACTOR'S NAME: _____
ADDRESS: _____
TELEPHONE NO.: _____ FAX NO.: _____
CITY CONTACT: Clementina Giordano, Contract Specialist, Email: Cgiordano@sandiego.gov
Phone No. (619) 533-3481, Fax No. (619) 533-3633
J.Xiao/AR/egz

CONTRACT DOCUMENTS



FOR

ASH STREET TRAFFIC SIGNAL MODIFICATION AT 2ND, 3RD, 7TH AND 9TH AVENUE

VOLUME 1 OF 2

BID NO.: _____ L-14-5815-DBB-2
SAP NO. (WBS/IO/CC): _____ B-10198
CLIENT DEPARTMENT: _____ 2116
COUNCIL DISTRICT: _____ 2
PROJECT TYPE: _____ IL

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- COMPETITION RESTRICTED TO: SLBE-ELBE or ELBE FIRMS ONLY.
- PREVAILING WAGE RATES: STATE FEDERAL

BID DUE DATE:

**1:30 PM
OCTOBER 22, 2013
CITY OF SAN DIEGO
PUBLIC WORKS CONTRACTING GROUP
1010 SECOND AVENUE, SUITE 1400, MS 614C
SAN DIEGO, CA 92101**

ENGINEER OF WORK

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

A. Palaseyed 9/13/13 Seal
For City Engineer Date



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CITY OF SAN DIEGO, CALIFORNIA

NOTICE INVITING BIDS

1. **LIMITED COMPETITION:** This contract may only be bid by the Contractors on the City's approved SLBE-ELBE Construction Contractors List. For information regarding the SLBE-ELBE Construction Program and registration visit the City's web site: <http://www.sandiego.gov>.
2. **RECEIPT AND OPENING OF BIDS:** Bids will be received at the Public Works Contracting Group at the location, time, and date shown on the cover of these specifications for performing work on **ASH STREET TRAFFIC SIGNAL MODIFICATION AT 2ND, 3RD, 7TH AND 9TH AVENUE** (Project).
3. **DESCRIPTION OF WORK:** The Work involves furnishing all labor, materials, equipment, services, and other incidental works and appurtenances for the construction of the Project as described below:

Modify traffic signals on Ash Street at 2nd, 3rd, 7th and 9th Avenue.

- 3.1. The Work shall be performed in accordance with:
 - 3.1.1. This Notice Inviting Bids and Plans numbered **29619-1-D** through **29619-5-D**, and **29619-T1-D** through **29619-T7-D** inclusive.
4. **EQUAL OPPORTUNITY**
 - 4.1. To The WHITEBOOK, Chapter 10, Sections D and E, DELETE in their entirety and SUBSTITUTE with the following:

D. CITY'S EQUAL OPPORTUNITY COMMITMENT.

1. Nondiscrimination in Contracting Ordinance.

1. The Contractor, Subcontractors and Suppliers shall comply with requirements of the City's Nondiscrimination in Contracting Ordinance, San Diego Municipal Code §§22.3501 through 22.3517.

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

The Contractor shall include the foregoing clause in all contracts between the Contractor and Subcontractors and Suppliers.

2. Disclosure of Discrimination Complaints. As part of its Bid or Proposal, the Bidder shall provide to the City a list of all instances

within the past 10 years where a complaint was filed or pending against Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

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

E. EQUAL EMPLOYMENT OPPORTUNITY OUTREACH PROGRAM.

1. The Contractor, Subcontractors and Suppliers shall comply with the City's Equal Employment Opportunity Outreach Program, San Diego Municipal Code §§22.2701 through 22.2707.

The Contractor shall not discriminate against any employee or applicant for employment on any basis prohibited by law. Contractor shall provide equal opportunity in all employment practices. Prime Contractor shall ensure their subcontractors comply with this program. Nothing in this section shall be interpreted to hold a prime contractor liable for any discriminatory practice of its subcontractors.

The Contractor shall include the foregoing clause in all contracts between the Contractor and Subcontractors and Suppliers.

2. If the Contract is competitively solicited, the selected Bidder shall submit a Work Force Report (Form BB05), within 10 Working Days after receipt by the Bidder of Contract forms to the City for approval as specified in the Notice of Intent to Award letter from the City.
3. If a Work Force Report is submitted, and the City determines there are under-representations when compared to County Labor Force Availability data, the selected Bidder shall submit an Equal Employment Opportunity Plan.
4. If the selected Bidder submits an Equal Employment Opportunity Plan, it shall include the following assurances:

1. The Contractor shall maintain a working environment free of discrimination, harassment, intimidation and coercion at all sites and in all facilities at which the Contractor's employees are assigned to work.
2. The Contractor reviews its EEO Policy, at least annually, with all on-site supervisors involved in employment decisions.
3. The Contractor disseminates and reviews its EEO Policy with all employees at least once a year, posts the policy statement and EEO posters on all company bulletin boards and job sites, and documents every dissemination, review and posting with a written record to identify the time, place, employees present, subject matter, and disposition of meetings.
4. The Contractor reviews, at least annually, all supervisors' adherence to and performance under the EEO Policy and maintains written documentation of these reviews.
5. The Contractor discusses its EEO Policy Statement with subcontractors with whom it anticipates doing business, includes the EEO Policy Statement in its subcontracts, and provides such documentation to the City upon request.
6. The Contractor documents and maintains a record of all bid solicitations and outreach efforts to and from subcontractors, contractor associations and other business associations.
7. The Contractor disseminates its EEO Policy externally through various media, including the media of people of color and women, in advertisements to recruit, maintains files documenting these efforts, and provides copies of these advertisements to the City upon request.
8. The Contractor disseminates its EEO Policy to union and community organizations.
9. The Contractor provides immediate written notification to the City when any union referral process has impeded the Contractor's efforts to maintain its EEO Policy.
10. The Contractor maintains a current list of recruitment sources, including those outreaching to people of color and women, and provides written notification of employment opportunities to these recruitment sources with a record of the organizations' responses.
11. The Contractor maintains a current file of names, addresses and phone numbers of each walk-in applicant, including people of color and women, and referrals from unions, recruitment sources, or community organizations with a description of the employment action taken.
12. The Contractor encourages all present employees, including people of color and women employees, to recruit others.

13. The Contractor maintains all employment selection process information with records of all tests and other selection criteria.
14. The Contractor develops and maintains documentation for on-the-job training opportunities, participates in training programs, or both for all of its employees, including people of color and women, and establishes apprenticeship, trainee, and upgrade programs relevant to the Contractor's employment needs.
15. The Contractor conducts, at least annually, an inventory and evaluation of all employees for promotional opportunities and encourages all employees to seek and prepare appropriately for such opportunities.
16. The Contractor ensures the company's working environment and activities are non-segregated except for providing separate or single-user toilets and necessary changing facilities to assure privacy between the sexes.

5. SUBCONTRACTING PARTICIPATION PERCENTAGES.

- 5.1. The City has incorporated voluntary subcontractor participation percentage to enhance competition and maximize subcontracting opportunities as follows.
- 5.2. The following voluntary subcontractor participation percentage for DBE, DVBE, WBE, MBE, SLBE, and ELBE certified Subcontractors shall apply to this contract:

Total voluntary subcontractor participation percentage for this project is 19.7%.

6. PRE-BID MEETING:

- 6.1. There will be a Pre-Bid Meeting to discuss the scope of the Project, bidding requirements, pre-qualification process, and Equal Opportunity Contracting Program requirements and reporting procedures in the Public Works Contracting Group, Conference Room at 1010 Second Avenue, Suite 1400, San Diego, CA 92101 **at 10:00 AM, on OCTOBER 2, 2013.**
- 6.2. All potential bidders are encouraged to attend.
- 6.3. To request a copy of the agenda on an alternative format, or to request a sign language or oral interpreter for this meeting, call the Public Works Contracting Group at (619) 533-3450 at least 5 Working Days prior to the Pre-Bid Meeting to ensure availability.

7. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:

- 7.1. **Prior** to the Award of the Contract or each Task Order, you and your Subcontractors and Suppliers **must** register with Prism®, the City's web-based contract compliance portal at:

<https://pro.prismcompliance.com/default.aspx>.

- 7.2. The City may not award the contract until registration of all subcontractors and suppliers is complete. In the event this requirement is not met within the time frame

specified in the Notice of Intent to Award letter, the City reserves the right to rescind the Notice of Award / Intent to Award and to make the award to the next responsive and responsible bidder / proposer.

8. CONSTRUCTION COST: The City’s estimated construction cost for this contract is \$307,000.00.

9. LOCATION OF WORK: The location of the Work is as follows:

Ash Street at Second Avenue, Third Avenue, Seventh Avenue and Ninth Avenue.

10. CONTRACT TIME: The Contract Time for completion of the Work shall be 90 Working Days.

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

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

Option	Classification(s)
1	CLASS A
2	CLASS C10

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

12. JOINT VENTURE CONTRACTORS: Provide a copy of the Joint Venture agreement and the Joint Venture license to the City within 10 Working Days after receiving the Contract forms. See 2-1.1.2, “Joint Venture Contractors” in The WHITEBOOK for details.

13. WAGE RATES: Prevailing wage rates apply to this contract.

13.1. STATE REQUIREMENTS FOR CONTRACTS SUBJECT TO STATE PREVAILING WAGE REQUIREMENTS.

13.1.1. In accordance with the provisions of California Labor Code Sections 1770, et seq. as amended, the Director of the Department of Industrial Relations has determined the general prevailing rate of per diem wages in accordance with the standards set forth in such Sections for the locality in which the Work is to be performed. Copies of the prevailing rate of per diem wages may be found at http://www.dir.ca.gov/dlsr/statistics_research.html. The Contractor shall post a copy of the above determination of the prevailing rate of per diem wages at each job site and shall make them available to any interested party on request.

13.1.2. Pursuant to Sections 1720 et seq., and 1770 et seq., of the California Labor Code the Contractor any Subcontractor shall pay not less than said specified

rates determined by the Director of the California Department of Industrial Relations to all workmen employed by them in the execution of the Work.

13.1.3. The wage rates determined by the Director of Industrial Relations and published in the Department of Transportation publication entitled, "General Prevailing Wage Rates", refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, said published rate of wage shall be in effect for the life of this contract. If the published wage rate refers to a predetermined wage rate to become effective upon expiration of the published wage rate and the predetermined wage rate is on file with the Department of Industrial Relations, such predetermined wage rate shall become effective on the date following the expiration date and shall apply to this contract in the same manner as if it had been published in said publication. If the predetermined wage rate refers to one or more additional expiration dates with additional predetermined wage rates, which expiration dates occur during the life of this contract, each successive predetermined wage rate shall apply to this contract on the date following the expiration date of the previous wage rate. If the last of such predetermined wage rates expires during the life of this contract, such wage rate shall apply to the balance of the contract.

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

14. INSURANCE REQUIREMENTS:

14.1. All certificates of insurance and endorsements required by the contract are to be provided upon issuance of the City's Notice of Intent to Award letter.

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

15. PREQUALIFICATION OF CONTRACTORS:

15.1. Contractors submitting Bid must be pre-qualified for the total amount proposed, inclusive of all alternate items prior to the date of submittal. Bids from contractors who have not been pre-qualified as applicable and Bids that exceed the maximum dollar amount at which contractors are pre-qualified will be deemed **non-responsive** and ineligible for award. Complete information and prequalification questionnaires are available at:

<http://www.sandiego.gov/cip/bidopps/prequalification.shtml>

15.2. The completed questionnaire, financial statement, and bond letter or a copy of the contractor's SLBE-ELBE certification and bond letter, must be submitted no later than 2 weeks prior to the bid opening to the Public Works Contracting Group, Prequalification Program, 1010 Second Avenue, Suite 1400, San Diego, CA 92101. For additional information or the answer to questions about the prequalification program, contact David Stucky at 619-533-3474 or dstucky@sandiego.gov.

16. **REFERENCE STANDARDS:** Except as otherwise noted or specified, the Work shall be completed in accordance with the following standards:

Title	Edition	Document Number
Standard Specifications for Public Works Construction (“The GREENBOOK”)	2012	PITS070112-01
City of San Diego Standard Specifications for Public Works Construction (“The WHITEBOOK”)*	2012	PITS070112-02
City of San Diego Standard Drawings*	2012	PITS070112-03
Caltrans Standard Specifications	2010	PITS070112-04
Caltrans Standard Plans	2010	PITS070112-05
California MUTCD	2012	PITS070112-06
City Standard Drawings - Updates Approved For Use (when specified)*	Varies	Varies
Standard Federal Equal Employment Opportunity Construction Contract Specifications and the Equal Opportunity Clause Dated 09-11-84	1984	769023
NOTE: Available online under Engineering Documents and References at: http://www.sandiego.gov/publicworks/edocref/index.shtml		

17. **CITY'S RESPONSES AND ADDENDA:** The City at its option, may respond to any or all questions submitted in writing, via letter, or FAX in the form of an addendum. No oral comment shall be of any force or effect with respect to this solicitation. The changes to the Contract Documents through addendum are made effective as though originally issued with the Bid. The Bidders shall acknowledge the receipt of Addenda on the form provided for this purpose in the Bid.
18. **CITY'S RIGHTS RESERVED:** The City reserves the right to cancel the Notice Inviting Bids at any time, and further reserves the right to reject submitted Bids, without giving any reason for such action, at its sole discretion and without liability. Costs incurred by the Bidder(s) as a result of preparing Bids under the Notice Inviting Bids shall be the sole responsibility of each bidder. The Notice Inviting Bids creates or imposes no obligation upon the City to enter a contract.
19. **CONTRACT PRICING FORMAT:** This solicitation is for a Lump Sum contract with Unit Price provisions as set forth in the Bid Proposal Form(s), Volume 2.
20. **SUBMITTAL OF “OR EQUAL” ITEMS:** See Section 4-1.6, “Trade Names or Equals” in The WHITEBOOK and as amended in the SSP.
21. **AWARD PROCESS:**
- 21.1. The Award of this contract is contingent upon the Contractor’s compliance with all conditions precedent to Award.
- 21.2. Upon acceptance of a Bid, the City will prepare contract documents for execution within approximately 21 days of the date of the Bid opening and award the Contract

approximately within 7 days of receipt of properly executed Contract, bonds, and insurance documents.

- 21.3.** This contract will be deemed executed, and effective, only upon the signing of the Contract by the Mayor or designee of the City.
- 22. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" in The WHITEBOOK and as amended in the SSP which requires the Contractor to self perform the amount therein stipulated. Failure to comply with these requirements may render the Bid **non-responsive** and ineligible for award.
- 23. AVAILABILITY OF PLANS AND SPECIFICATIONS:** Contract Documents may be obtained by visiting the City's website: <http://www.sandiego.gov/cip/>. Plans and Specifications for this contract are also available for review in the office of the City Clerk or Public Works Contracting Group.
- 24. QUESTIONS:**
- 24.1.** The Director (or designee), of the Public Works Department is the officer responsible for opening, examining, and evaluating the competitive Bids submitted to the City for the acquisition, construction and completion of any public improvement except when otherwise set forth in these documents. All questions related to this procurement action shall be addressed to the Public Works Contracting Group, Attention Contract Specialist, 1010 Second Avenue, Suite 1400, San Diego, California, 92101, and Telephone No. (619) 533-3450.
- 24.2.** Questions received less than 14 days prior to the date for opening of Bids may not be answered.
- 24.3.** Interpretations or clarifications considered necessary by the City in response to such questions will be issued by Addenda which will be uploaded to the City's online bidding service.
- 24.4.** Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. It is the Bidder's responsibility to become informed of any Addenda that have been issued and to include all such information in its Bid.
- 25. ELIGIBLE BIDDERS:** No person, firm, or corporation shall be allowed to make, file, or be interested in **more** than one (1) Bid for the same work unless alternate Bids are called for. A person, firm or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders or from submitting a Bid in its own behalf. Any Bidder who submits more than one bid will result in the rejection of all bids submitted.
- 26. SAN DIEGO BUSINESS TAX CERTIFICATE:** The Contractor and Subcontractors, not already having a City of San Diego Business Tax Certificate for the work contemplated shall secure the appropriate certificate from the City Treasurer, Civic Center Plaza, first floor and submit to the Contract Specialist upon request or as specified in the Contract Documents. Tax Identification numbers for both the Bidder and the listed Subcontractors must be submitted on the City provided forms with the Notice Inviting Bids and Contract forms.

27. PROPOSAL FORMS: Bid shall be made only upon the Bidding Documents i.e., Proposal form attached to and forming a part of the specifications. The signature of each person signing shall be in longhand.

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

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

27.3. Bids and certain other forms and documents as specified in the Volume 2 of 2 of the Contract Documents shall be enclosed in a sealed envelope and shall bear the title of the work and name of the Bidder and the appropriate State Contractors License designation which the Bidder holds.

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

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

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

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

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

29. AWARD OF CONTRACT OR REJECTION OF BIDS:

29.1. This contract may be awarded to the lowest responsible and reliable Bidder.

29.2. Bidders shall complete the entire Bid schedule (also referred to as "schedule of prices" or Proposal form). Incomplete price schedules will be rejected as being non-responsive.

- 29.3. The City reserves the right to reject any or all Bids, and to waive any informality or technicality in Bids received and any requirements of these specifications as to bidding procedure.
- 29.4. Bidders will not be released on account of their errors of judgment. Bidders may be released only upon receipt by the City from the Bidder within 3 Working Days, excluding Saturdays, Sundays, and state holidays, after the opening of Bids, of written notice which includes proof of honest, credible, clerical error of material nature, free from fraud or fraudulent intent, and of evidence that reasonable care was observed in the preparation of the Bid.
- 29.5. A non-selected Bidder may protest award of the Contract to the selected Bidder by submitting a written "Notice of Intent to Protest" including supporting documentation which shall be received by Public Works Contracting Group no later than 10 days after the City's announcement of the selected Bidder or no later than 10 days from the date that the City issues notice of designation of a Bidder as non-responsible in accordance with San Diego Municipal Code Chapter 2, § 22.3029, "Protests of Contract Award."
- 29.6. The City of San Diego will not discriminate with regard to race, religious creed, color, national origin, ancestry, physical handicap, marital status, sex or age, in the award of contracts.
- 29.7. Each Bid package properly executed as required by these specifications shall constitute a firm offer, which may be accepted by the City within the time specified in the Proposal.
- 29.8. The City reserves the right to evaluate all Bids and determine the lowest Bidder on the basis of any proposed alternates, additive items or options, at its discretion that will be disclosed in the Volume 2 of 2.

30. BID RESULTS:

- 30.1. The Bid opening by the City shall constitute the public announcement of the Apparent Low Bidder. In the event that the Apparent Low Bidder is subsequently deemed non-responsive or non-responsible, a public announcement will be posted in the City's web page: <http://www.sandiego.gov/cip/index.shtml>, with the name of the newly designated Apparent Low Bidder.
- 30.2. To obtain Bid results, either attend Bid opening, review the results on the City's web site, or provide a self-addressed, stamped envelope, referencing Bid number, and Bid tabulation will be mailed to you upon verification of extensions. Bid results cannot be given over the telephone.

31. THE CONTRACT:

- 31.1. The Bidder to whom award is made shall execute a written contract with the City of San Diego and furnish good and approved bonds and insurance certificates specified by the City within 14 days after receipt by Bidder of a form of contract for execution unless an extension of time is granted to the Bidder in writing.
- 31.2. If the Bidder takes longer than 14 days to fulfill these requirements, then the additional time taken shall be added to the Bid guarantee. The Contract shall be

made in the form adopted by the City, which includes the provision that no claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.

- 31.3.** If the Bidder to whom the award is made fails to enter into the contract as herein provided, the award may be annulled and the Bidder's Guarantee of Good Faith will be subject to forfeiture. An award may be made to the next lowest responsible and reliable Bidder who shall fulfill every stipulation embraced herein as if it were the party to whom the first award was made.
- 31.4.** Pursuant to the San Diego City Charter section 94, the City may only award a public works contract to the lowest responsible and reliable Bidder. The City will require the Apparent Low Bidder to (i) submit information to determine the Bidder's responsibility and reliability, (ii) execute the Contract in form provided by the City, and (iii) furnish good and approved bonds and insurance certificates specified by the City within 14 Days, unless otherwise approved by the City, in writing after the Bidder receives notification from the City, designating the Bidder as the Apparent Low Bidder and formally requesting the above mentioned items.
- 31.5.** The award of the Contract is contingent upon the satisfactory completion of the above mentioned items and becomes effective upon the signing of the Contract by the Mayor or designee. If the Apparent Low Bidder does not execute the Contract or submit required documents and information, the City may award the Contract to the next lowest responsible and reliable Bidder who shall fulfill every condition precedent to award. A corporation designated as the Apparent Low Bidder shall furnish evidence of its corporate existence and evidence that the officer signing the Contract and bond for the corporation is duly authorized to do so.
- 32. EXAMINATION OF PLANS, SPECIFICATIONS, AND SITE OF WORK:** The Bidder shall examine carefully the Project Site, the Plans and Specifications, other materials as described in the Special Provisions, Section 2-7, and the proposal forms (e.g., Bidding Documents). The submission of a Bid shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work, the quantities of materials to be furnished, and as to the requirements of the Bidding Documents Proposal, Plans, and Specifications.
- 33. CITY STANDARD PROVISIONS.** This contract is subject to the following standard provisions. See The WHITEBOOK for details.

 - 33.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
 - 33.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
 - 33.3.** The City of San Diego Municipal Code §22.3004 for Pledge of Compliance.
 - 33.4.** The City of San Diego's Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.

- 33.5. Sections 1777.5, 1777.6, and 1777.7 of the State of California Labor Code concerning the employment of apprentices by contractors and subcontractors performing public works contracts.
- 33.6. The City’s Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
- 33.7. The City’s Information Security Policy (ISP) as defined in the City’s Administrative Regulation 90.63.

34. PRE-AWARD ACTIVITIES:

- 34.1. The selected contractor by the City to execute a contract for this Work shall provide the information required within the time specified in “Required Documents,” of this bid package. Failure to provide the information within the time specified may result in the Bid being rejected as **non-responsive**.
- 34.2. If the Bid is rejected as non-responsive, the selected contractor by the City to execute a contract for this Work shall forfeit the required Bid. The decision that the selected contractor by the City to execute a contract for this Work is non-responsive for failure to provide the information required within the time specified shall be at the sole discretion of the City.

35. REQUIRED DOCUMENT SCHEDULE:

- 35.1. The Bidder’s attention is directed to the City’s Municipal Code §22.0807(e), (3)-(5) for important information regarding grounds for debarment for failure to submit required documentation.
- 35.2. The specified Equal Opportunity Contracting Program (EOCP) forms are available for download from the City’s web site at:

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

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
1.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid
2.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Bid Bond
3.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Non-collusion Affidavit to be Executed By Bidder and Submitted with Bid under 23 USC 112 and PCC 7106
4.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Contractors Certification of Pending Actions
5.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Equal Benefits Ordinance Certification of Compliance
6.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA35 - List of Subcontractors

ITEM	WHEN DUE	FROM	DOCUMENT TO BE SUBMITTED
7.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA40 - Named Equipment/Material Supplier List
8.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Names of the principal individual owners of the Apparent Low Bidder
9.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	If the Contractor is a Joint Venture: <ul style="list-style-type: none"> • Joint Venture Agreement • Joint Venture License
10.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Form BB05 - Work Force Report
11.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Agreement
12.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Payment and Performance Bond
13.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Certificates of Insurance and Endorsements
14.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - Drug-Free Workplace
15.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - American with Disabilities Act
16.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractors Standards - Pledge of Compliance

CONTRACT FORMS
AGREEMENT

COMPANY LETTERHEAD
CERTIFICATE OF COMPLIANCE

Materials and Workmanship Compliance

For Contract or Task _____

I certify that the material listed below complies with the materials and workmanship requirements of the Caltrans Contract Plans, Special Provisions, Standard Specifications, and Standard Plans for the contract listed above.

I also certify that I am an official representative for _____, the manufacturer of the material listed above. Furthermore, I certify that where California test methods, physical or chemical test requirements are part of the specifications, that the manufacturer has performed the necessary quality control to substantiate this certification.

Material Description:

Manufacturer: _____
Model: _____
Serial Number (if applicable) _____
Quantity to be supplied: _____
Remarks: _____

Signed by: _____

Printed Name: _____

Title: _____

Company: _____

Date: _____

**City of San Diego
Engineering and Capital Projects, Field Division**

NOTICE OF MATERIALS TO BE USED

To: _____
Resident Engineer

Date: _____, 20__

You are hereby notified that the materials required for use under Contract No. _____
for construction of _____,
_____ ,
in the City of San Diego, will be obtained from sources herein designated.

CONTRACT ITEM NO. (Bid Item)	KIND OF MATERIAL (Category)	NAME AND ADDRESS WHERE MATERIAL CAN BE INSPECTED (At Source)

It is requested that you arrange for a sampling, testing, and inspection of the materials prior to delivery, in accordance with Section 4-1.11 of the WHITEBOOK, where it is practicable, and in accordance with your policy. It is understood that source inspection does not relieve the Contractor of full responsibility for incorporating in the work, materials that comply in all respects with the contract plans and specifications, nor does it preclude subsequent rejection of materials found to be undesirable or unsuitable.

Distribution:

Supplier

Yours truly,

Signature of Supplier

Address

Phone Number: _____

SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

CONTRACT FORMS AGREEMENT

CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, a municipal corporation, herein called "City", and T&M Electric, Inc. DBA Perry Electric, herein called "Contractor" for construction of Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue; Bid No. L-14-5815-DBB-2; in the amount of Three Hundred Forty-Seven Thousand Seven Hundred Twenty-Four Dollars and .75/100 (\$347,724.75), which is comprised of the Base Bid Only.

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

1. The following are incorporated into this contract as though fully set forth herein:
 - (a) The attached Faithful Performance and Payment Bonds.
 - (b) The attached Proposal included in the Bid documents by the Contractor.
 - (c) Reference Standards listed in the Notice Inviting Bids and the Supplementary Special Provisions (SSP).
 - (d) That certain documents entitled Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue, on file in the office of the Public Works Department as Document No. B-10198, as well as all matters referenced therein.
2. The Contractor shall perform and be bound by all the terms and conditions of this contract and in strict conformity therewith shall perform and complete in a good and workmanlike manner Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue Bid Number L-14-5815-DBB-2, San Diego, California.
3. For such performances, the City shall pay to Contractor the amounts set forth at the times and in the manner and with such additions or deductions as are provided for in this contract, and the Contractor shall accept such payment in full satisfaction of all claims incident to such performances.
4. No claim or suit whatsoever shall be made or brought by Contractor against any officer, agent, or employee of the City for or on account of anything done or omitted to be done in connection with this contract, nor shall any such officer, agent, or employee be liable hereunder.
5. This contract is effective as of the date that the Mayor or designee signs the agreement.

CONTRACT FORMS (continued)

AGREEMENT

IN WITNESS WHEREOF, this Agreement is signed by the City of San Diego, acting by and through its Mayor or designee, pursuant to Municipal Code 22.3107 authorizing such execution.

THE CITY OF SAN DIEGO

APPROVED AS TO FORM AND LEGALITY

By: 

Jan I. Goldsmith, City Attorney

By: 

Print Name: Stephen Samara
Senior Contract Specialist, Public Works
Contracting Group

Print Name: Ryan Kohut
Deputy City Attorney

Date: 1-9-2014

Date: 1/10/2014

CONTRACTOR

By: 

Print Name: Todd Perry

Title: President

Date: 11/13/13

City of San Diego License No.: B1998011872

State Contractor's License No.: 747931

Premium Is For Contract Term
And Is Subject To Adjustment
Based On Final Contract Price

EXECUTED IN TRIPPLICATE
BOND NO. 5170340
PREMIUM: \$5,216.00

**CONTRACT ATTACHMENT
PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND**

FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

T&M Electric, Inc. DBA Perry Electric, a corporation, as principal, and SURETEC INSURANCE COMPANY, a corporation authorized to do business in the State of California, as Surety, hereby obligate themselves, their successors and assigns, jointly and severally, to The City of San Diego a municipal corporation in the sum of Three Hundred Forty-Seven Thousand Seven Hundred Twenty-Four Dollars and .75/100 (\$347,724.75) for the faithful performance of the annexed contract, and in the sum of Three Hundred Forty-Seven Thousand Seven Hundred Twenty-Four Dollars and .75/100 (\$347,724.75) for the benefit of laborers and materialmen designated below.

Conditions:

If the Principal shall faithfully perform the annexed contract Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue, Bid Number L-14-5815-DBB-2, San Diego, California then the obligation herein with respect to a faithful performance shall be void; otherwise it shall remain in full force.

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

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

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

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

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

Dated NOVEMBER 7, 2013

Approved as to Form and Legality

T & M ELECTRIC, INC. DBA: PERRY ELECTRIC

Principal

By 

TODD PERRY, PRESIDENT

Printed Name of Person Signing for Principal

Jan I. Goldsmith, City Attorney

By 

Deputy City Attorney

SURETEC INSURANCE COMPANY

Surety

By 

MARK D. IATAROLA, Attorney-in-fact

Approved:

By 

Stephen Samara,
Senior Contract Specialist, Public Works
Contracting Group

3033 FIFTH AVENUE, SUITE 300

Local Address of Surety

SAN DIEGO, CA 92103

Local Address (City, State) of Surety

619/400-4100

Local Telephone No. of Surety

Premium \$ 5,216.00

**Premium Is For Contract Term
And Is Subject To Adjustment
Based On Final Contract Price**

Bond No. 5170340

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

STATE OF CALIFORNIA

County of SAN DIEGO }

On 11/07/2013 before me, GLENDA J. GARDNER, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

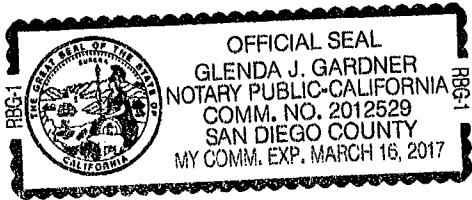
personally appeared MARK D. IATAROLA
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity~~(ies)~~, and that by his/~~her~~/their signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.

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

Witness my hand and official seal.

Signature Glenda J. Gardner
Signature of Notary Public



Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

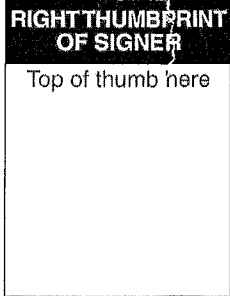
Document Date: 11/07/2013 Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: MARK D. IATAROLA

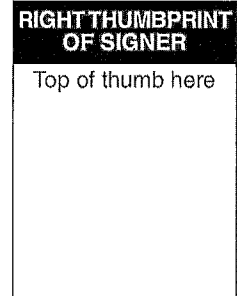
- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing:

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing:

ACKNOWLEDGMENT

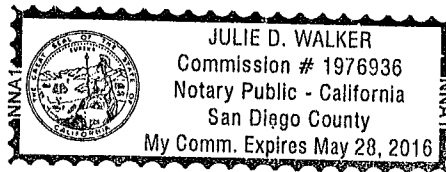
State of California
County of San Diego

On November 14, 2013 before me, **Julie D. Walker, Notary Public**, personally appeared Todd Perry who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signatures(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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

WITNESS my hand and official seal.

Julie D. Walker
Signature



OPTIONAL INFORMATION

Description of Attached Document

Title or Type of Document: FAITHFUL PERFORMANCE BOND AND LABOR AND
MATERILAMEN'S BOND / ASH STREET TRAFFIC SIGNAL MODIFICATION

Document Date: November 7, 2013 Number of Pages: _____

Signer(s) Other Than Named Above: Mark d. Iatarola

Capacity(ies) Claimed by Signer

- Individual
- President / Vice President / Secretary / Treasurer
- Attorney in Fact
- Trustee
- Other: _____

Signer is Representing: T&M Electric Inc. dba Perry Electric

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Michelle M. Basuil, Glenda J. Gardner, Helen Maloney, Mark D. Iatarola, John G. Maloney

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Five Million and 00/100 Dollars (\$5,000,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment shall continue in force until 10/31/2015 and is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

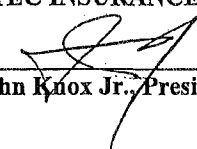
Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 21st day of March, A.D. 2013.

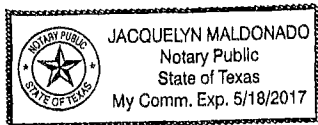
SURETEC INSURANCE COMPANY


By: 
John Knox Jr., President

State of Texas ss:
County of Harris



On this 21st day of March, A.D. 2013 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.




Jacquelyn Maldonado, Notary Public
My commission expires May 18, 2017

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 7TH day of NOVEMBER 2013, A.D.


M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

CONTRACTOR CERTIFICATION

DRUG-FREE WORKPLACE

PROJECT TITLE: Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue

I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-17 regarding Drug-Free Workplace as outlined in the WHITEBOOK, Section 7-13.3, "Drug-Free Workplace", of the project specifications, and that;

T&M Electric, Inc. DBA Perry Electric
(Name under which business is conducted)

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

Signed



Printed Name

Todd Perry

Title

President

CONTRACTOR CERTIFICATION

AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

PROJECT TITLE: Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue

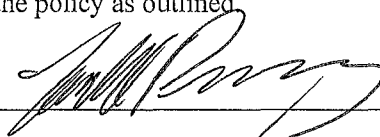
I hereby certify that I am familiar with the requirements of San Diego City Council Policy No. 100-4 regarding the American With Disabilities Act (ADA) outlined in the WHITEBOOK, Section 7-13.2, "American With Disabilities Act", of the project specifications, and that;

T & M Electric, Inc. DBA Perry Electric

(Name under which business is conducted)

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

Signed



Printed Name

Todd Perry

Title

President

CONTRACTOR CERTIFICATION

CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

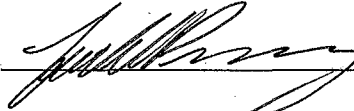
PROJECT TITLE: Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue

I declare under penalty of perjury that I am authorized to make this certification on behalf of T&M Electric, Inc. DBA Perry Electric, as Contractor, that I am familiar with the requirements of City of San Diego Municipal Code § 22.3224 regarding Contractor Standards as outlined in the WHITEBOOK, Section 7-13.4, ("Contractor Standards"), of the project specifications, and that Contractor has complied with those requirements.

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

Dated this 14th Day of November, 2013.

Signed



Printed Name

Todd Perry

Title

President

AFFIDAVIT OF DISPOSAL

WHEREAS, on the 14th DAY OF November, 2013, the undersigned entered into and executed a contract with the City of San Diego, a municipal corporation, for:

Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue

(Name of Project)

as particularly described in said contract and identified as Bid No. L-14-5815-DBB-2; SAP No. (WBS/IO/CC) B-10198; and WHEREAS, the specification of said contract requires the Contractor to affirm that "all brush, trash, debris, and surplus materials resulting from this project have been disposed of in a legal manner"; and WHEREAS, said contract has been completed and all surplus materials disposed of:

Lakeside Land Company

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

Perry Electric

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

Dated this 14th DAY OF November, 2013.

by Todd Perry Contractor

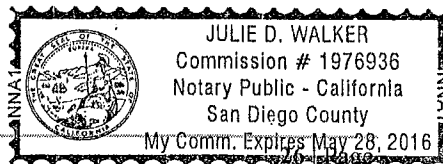
ATTEST:

State of California
County of San Diego

On this 14 DAY OF November, 2013, before the undersigned, a Notary Public in and for said County and State, duly commissioned and sworn, personally appeared Todd Perry known to me to be the Contractor named in the foregoing Release, and whose name is subscribed thereto, and acknowledged to me that said Contractor executed the said Release.

Notary Public in and for said County and State

Julie D. Walker



SUPPLEMENTARY SPECIAL PROVISIONS

The following Supplementary Special Provisions (SSP) modifies the following documents:

- 1) Standard Specifications for Public Works Construction (The GREENBOOK) currently in effect.
 - 2) The City of San Diego Standard Specifications for Public Works Construction (The WHITEBOOK).
-

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

1-2 TERMS AND DEFINITIONS.

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

The Normal Working Hours are 8:30 AM to 3:30 PM.

SECTION 2 - SCOPE AND CONTROL OF WORK

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

1. You must perform, with your own organization, Contract work amounting to at least 50% of the base bid alone or base bid and any additive or deductive alternate(s) that together when added or deducted form the basis of award.
2. The self performance percentage requirement will be waived for contracts when a “B” License is required or allowed.

SECTION 4 - CONTROL OF MATERIALS

4-1.6 Trade Names or Equals. ADD the following:

You must submit your list of proposed substitutions for “an equal” (“or equal”) item(s) **no less than 15 Working Days prior to Bid due date** and on a City form when provided by the City.

SECTION 6 - PROSECUTION, PROGRESS AND ACCEPTANCE OF WORK

6-2.1 Moratoriums. To the City Supplement, ADD the following:

Do not work in the areas where there is currently a moratorium issued by the City. The areas subject to moratorium are listed here:

- a) Ash Street from 2nd Avenue to 9th Avenue from Thanksgiving Day to New Year’s Day (inclusive).

SECTION 7 - RESPONSIBILITIES OF THE CONTRACTOR

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

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

7-3.1 **Policies and Procedures.**

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

7-3.2 **Types of Insurance.**

7-3.2.1 **Commercial General Liability Insurance.**

1. Commercial General Liability Insurance must be written on the current version of the ISO Occurrence form CG 00 01 07 98 or an equivalent form providing coverage at least as broad.
2. The policy must cover liability arising from premises and operations, XCU (explosions, underground, and collapse), independent contractors, products/completed operations, personal injury and advertising injury, bodily injury, property damage, and liability assumed under an insured's contract (including the tort liability of another assumed in a business contract).
3. There must be no endorsement or modification limiting the scope of coverage for either "insured vs. insured" claims or contractual liability. You must maintain the same or equivalent insurance for at least 10 years following completion of the Work.

4. All costs of defense must be outside the policy limits. Policy coverage must be in liability limits of not less than the following:

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

7-3.2.2 Commercial Automobile Liability Insurance.

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

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

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

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

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

7-3.5 Policy Endorsements.

7-3.5.1 Commercial General Liability Insurance.

7-3.5.1.1 Additional Insured.

- a) You must provide at your expense policy endorsement written on the current version of the ISO Occurrence form CG 20 10 11 85 or an equivalent form providing coverage at least as broad.
- b) To the fullest extent allowed by law e.g., California Insurance Code §11580.04, the policy must be endorsed to include the City and its respective elected officials, officers, employees, agents, and representatives as additional insured.

- c) The additional insured coverage for projects for which the Engineer's Estimate is \$1,000,000 or more must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, (c) your work, e.g., your completed operations performed by you or on your behalf, or (d) premises owned, leased, controlled, or used by you.
- d) The additional insured coverage for projects for which the Engineer's Estimate is less than \$1,000,000 must include liability arising out of: (a) Ongoing operations performed by you or on your behalf, (b) your products, or (c) premises owned, leased, controlled, or used by you.

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

7-3.5.1.3 Project General Aggregate Limit. The policy or policies must be endorsed to provide a Designated Construction Project General Aggregate Limit that will apply only to the Work. Only claims payments which arise from the Work must reduce the Designated Construction Project General Aggregate Limit. The Designated Construction Project General Aggregate Limit must be in addition to the aggregate limit provided for the products-completed operations hazard.

7-3.5.2 Commercial Automobile Liability Insurance.

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

7-3.6 Deductibles and Self-Insured Retentions. You must pay for all deductibles and self-insured retentions. You must disclose deductibles and self-insured retentions to the City at the time the evidence of insurance is provided.

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

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

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

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

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

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

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

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

7-4.1.1 Waiver of Subrogation. The policy or policies must be endorsed to provide that the insurer will waive all rights of subrogation against the City, and its respective elected officials, officers, employees, agents, and representatives for losses paid under the terms of the policy or policies and which arise from work performed by the Named Insured for the City.

7-5 PERMITS, FEES, AND NOTICES. To the City Supplement, ADD the following:

The City will obtain, at no cost to the Contractor; the following permits:

1. Caltrans Encroachment Permit

7-10.5.3 Steel Plate Covers. Table 7-10.5.3(A), REVISE the plate thickness for 5'-3" trench width to read 1 3/4".

7-15 INDEMNIFICATION AND HOLD HARMLESS AGREEMENT. To the City Supplement, fourth paragraph, last sentence, DELETE in its entirety and SUBSTITUTE with the following:

Your duty to indemnify and hold harmless does not include any claims or liability arising from the established active or sole negligence, or willful misconduct of the City, its officers, or employees.

SECTION 8 - FACILITIES FOR AGENCY PERSONNEL

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

SECTION 9 - MEASUREMENT AND PAYMENT

9-3.2.5 **Withholding of Payment.** To the City Supplement, item i), DELETE in its entirety and SUBSTITUTE with the following:

- i) Your failure to comply with 7-2.3, "PAYROLL RECORDS" and 2-16, "CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM."

ADD:

9-3.7 **Compensation Adjustments for Price Index Fluctuations.** This Contract is not subject to the provisions of The WHITEBOOK for Compensation Adjustments for Price Index Fluctuations for the paving asphalt.

SECTION 209 – STREET LIGHTING AND TRAFFIC SIGNAL MATERIALS

209-2.21 **(86-2.16A) Painting.** ADD the following;

All poles, mast arms, and appurtenances shall be painted CCDC dark blue. Contractor shall provide a paint chip for approval prior to material release.

209-6.4 **Induction Cobra Head Luminaire.** To the City Supplement, CORRECT certain section numbering as follows:

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
209-6.4.7	Luminaire Identification	209-6.4.8
209-6.4.8	Photometric Documentation	209-6.4.9
209-6.4.9	Quality Assurance	209-6.4.10

SECTION 300 – EARTHWORK

300-1.4 **Payment.** To the City Supplement, paragraph (2), DELETE in its entirety and SUBSTITUTE with the following:

- 2. Payment for existing pavement removal and disposal of up to 12" thick, within the excavation e.g., trench limits, shall be included in the Bid item for installation of the mains or the Work item that requires pavement removal.

SECTION 707 – RESOURCE DISCOVERIES

ADD:

707-1.1 Environmental Document. The City of San Diego Environmental Analysis Section (EAS) of the Development Services Department has prepared a **Notice of Exemption** for **Ash St Signal Modification; WBS #B-10198.02.06** as referenced in the Contract Appendix. You must comply with all requirements of the **Notice of Exemption** as set forth in the Contract Appendix.

Compliance with the City’s environmental document is included in the various Bid items, unless a bid item has been provided.

END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)

SUPPLEMENTARY SPECIAL PROVISIONS

APPENDICES

APPENDIX A

Notice of Exemption

NOTICE OF EXEMPTION

(Check one or both)

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

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

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

PROJECT TITLE: Ash St. Signal Modifications; WBS #B-10198.02.06

PROJECT LOCATION-SPECIFIC: Ash St. at 2nd, 3rd, 7th, 9th Aves. within the Downtown Community Planning Area.

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

DESCRIPTION OF NATURE AND PURPOSE OF THE PROJECT: The project will modify traffic signals at Ash Street and Second Avenue, Ash Street and Third Avenue, Ash Street and 7th Avenue and Ash Street and 9th Avenue. The work will include, but not be limited to trenching (18") and installing conduits, removing existing traffic signal poles and other signal equipment, installing new signal poles and equipments and installing new pedestrian curb ramps. Traffic control measures and Best Management Practices (BMPs) would be implemented during construction. All work is entirely within the City's developed public right-of-way.

NAME OF PUBLIC AGENCY APPROVING PROJECT: City of San Diego

NAME OF PERSON OR AGENCY CARRYING OUT PROJECT: City of San Diego, Public Works/E&CP Dept/ Jie Xiao
600 B Street, Suite 800 (MS 908A)
San Diego, CA 92101, 619-533-5496

EXEMPT STATUS: (CHECK ONE)

- () MINISTERIAL (SEC. 21080(b)(1); 15268);
() DECLARED EMERGENCY (SEC. 21080(b)(3); 15269(a));
() EMERGENCY PROJECT (SEC. 21080(b)(4); 15269 (b)(c))
(X) CATEGORICAL EXEMPTION: 15302 REPLACEMENT OR RECONSTRUCTION
() STATUTORY EXEMPTIONS:

REASONS WHY PROJECT IS EXEMPT: The City of San Diego conducted an environmental review for the above project and a records search was conducted which identified two recorded historical discoveries on private properties adjacent to Ash Street between 8th and 9th Streets. Although historical materials were recovered, the discoveries were determined not to be significant. The scope of work for the current activity within the intersections of 7th & Ash and 9th & Ash was reviewed by qualified staff to determine if archaeological resources could be impacted based on the records search results above and noted that the project area has been previously disturbed by street and utility improvements and would not result in archaeological impacts. Therefore, the project meets the criteria set forth in CEQA Section 15302 - REPLACEMENT OR RECONSTRUCTION and none of the exceptions listed in CEQA Section 15300.2 would apply.

LEAD AGENCY CONTACT PERSON: MYRA HERRMANN, SENIOR PLANNER TELEPHONE: (619) 446-5372

IF FILED BY APPLICANT:

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

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

Myra Herrmann SENIOR PLANNER
SIGNATURE/TITLE

JANUARY 30, 2013
DATE

CHECK ONE:

- (X) SIGNED BY LEAD AGENCY
(X) SIGNED BY APPLICANT

DATE RECEIVED FOR FILING WITH COUNTY CLERK OR OPR:

APPENDIX B

Fire Hydrant Meter Program

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

1. **PURPOSE**

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

2. **AUTHORITY**

2.1 All authorities and references shall be current versions and revisions.

2.2 San Diego Municipal Code (NC) Chapter VI, Article 7, Sections 67.14 and 67.15

2.3 Code of Federal Regulations, Safe Drinking Water Act of 1986

2.4 California Code of Regulations, Titles 17 and 22

2.5 California State Penal Code, Section 498B.0

2.6 State of California Water Code, Section 110, 500-6, and 520-23

2.7 Water Department Director

Reference

2.8 State of California Guidance Manual for Cross Connection Programs

2.9 American Water Works Association Manual M-14, Recommended Practice for Backflow Prevention

2.10 American Water Works Association Standards for Water Meters

2.11 U.S.C. Foundation for Cross Connection Control and Hydraulic Research Manual

3. **DEFINITIONS**

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

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

4. **POLICY**

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

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

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SUBJECT FIRE HYDRANT METER PROGRAM (FORMERLY: CONSTRUCTION METER PROGRAM)	PAGE 4 OF 10	EFFECTIVE DATE October 15, 2002
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11. When a private meter malfunctions, the customer will be notified and the meter will be removed by the City and returned to the customer for repairs. Testing and calibration results shall be given to the City prior to any re-installation.
 12. The register shall be hermetically sealed straight reading and shall be readable from the inlet side. Registration shall be in hundred cubic feet.
 13. The outlet shall have a 2 ½ “National Standards Tested (NST) fire hydrant male coupling.
 14. Private fire hydrant meters shall not be transferable from one contracting company to another (i.e. if a company goes out of business or is bought out by another company).
- 4.4 All fire hydrant meters and appurtenances shall be installed, relocated and removed by the City of San Diego, Water Department. All City owned fire hydrant meters and appurtenances shall be maintained by the City of San Diego, Water Department, Meter Services.
- 4.5 If any fire hydrant meter is used in violation of this Department Instruction, the violation will be reported to the Code Compliance Section for investigation and appropriate action. Any customer using a fire hydrant meter in violation of the requirements set forth above is subject to fines or penalties pursuant to the Municipal Code, Section 67.15 and Section 67.37.
- 4.6 **Conditions and Processes for Issuance of a Fire Hydrant Meter**
- Process for Issuance
- a. Fire hydrant meters shall only be used for the following purposes:
 1. Temporary irrigation purposes not to exceed one year.

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

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

4.7 Relocation of Existing Fire Hydrant Meters

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

4.8 Disconnection of Fire Hydrant Meter

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

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for removal of the meter.

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

5. **EXCEPTIONS**

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

6. **MOBILE METER**

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

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

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

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

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

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

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

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7. **FEE AND DEPOSIT SCHEDULES**

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

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

8. **UNAUTHORIZED USE OF WATER FROM A HYDRANT**

8.1 Use of water from any fire hydrant without a properly issued and installed fire hydrant meter is theft of City property. Customers who use water for unauthorized purposes or without a City of San Diego issued meter will be prosecuted.

8.2 If any unauthorized connection, disconnection or relocation of a fire hydrant meter, or other connection device is made by anyone other than authorized Water Department personnel, the person making the connection will be prosecuted for a violation of San Diego Municipal Code, Section 67.15. In the case of a second offense, the customer's fire hydrant meter shall be confiscated and/or the deposit will be forfeited.

8.3 Unauthorized water use shall be billed to the responsible party. Water use charges shall be based on meter readings, or estimates when meter readings are not available.

8.4 In case of unauthorized water use, the customer shall be billed for all applicable charges as if proper authorization for the water use had been obtained, including but not limited to bi-monthly service charges, installation charges and removal charges.

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

**Larry Gardner
Water Department Director**

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

APPENDIX

Administering Division: Customer Support Division

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

Distribution: DI Manual Holders



Application for Fire Hydrant Meter (EXHIBIT A)

(For Office Use Only)

NS REQ	FAC#
DATE	BY

METER SHOP (619) 527-7449

Meter Information

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

Fire Hydrant Location: (Attach Detailed Map//Thomas Bros. Map Location or Construction drawing.) <u>Zip:</u>	<u>T.B.</u>	<u>G.B. (CITY USE)</u>
Specific Use of Water:		
Any Return to Sewer or Storm Drain, If so, explain:		
Estimated Duration of Meter Use: <input type="text"/>	<input type="checkbox"/>	Check Box if Reclaimed Water

Company Information

Company Name:			
Mailing Address:			
City:	State:	Zip:	Phone: ()
*Business license#		*Contractor license#	
A Copy of the Contractor's license OR Business License is required at the time of meter issuance.			
Name and Title of Billing Agent: <small>(PERSON IN ACCOUNTS PAYABLE)</small>			Phone: ()
Site Contact Name and Title:			Phone: ()
Responsible Party Name:			Title:
Cal ID#			Phone: ()
Signature:		Date:	
Guarantees Payment of all Charges Resulting from the use of this Meter. Insures that employees of this Organization understand the proper use of Fire Hydrant Meter			

Fire Hydrant Meter Removal Request	Requested Removal Date:
Provide Current Meter Location if Different from Above:	
Signature:	Title: Date:
Phone: ()	Pager: ()

<input type="checkbox"/>	City Meter	<input type="checkbox"/>	Private Meter
Contract Acct #:		Deposit Amount: \$ 936.00	Fees Amount: \$ 62.00
Meter Serial #		Meter Size: 05	Meter Make and Style: 6-7
Backflow #		Backflow Size:	Backflow Make and Style:
Name:		Signature:	Date:

WATER USES WITHOUT ANTICIPATED CHARGES FOR RETURN TO SEWER

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

Note:

1. If there is any return to sewer or storm drain, then sewer and/or storm drain fees will be charges.

Date

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

Subject: Discontinuation of Fire Hydrant Meter Service

Dear Water Department Customer:

The authorization for use of Fire Hydrant Meter # _____, located at *(Meter Location Address)* ends in 60 days and will be removed on or after *(Date Authorization Expires)*. Extension requests for an additional 90 days must be submitted in writing for consideration 30 days prior to the discontinuation date. If you require an extension, please contact the Water Department, or mail your request for an extension to:

City of San Diego
Water Department
Attention: Meter Services
2797 Caminito Chollas
San Diego, CA 92105-5097

Should you have any questions regarding this matter, please call the Fire Hydrant Hotline at (619) _____ - _____.

Sincerely,

Water Department

APPENDIX C

Materials Typically Accepted by Certificate of Compliance

Materials Typically Accepted by Certificate of Compliance

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

APPENDIX D

Sample City Invoice

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

APPENDIX E

Caltrans Permit

ENCROACHMENT PERMIT

TR-0120 (REV. 6/2000)

In compliance with (Check one):

- Your application of DECEMBER 26, 2012
- Utility Notice No. _____ of _____
- Agreement No. _____ of _____
- RW Contract No. _____ of _____

Permit No. 11-12-NTK-0710	
Dist/Co/Rte/PM 11-SD-163/0.59	
Date MARCH 29, 2013	
Fee Paid \$ EXEMPT	Deposit \$ EXEMPT
Performance Bond Amount (1) \$ 0.00	Payment Bond Amount (2) \$ 0.00
Bond Company N/A	
Bond Number (1) N/A	Bond Number (2) N/A

TO: CITY OF SAN DIEGO
600 B STREET, SUITE 800 MS 908A
SAN DIEGO, CA 92101

ATTN: JIE XIAO
PHONE: (619) 533-5496

, PERMITTEE

And subject to the following, PERMISSION IS HEREBY GRANTED to:

enter upon State Highway right of way in San Diego County, City of San Diego, on Route 163, post mile 0.59, to place temporary traffic control to facilitate work outside of the right of way, as shown on the attached plans, in accordance with the requirements and conditions contained herein, and as further directed or approved by the State's Inspector, Vaughn Johnson, telephone number (619) 220-5483, cell number (858) 518-3987.

The State's Inspector shall be notified seven working days prior to starting work.

Working hours shall be 9:00 p.m. to 5:00 a.m., Sunday through Thursday, or as directed or approved by the State's Inspector.

No vehicles or equipment shall be parked within the highway right of way at any time, except for those vehicles or that equipment actually engaged in the work, during the working hours specified herein.

(CONTINUED)

THIS PERMIT IS NOT A PROPERTY RIGHT AND DOES NOT TRANSFER WITH THE PROPERTY TO A NEW OWNER

The following attachments are also included as part of this permit (Check applicable):

- Yes No General Provisions
- Yes No Utility Maintenance Provisions
- Yes No Special Provisions
- Yes No A Cal-OSHA permit, if required: Permit No. _____
- Yes No As-Built Plans Submittal Route Slip for Locally Advertised Projects
- Yes No Water Pollution Control Plan

In addition to fee, the permittee will be billed actual costs for:

- Yes No Review
- Yes No Inspection
- Yes No Field Work

(If any Caltrans effort expended)

Yes No The information in the environmental documentation has been reviewed and is considered prior to approval of this permit.

This permit is void unless the work is complete before **MARCH 31, 2014.**

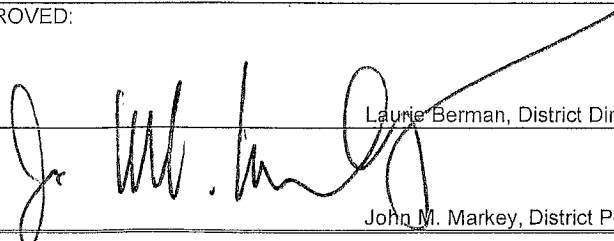
This permit is to be strictly construed and no other work other than specifically mentioned is hereby authorized.

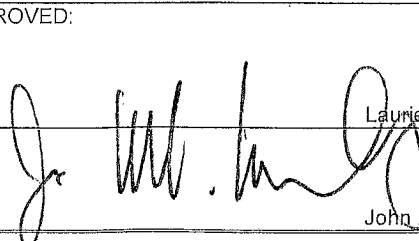
No project work shall be commenced until all other necessary permits and environmental clearances have been obtained.

SM:sm
cc: Permits
BStinnett, Reg. Mgr.
VJohnson, Inspector
Permittee
Contractor

APPROVED:

BY:


Laurie Berman, District Director


John M. Markey, District Permit Engineer

CITY OF SAN DIEGO
11-12-NTK-0710
MARCH 29, 2013
PAGE TWO

Permittee's contractor is responsible for the actual cost of inspection, which may be more or less than the deposit. A bill or refund shall be sent upon satisfactory completion of the work. Payment of any bill is a condition of the permit.

Notwithstanding General Provision No. 4, your contractor is required to apply for and obtain an encroachment permit prior to starting work. A permit inspection deposit fee of \$2,050.00 will be required upon submittal of the application to perform the work.

The State of California, Department of Transportation, makes no assurance or expressed warranty that the plans are complete or that the planned construction fits field conditions. Should additional work or modifications of the work be required in order to meet established Department Standards or in order to fit field conditions, the work shall be performed by Permittee as directed by the State's Inspector at no cost to the State.

All work shall be coordinated with the State highway contractor's operations and under no circumstances shall the work granted herein interfere. All standards of construction shall be identical to similar work performed under adjacent highway contract.

Traffic control when permitted or directed by the State's Inspector, shall consist of closing ramps and shoulders in accordance with Part 6 of the January, 2012 edition of the California Manual on Uniform Traffic Control Devices (California MUTCD), the provisions of Section 12, "Temporary Traffic Control," of the Standard Specifications, and these special provisions, including the attached TRAFFIC CONTROL SYSTEMS, T-10A (SHOULDER CLOSURE), T-14 and the attached TRAFFIC CONTROL PLANS.

If any component in the traffic control system is displaced, or ceases to operate or function as specified, from any cause, during the progress of the work, the Permittee shall immediately repair said component to its original condition or replace said component and shall restore the component to its original location.

The provisions in this section will not relieve the Permittee from his responsibility to provide such additional devices or take such measures as may be necessary to comply with the provisions in Section 7-1.04, of the Standard Specifications.

Upon completion of the work, the attached card shall be completed and returned.

The following District Standard Special Provisions are generalizations of the Department Standard Specifications and are included only as a Permittee convenience. Permittee's attention is directed to the current Department Standard Specifications for complete, unabridged, specification requirements.

Once begun, that portion of the work within the State Highway right of way shall be prosecuted to completion as rapidly as possible.

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11-12-NTK-0710
MARCH 29, 2013
PAGE THREE

All personnel on foot within the State Highway right of way shall wear personal protective equipment, including safety glasses, hard hats and American National Standards Institute (ANSI) compliant Class II vests. In addition, all personnel working at night, on foot within the State Highway right of way shall wear ANSI Class III warning garments.

The Permittee's contractor is responsible for locating and protecting all utilities both underground and aerial. Any costs incurred for locating and protecting and/or relocating any utilities shall be borne by the Permittee's contractor.

STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION
ENCROACHMENT PERMIT GENERAL PROVISIONS
TR-0045 (REV. 05/2007)

1. **AUTHORITY:** The Department's authority to issue encroachment permits is provided under, Div. 1, Chpt. 3, Art. 1, Sect. 660 to 734 of the Streets and Highways Code.
2. **REVOCATION:** Encroachment permits are revocable on five days notice unless otherwise stated on the permit and except as provided by law for public corporations, franchise holders, and utilities. These General Provisions and the Encroachment Permit Utility Provisions are subject to modification or abrogation at any time. Permittees' joint use agreements, franchise rights, reserved rights or any other agreements for operating purposes in State highway right of way are exceptions to this revocation.
3. **DENIAL FOR NONPAYMENT OF FEES:** Failure to pay permit fees when due can result in rejection of future applications and denial of permits.
4. **ASSIGNMENT:** No party other than the permittee or permittee's authorized agent is allowed to work under this permit.
5. **ACCEPTANCE OF PROVISIONS:** Permittee understands and agrees to accept these General Provisions and all attachments to this permit, for any work to be performed under this permit.
6. **BEGINNING OF WORK:** When traffic is not impacted (see Number 35), the permittee shall notify the Department's representative, two (2) days before the intent to start permitted work. Permittee shall notify the Department's Representative if the work is to be interrupted for a period of five (5) days or more, unless otherwise agreed upon. All work shall be performed on weekdays during regular work hours, excluding holidays, unless otherwise specified in this permit.
7. **STANDARDS OF CONSTRUCTION:** All work performed within highway right of way shall conform to recognized construction standards and current Department Standard Specifications, Department Standard Plans High and Low Risk Facility Specifications, and Utility Special Provisions. Where reference is made to "Contractor and Engineer," these are amended to be read as "Permittee and Department representative."
8. **PLAN CHANGES:** Changes to plans, specifications, and permit provisions are not allowed without prior approval from the State representative.
9. **INSPECTION AND APPROVAL:** All work is subject to monitoring and inspection. Upon completion of work, permittee shall request a final inspection for acceptance and approval by the Department. The local agency permittee shall not give final construction approval to its contractor until final acceptance and approval by the Department is obtained.
10. **PERMIT AT WORKSITE:** Permittee shall keep the permit package or a copy thereof, at the work site and show it upon request to any Department representative or law enforcement officer. If the permit package is not kept and made available at the work site, the work shall be suspended.
11. **CONFLICTING ENCROACHMENTS:** Permittee shall yield start of work to ongoing, prior authorized, work adjacent to or within the limits of the project site. When existing encroachments conflict with new work, the permittee shall bear all cost for rearrangements, (e.g., relocation, alteration, removal, etc.).
12. **PERMITS FROM OTHER AGENCIES:** This permit is invalidated if the permittee has not obtained all permits necessary and required by law, from the Public Utilities Commission of the State of California (PUC), California Occupational Safety and Health Administration (Cal-OSHA), or any other public agency having jurisdiction.
13. **PEDESTRIAN AND BICYCLIST SAFETY:** A safe minimum passageway of 4' shall be maintained through the work area at existing pedestrian or bicycle facilities. At no time shall pedestrians be diverted onto a portion of the street used for vehicular traffic. At locations where safe alternate passageways cannot be provided, appropriate signs and barricades shall be installed at the limits of construction and in advance of the limits of construction at the nearest crosswalk or intersection to detour pedestrians to facilities across the street. Attention is directed to Section 7-1.09 Public Safety of the Department Standard Specifications.
14. **PUBLIC TRAFFIC CONTROL:** As required by law, the permittee shall provide traffic control protection warning signs, lights, safety devices, etc., and take all other measures necessary for traveling public's safety. While providing traffic control, the needs and control of all road users [motorists, bicyclists and pedestrians, including persons with disabilities in accordance with the Americans with Disabilities Act of 1990 (ADA)] shall be an essential part of the work activity.
Day and night time lane closures shall comply with the California Manual on Uniform Traffic Control Devices (Part 6, Temporary Traffic Control), Standard Plans, and Standard Specifications for traffic control systems. These General Provisions are not intended to impose upon the permittee, by third parties, any duty or standard of care, greater than or different from, as required by law.
15. **MINIMUM INTERFERENCE WITH TRAFFIC:** Permittee shall plan and conduct work so as to create the least possible inconvenience to the traveling public; traffic shall not be unreasonably delayed. On conventional highways, permittee shall place properly attired flagger(s) to stop or warn the traveling public in compliance with the California Manual on Uniform Traffic Control Devices (Chapter 6E, Flagger Control).
16. **STORAGE OF EQUIPMENT AND MATERIALS:** The storage of equipment or materials is not allowed within State highway right-of-way, unless specified within the Special Provisions of this specific encroachment permit. If Encroachment Permit Special Provisions allow for the storage of equipment or materials within the State right of way, the equipment and material storage shall comply with Standard Specifications, Standard Plans, Special Provisions, and the Highway Design Manual. The clear recovery zone widths must be followed and are the minimum desirable for the type of facility indicated below: freeways and expressways - 30', conventional highways (no curbs) - 20', conventional highways (with curbs) - 1.5'. If a fixed object cannot be eliminated, moved outside the clear recovery zone, or modified to be made yielding, it should be shielded by a guardrail or a crash cushion.
17. **CARE OF DRAINAGE:** Permittee shall provide alternate drainage for any work interfering with an existing drainage facility in compliance with the Standard Specifications, Standard Plans and/or as directed by the Department's representative.
18. **RESTORATION AND REPAIRS IN RIGHT OF WAY:** Permittee is responsible for restoration and repair of State highway right of way resulting from permitted work (State Streets and Highways Code, Sections 670 et. seq.).

19. **RIGHT OF WAY CLEAN UP:** Upon completion of work, permittee shall remove and dispose of all scraps, brush, timber, materials, etc. off the right of way. The aesthetics of the highway shall be as it was before work started.
20. **COST OF WORK:** Unless stated in the permit, or a separate written agreement, the permittee shall bear all costs incurred for work within the State right of way and waives all claims for indemnification or contribution from the State.
21. **ACTUAL COST BILLING:** When specified in the permit, the Department will bill the permittee actual costs at the currently set hourly rate for encroachment permits.
22. **AS-BUILT PLANS:** When required, permittee shall submit one (1) set of folded as-built plans within thirty (30) days after completion and approval of work in compliance with requirements listed as follows:
1. Upon completion of the work provided herein, the permittee shall send one vellum or paper set of As-Built plans, to the State representative. Mylar or paper sepia plans are not acceptable.
 2. All changes in the work will be shown on the plans, as issued with the permit, including changes approved by Encroachment Permit Rider.
 3. The plans are to be stamped or otherwise noted AS-BUILT by the permittee's representative who was responsible for overseeing the work. Any original plan that was approved with a State stamp, or Caltrans representative signature, shall be used for producing the As-Built plans.
 4. If As-Built plans include signing or striping, the dates of signing or striping removal, relocation, or installation shall be shown on the plans when required as a condition of the permit. When the construction plans show signing and striping for staged construction on separate sheets, the sheet for each stage shall show the removal, relocation or installation dates of the appropriate staged striping and signing.
 5. As-Built plans shall contain the Permit Number, County, Route, and Post Mile on each sheet.
 6. Disclaimer statement of any kind that differ from the obligations and protections provided by Sections 6735 through 6735.6 of the California Business and Professions Code, shall not be included on the As-Built plans. Such statements constitute non-compliance with Encroachment Permit requirements, and may result in the Department of Transportation retaining Performance Bonds or deposits until proper plans are submitted. Failure to comply may also result in denial of future permits, or a provision requiring a public agency to supply additional bonding.
23. **PERMITS FOR RECORD PURPOSES ONLY:** When work in the right of way is within an area under a Joint Use Agreement (JUA) or a Consent to Common Use Agreement (CCUA), a fee exempt permit is issued to the permittee for the purpose of providing a notice and record of work. The Permittee's prior rights shall be preserved without the intention of creating new or different rights or obligations. "Notice and Record Purposes Only" shall be stamped across the face of the permit.
24. **BONDING:** The permittee shall file bond(s), in advance, in the amount set by the Department. Failure to maintain bond(s) in full force and effect will result in the Department stopping of all work and revoking permit(s). Bonds are not required of public corporations or privately owned utilities, unless permittee failed to comply with the provision and conditions under a prior permit. The surety company is responsible for any latent defects as provided in California Code of Civil Procedures, Section 337.15. Local agency permittee shall comply with requirements established as follows: In recognition that project construction work done on State property will not be directly funded and paid by State, for the purpose of protecting stop notice claimants and the interests of State relative to successful project completion, the local agency permittee agrees to require the construction contractor furnish both a payment and performance bond in the local agency's name with both bonds complying with the requirements set forth in Section 3-1.02 of State's current Standard Specifications before performing any project construction work. The local agency permittee shall defend, indemnify, and hold harmless the State, its officers and employees from all project construction related claims by contractors and all stop notice or mechanic's lien claimants. The local agency also agrees to remedy, in a timely manner and to State's satisfaction, any latent defects occurring as a result of the project construction work.
25. **FUTURE MOVING OF INSTALLATIONS:** Permittee understands and agrees to relocate a permitted installation upon notice by the Department. Unless under prior property right or agreement, the permittee shall comply with said notice at his sole expense.
26. **ARCHAEOLOGICAL/HISTORICAL:** If any archaeological or historical resources are revealed in the work vicinity, the permittee shall immediately stop work, notify the Department's representative, retain a qualified archaeologist who shall evaluate the site, and make recommendations to the Department representative regarding the continuance of work.
27. **PREVAILING WAGES:** Work performed by or under a permit may require permittee's contractors and subcontractors to pay appropriate prevailing wages as set by the Department of Industrial Relations. Inquiries or requests for interpretations relative to enforcement of prevailing wage requirements are directed to State of California Department of Industrial Relations, 525 Golden Gate Avenue, San Francisco, California 94102.
28. **RESPONSIBILITY FOR DAMAGE:** The State of California and all officers and employees thereof, including but not limited to the Director of Transportation and the Deputy Director, shall not be answerable or accountable in any manner for injury to or death of any person, including but not limited to the permittee, persons employed by the permittee, persons acting in behalf of the permittee, or for damage to property from any cause. The permittee shall be responsible for any liability imposed by law and for injuries to or death of any person, including but not limited to the permittee, persons employed by the permittee, persons acting in behalf of the permittee, or for damage to property arising out of work, or other activity permitted and done by the permittee under a permit, or arising out of the failure on the permittee's part to perform his obligations under any permit in respect to maintenance or any other obligations, or resulting from defects or obstructions, or from any cause whatsoever during the progress of the work, or other activity or at any subsequent time, work or other activity is being performed under the obligations provided by and contemplated by the permit.
- The permittee shall indemnify and save harmless the State of California, all officers, employees, and State's contractors, thereof, including but not limited to the Director of Transportation and the Deputy Director, from all claims, suits or actions of every name, kind and description brought for or on account of injuries to or death of any person, including but not limited to the permittee, persons employed by the permittee, persons acting in behalf of the permittee and the public, or damage to property resulting from the performance of work or other activity under the permit, or arising out of the failure on the permittee's part to perform his obligations under any permit in respect to maintenance or any other obligations, or resulting from defects or obstructions, or from any cause whatsoever during the progress of the work, or other activity or at any subsequent time, work or other activity is being performed under the obligations provided by and contemplated by the permit, except as otherwise provided by statute.

The duty of the permittee to indemnify and save harmless includes the duties to defend as set forth in Section 2778 of the Civil Code. The permittee waives any and all rights to any type of expressed or implied indemnity against the State, its officers, employees, and State contractors. It is the intent of the parties that the permittee will indemnify and hold harmless the State, its officers, employees, and State's contractors, from any and all claims, suits or actions as set forth above regardless of the existence or degree of fault or negligence, whether active or passive, primary or secondary, on the part of the State, the permittee, persons employed by the permittee, or acting on behalf of the permittee.

For the purpose of this section, "State's contractors" shall include contractors and their subcontractors under contract to the State of California performing work within the limits of this permit.

29. **NO PRECEDENT ESTABLISHED:** This permit is issued with the understanding that it does not establish a precedent.
30. **FEDERAL CIVIL RIGHTS REQUIREMENTS FOR PUBLIC ACCOMMODATION:**
- A. The permittee, for himself, his personal representative, successors in interest, and assigns as part of the consideration hereof, does hereby covenant and agree that:
1. No person on the grounds of race, color, or national origin shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.
 2. That in connection with the construction of any improvements on said lands and the furnishings of services thereon, no discrimination shall be practiced in the selection and retention of first-tier subcontractors in the selection of second-tier subcontractors.
 3. That such discrimination shall not be practiced against the public in their access to and use of the facilities and services provided for public accommodations (such as eating, sleeping, rest, recreation), and operation on, over, or under the space of the right of way.
 4. That the permittee shall use the premises in compliance with all other requirements imposed pursuant to Title 15, Code of Federal Regulations, Commerce and Foreign Trade, Subtitle A, Office of the Secretary of Commerce, Part 8 (15 C.F.R. Part 8) and as said Regulations may be amended.
 5. That in the event of breach of any of the above nondiscrimination covenants, the State shall have the right to terminate the permit and to re-enter and repossess said land and the land and the facilities thereon, and hold the same as if said permit had never been made or issued.
31. **MAINTENANCE OF HIGHWAYS:** The permittee agrees, by acceptance of a permit, to properly maintain any encroachment. This assurance requires the permittee to provide inspection and repair any damage, at permittee's expense, to State facilities resulting from the encroachment.
32. **SPECIAL EVENTS:** In accordance with subdivision (a) of Streets and Highways Code Section 682.5, the Department of Transportation shall not be responsible for the conduct or operation of the permitted activity, and the applicant agrees to defend, indemnify, and hold harmless the State and the city or county against any and all claims arising out of any activity for which the permit is issued.

The permittee understands and agrees to comply with the obligations of Titles II and III of the Americans with Disabilities Act of 1990 in the conduct of the event, and further agrees to indemnify and save harmless the State of California, all officers and employees thereof, including but not limited to the Director of Transportation, from any claims or liability arising out of or by virtue of said Act.

33. **PRIVATE USE OF RIGHT OF WAY:** Highway right of way shall not be used for private purposes without compensation to the State.

The gifting of public property use and therefore public funds is prohibited under the California Constitution, Article 16.

34. **FIELD WORK REIMBURSEMENT:** Permittee shall reimburse State for field work performed on permittee's behalf to correct or remedy hazards or damaged facilities, or clear debris not attended to by the permittee.
35. **NOTIFICATION OF DEPARTMENT AND TMC:** The permittee shall notify the Department's representative and the Transportation Management Center (TMC) at least 7 days before initiating a lane closure or conducting an activity that may cause a traffic impact. A confirmation notification should occur 3 days before closure or other potential traffic impacts. In emergency situations when the corrective work or the emergency itself may affect traffic, TMC and the Department's representative shall be notified as soon as possible.
36. **SUSPENSION OF TRAFFIC CONTROL OPERATION:** The permittee, upon notification by the Department's representative, shall immediately suspend all lane closure operations and any operation that impedes the flow of traffic. All costs associated with this suspension shall be borne by the permittee.
37. **UNDERGROUND SERVICE ALERT (USA) NOTIFICATION:** Any excavation requires compliance with the provisions of Government Code Section 4216 et. seq., including, but not limited to notice to a regional notification center, such as Underground Service Alert (USA). The permittee shall provide notification at least 48 hours before performing any excavation work within the right of way.

- LEGEND**
- TRAFFIC CONE
 - TRAFFIC CONE (OPTIONAL TAPER)
 - ⊥ TEMPORARY SIGN
 - ⊥ BARRICADE
 - ⊥ FLASHING ARROW SIGN (FAS)
 - FAS SUPPORT OR TRAILER
 - DIRECTION OF TRAVEL
 - ⊛ PORTABLE FLASHING BEACON

TABLE 1

APPROACH SPEED	Min L	Min 2L	Min L/2	Min L/3
mph	ft	ft	ft	ft
55	660	1320	330	220
60	720	1440	360	240
65	780	1560	390	260
70	840	1680	420	280

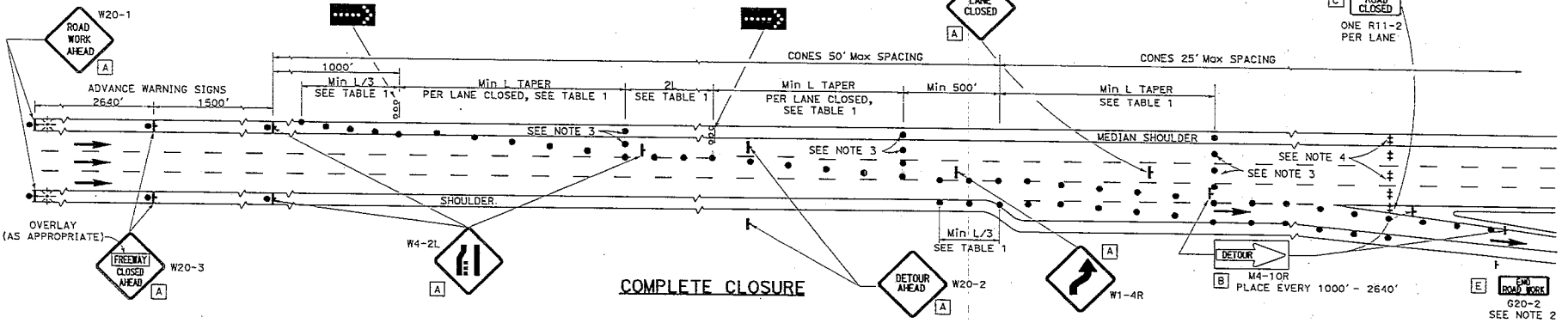
* USE L FOR LANE WIDTHS LESS THAN OR EQUAL TO 12'.

- SIGN PANEL SIZE (Min)**
- A 48" x 48"
 - B 48" x 18"
 - C 48" x 30"
 - D 54" x 48"
 - E 48" x 24"

TABLE 2

APPROACH SPEED	Min D	DOWNGRADE Min D *		
		-3%	-6%	-9%
mph	ft	ft	ft	ft
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891

* USE ON SUSTAINED DOWNGRADE STEEPER THAN -3 PERCENT AND LONGER THAN 1 MILE.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL NO. SHEETS

REGISTERED CIVIL ENGINEER

May 20, 2011
REVISION APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

Gordon Wang
C69597
Exp. 9-30-12
CIVIL
STATE OF CALIFORNIA

- NOTES:**
- California code are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.
 - A G20-2 "END ROAD WORK" sign, as appropriate, shall be placed at the end of the lane closure unless the end of work area is obvious or ends within a larger project's limits.
 - Unless otherwise specified in the special provisions, a minimum of 3 cones shall be placed transversely across each closed lane and shoulder at each location where a taper across a traffic lane ends and every 2000' as shown on the "Lane Closure" detail. Two Type II barricades may be used instead of the 3 cones. The transverse alignment of the cones or barricades on the closed shoulder may be shifted from the transverse alignment to provide access to the work.
 - A minimum of two Type II barricades shall be placed across each closed lane and shoulder at the location shown and every 2000' within the complete closure area. Within the complete closure area, the transverse alignment of the barricades on the closed shoulder may be shifted from the transverse alignment to provide access to the work.
 - D is longitudinal buffer space and is optional only when work area is beyond the shoulder.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM
FOR LANE AND
COMPLETE CLOSURES ON
FREEWAYS AND EXPRESSWAYS**

NO SCALE **T10A**

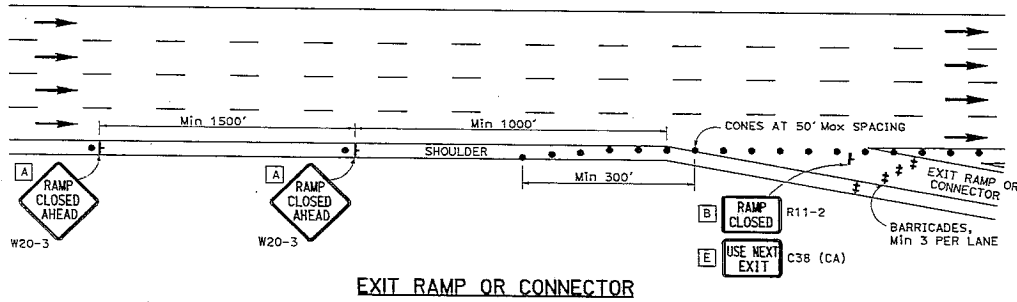
238

TYPICAL RAMP CLOSURES

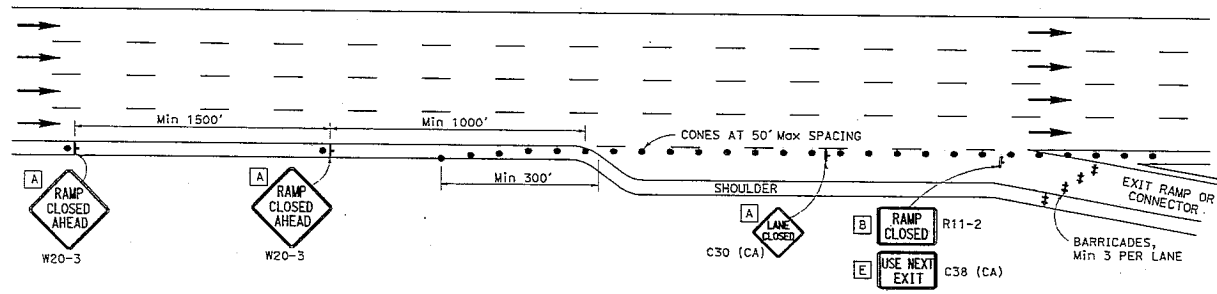
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER
 Gordon Wang
 No. C63597
 Exp. 8-30-12
 CIVIL
 STATE OF CALIFORNIA

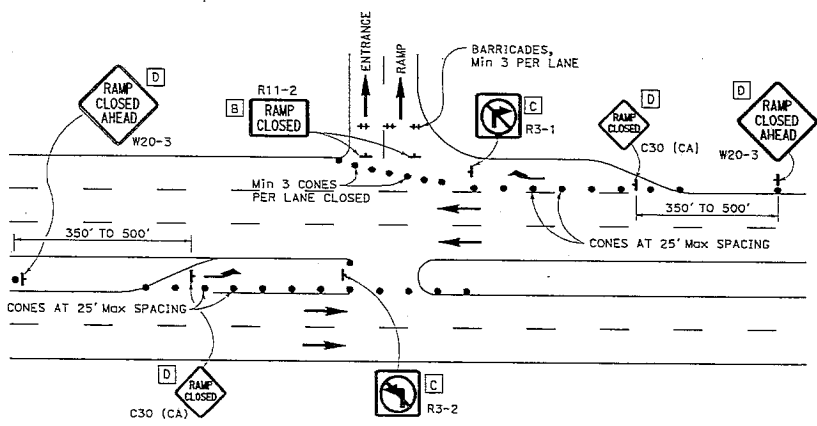
May 20, 2011
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



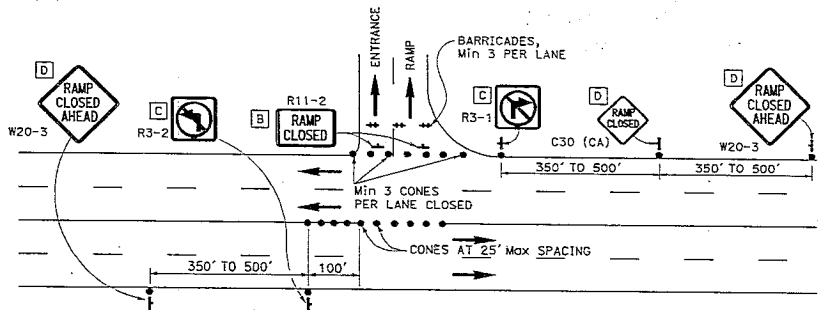
EXIT RAMP OR CONNECTOR



EXIT RAMP OR CONNECTOR WITH ADDITIONAL LANE



ENTRANCE RAMP WITH TURNING POCKETS



ENTRANCE RAMP WITHOUT TURNING POCKETS

- LEGEND**
- TRAFFIC CONE
 - † TEMPORARY SIGN
 - ‡ BARRICADES
 - ← DIRECTION OF TRAVEL
 - ↪ TURN ARROW

- SIGN PANEL SIZE (Min)**
- A 48" x 48"
 - B 48" x 30"
 - C 36" x 36"
 - D 48" x 48" - SPEED OF 45 mph OR MORE
 - E 48" x 36" - SPEED LESS THAN 45 mph

- NOTES:**
- California code are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.
 - The existing "EXIT" sign in the gore area shall be covered during ramp closures.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR RAMP CLOSURE

NO SCALE

T14

242

2010 STANDARD PLAN T14

ASH STREET @ 9TH AVENUE TRAFFIC CONTROL PLANS

TRAFFIC CONTROL NOTES:

- VALIDATION, THIS TRAFFIC CONTROL PLAN IS NOT VALID UNTIL WORK DATES ARE APPROVED. THE CONTRACTOR SHALL, PER SECTION 7-10.1.3 OF THE CONTRACT SPECIAL PROVISIONS, CALL THE ENGINEERING TRAFFIC CONTROL SECTION AT (858) 495-4741 TO OBTAIN A PERMIT. THE CONTRACTOR MUST CALL A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK, OR FIVE (5) WORKING DAYS WHEN THE WORK WILL AFFECT A TRAFFIC SIGNAL.
- STANDARDS, THIS TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST RECENTLY ADOPTED EDITION OF EACH OF THE FOLLOWING MANUALS:
 - CITY OF SAN DIEGO STANDARD DRAWINGS, APPENDIX 'A'
 - CALTRANS MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES; AND
 - STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ('GREENBOOK'), INCLUDING REGIONAL AND CITY OF SAN DIEGO SUPPLEMENT AMENDMENTS.
- NOTIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AFFECTED AGENCIES A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, CONSTRUCTION OR TRAFFIC CONTROL:

FIRE DEPARTMENT DISPATCH	(STREET OR ALLEY CLOSURE)	(858) 573-1300
POLICE DEPARTMENT TRAFFIC	(STREET OR ALLEY CLOSURE)	(858) 495-7800
WASTE MANAGEMENT DEPT.	(REFUSE COLLECTION)	(858) 694-7000
STREET DIVISION/ELECTRICAL	(TRAFFIC SIGNALS)	(619) 527-7500
SAN DIEGO TRANSIT	(BUS STOPS)	(619) 238-0100 X424
MTDB	(TAXI ZONES)	(619) 595-7030
UNDERGROUND SERVICE ALERT	ANY EXCAVATION)	(800) 422-4133
- THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND TENANTS A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF DRIVEWAYS, THE CONTRACTOR SHALL POST SIGNS NOTIFYING THE PUBLIC A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF STREETS.
- POSTING NO PARKING SIGNS, THE CONTRACTOR SHALL POST 'TOW-AWAY/NO PARKING' SIGNS TWENTY-FOUR (24) HOURS IN ADVANCE FOR TEMPORARY PARKING REMOVAL. SIGNS SHALL INDICATE SPECIFIC DAYS, DATES, AND TIMES OF RESTRICTIONS.
- EXCAVATIONS, EXCEPT AS SHOWN ON THE PLANS, TRENCHES SHALL BE BACKFILLED OR TRENCH-PLATED AT THE END OF EACH WORK DAY. AN ASPHALT RAMP SHALL BE PLACED AROUND EACH TRENCH PLATE TO PREVENT THE PLATE FROM BEING DISLODGED. UPON COMPLETION OF EXCAVATION BACKFILL, THE CONTRACTOR SHALL PROVIDE A SATISFACTORY SURFACE FOR TRAFFIC. WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVELY IN PROGRESS, THE CONTRACTOR SHALL MAINTAIN ALL TRAVEL LANES OPEN TO TRAFFIC, EXCEPT AS SHOWN ON THE PLANS.
- RESTORATION OF TRAFFIC CONTROL DEVICES, THE CONTRACTOR SHALL REPAIR OR REPLACE TRAFFIC CONTROL DEVICES (INCLUDING TRAFFIC SIGNS, STRIPING, PAVEMENT MARKERS, PAVEMENT MARKINGS, LEGENDS, CURB MARKINGS, LOOP DETECTORS, TRAFFIC SIGNAL EQUIPMENT, ETC.) DAMAGED OR REMOVED AS A RESULT OF OPERATIONS AND NOT DESIGNATED FOR REMOVAL, REPAIRS AND REPLACEMENTS SHALL BE EQUAL TO EXISTING IMPROVEMENTS. LOOP DETECTORS SHALL BE REPLACED WITHIN THREE (3) WORKING DAYS OF COMPLETION OF UNDERGROUND WORK.
- CHANGES IN WORK, THE RESIDENT ENGINEER WILL OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND RESERVES THE RIGHT TO MAKE CHANGES AS THE FIELD CONDITIONS WARRANT. SUCH CHANGES SHALL SUPERSEDE THESE PLANS.
- FOR WORK NOT COVERED BY THESE TRAFFIC CONTROL PLANS, THE CONTRACTOR SHALL, PER SECTION 7-10.1.1 OF THE CONTRACT SPECIAL PROVISIONS, PREPARE TRAFFIC CONTROL SHOP DRAWINGS AND SUBMIT THEM TO THE RESIDENT ENGINEER. THE CONTRACTOR SHALL ALLOW A MINIMUM OF TWENTY (20) WORKING DAYS FOR REVIEW OF THE SHOP DRAWINGS. UPON APPROVAL OF THE TRAFFIC CONTROL PLAN, THE ENGINEERING TRAFFIC CONTROL SECTION WILL ISSUE A TRAFFIC CONTROL PLAN (TCP) PERMIT FOR THIS WORK.

APPROVED ENCROACHMENT PERMIT PLAN

Permit No.: 112-N/K 0710
MAR 29 2013
Date: _____

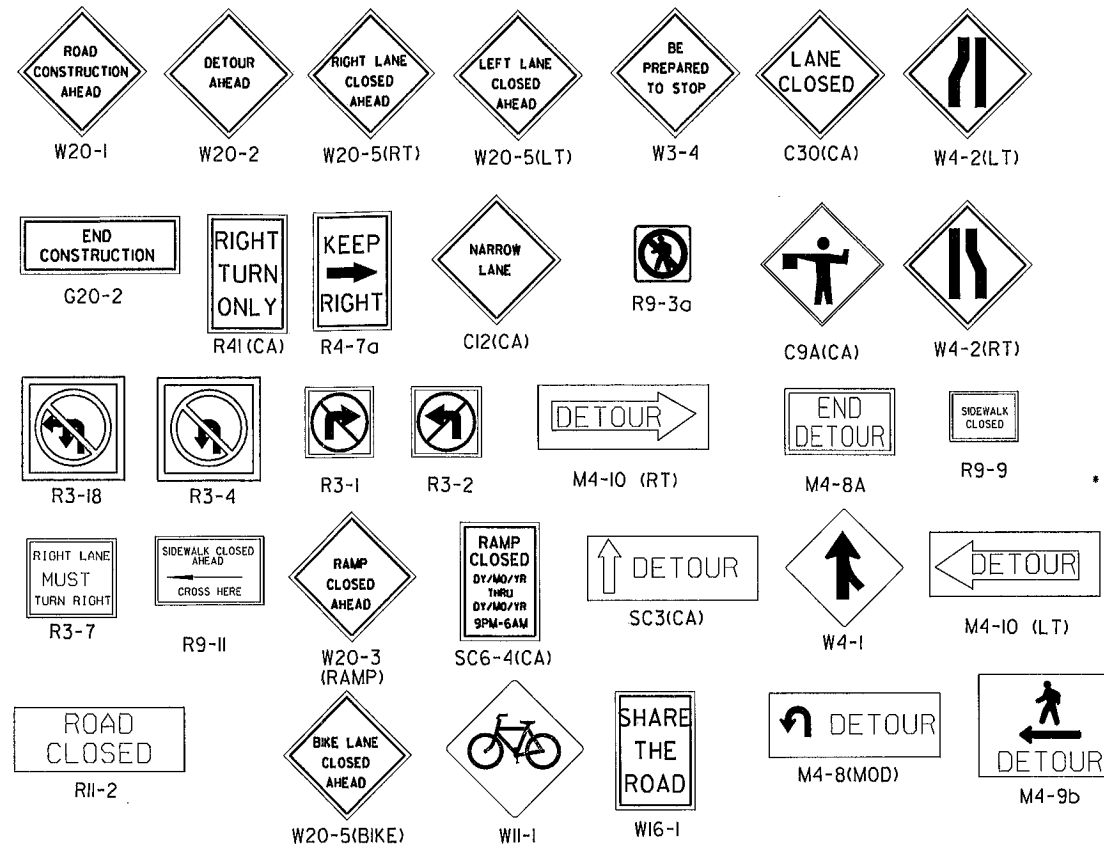
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CALTRANS-PERMIT

MINIMUM OF 5 WORKING DAYS
NOTIFICATION REQUIRED FOR
CONSTRUCTION WORK WHICH
AFFECTS TRAFFIC SIGNALS
CALL (858) 495-4741

TRAFFIC CONTROL SIGNS



NOTE: ALL SIGNS ARE STANDARD SIZE

TABLE 1
RECOMMENDED SIGN SPACING FOR ADVANCE WARNING SIGN SERIES

APPROACH SPEED (MPH)	MINIMUM DISTANCE IN FEET BETWEEN SIGNS AND FROM LAST SIGN TO TAPER	MAXIMUM DEVICE SPACING IN FEET	MINIMUM TAPER LENGTHS FOR LANE WIDTHS*		
			10 FT	11 FT	12 FT
25	150-200	25	105	115	125
30	200-300	30	150	165	180
35	250-400	35	205	225	245
40	350-500	40	265	295	320
45	500-750	45	450	495	540
50	500-1000	50	500	550	600
55+	500-1500	50	550	605	660

* L = WS² / 60 FOR SPEED OF 40 MPH OR LESS; L = WS FOR SPEED GREATER THAN 40 MPH. TAPER LENGTHS SHOWN ARE ROUNDED TO NEAREST 5 FEET.

TABLE 2
RECOMMENDED TAPER LENGTH AND DEVICE SPACING FOR CHANNELIZING TAPERS

APPROACH SPEED (MPH)	TAPER LENGTH (L)*	SPACING OF CONES ALONG TAPER (FEET) ±	NOTE:	
			TAPER FORMULA	
25	125	25	L = S x W	for speeds greater than 40 mph
30	180	30		
35	245	35	L = $\frac{W \times S^2}{60}$	for speeds of 40 mph or less
40	320	40		
45	540	45		
50	600	50		
50+	660	50		

* BASED ON 12-FOOT WIDE LANE. THIS COLUMN IS ALSO APPROPRIATE FOR LANE WIDTHS LESS THAN 12 FEET

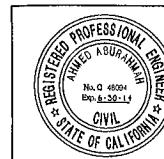
LEGEND

- DELINEATOR OR CONE
- SIGN
- TRAFFIC DIRECTIONAL ARROW
- WORKING AREA
- FLASHING ARROW BOARD
- BARRICADE

TRAFFIC CONTROL

ASH STREET @ 9TH AVENUE
TRAFFIC CONTROL

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 1 OF 7 SHEETS					WBS	B-10198
APPROVED BY	DATE	DATE	DATE	DATE	DATE	DATE
FOR CITY ENGINEER						
DESCRIPTION	BY	APPROVED	DATE	FILMED	DATE	DATE
ORIGINAL	CS					
DRAWN BY CORSON SMITH PROJECT ENGINEER						
202-1719 CCS27 COORDINATE						
1842444-6280407 CCS28 COORDINATE						
CONTRACTOR	DATE STARTED	DATE COMPLETED	29619-T1-D			
INSPECTOR						



MATCHLINE
SHEET T-3

APPROVED ENCROACHMENT PERMIT PLAN
Permit No.: 1112 NTK0710
Date: MAR 29 2013

BEECH ST

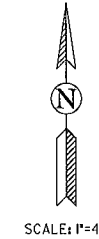
ASH ST

09TH AV

10TH AV

PHASE I
- TRENCHING

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858-495-4741) A MINIMUM OF 5 (FIVE) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.
TRAFFIC SIGNAL TO REMAIN OPERATIONAL



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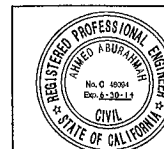
CALTRANS-PERMIT

T-2

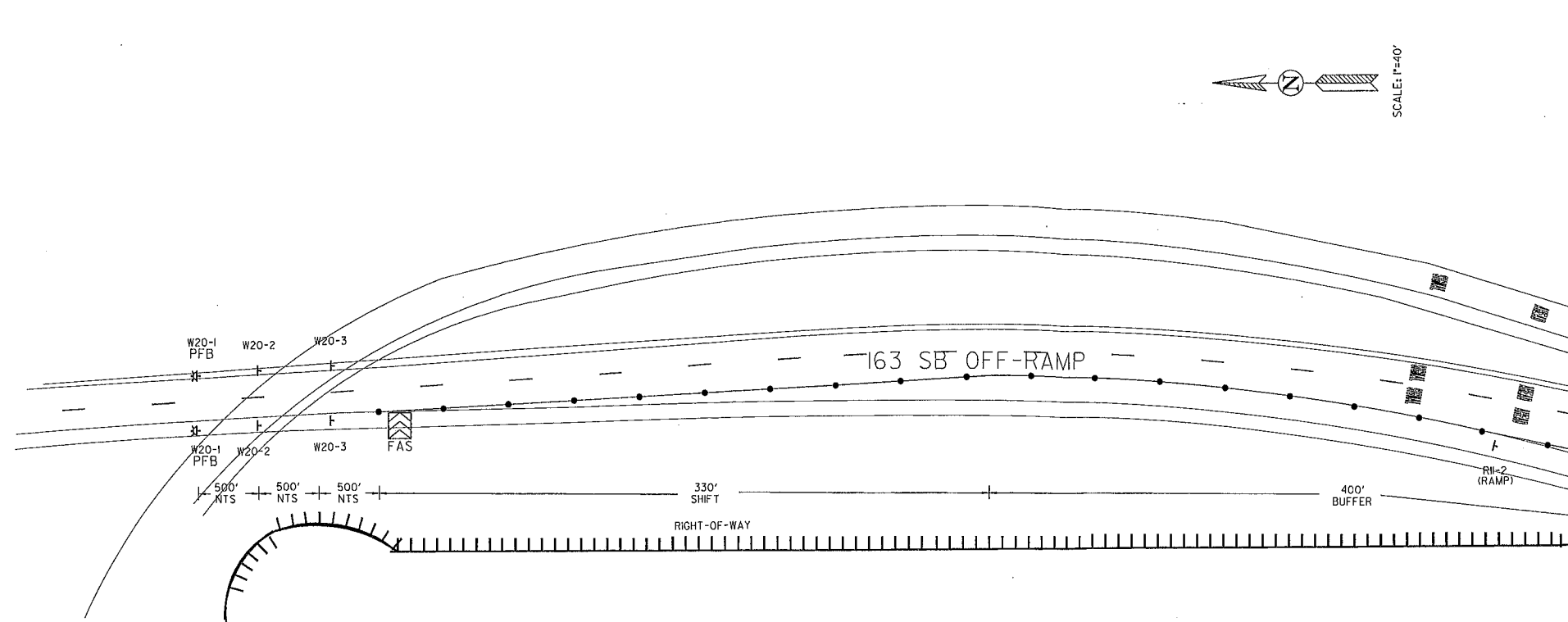
ASH STREET @ 9TH AVENUE
TRAFFIC CONTROL

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
SHEET 2 OF 7 SHEETS

APPROVED BY	JIE XIAO
FOR CITY ENGINEER	ASSOCIATE ENGINEER
DATE	
DESCRIPTION	ORIGINAL
BY	CS
APPROVED	
DATE	
FILED	
PROJECT ENGINEER	CORSON SMITH
	202-1719
	CC827 COORDINATE
	1842444-6280407
	CC818 COORDINATE
CONTRACTOR	29619-T2-D
INSPECTOR	
DATE STARTED	
DATE COMPLETED	



TRAFFIC CONTROL

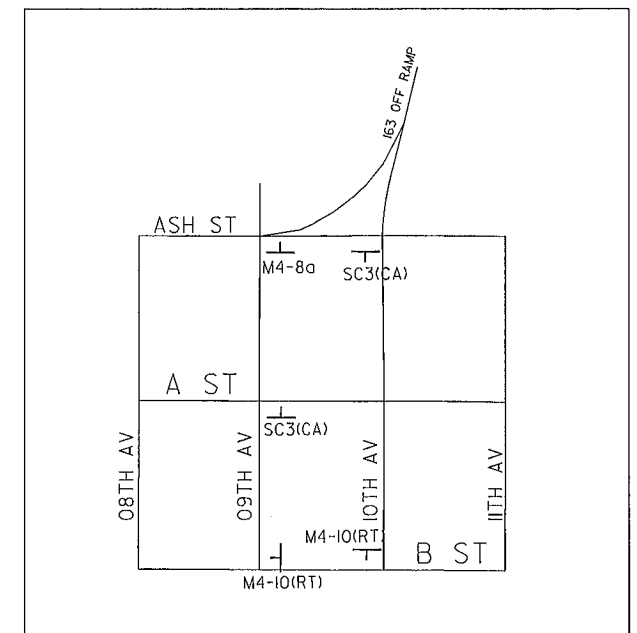


MATCHLINE
SHEET T-2

APPROVED ENCROACHMENT PERMIT PLAN
 Permit No.: 112 NTK0710
 Date: MAR 29 2013

RECEIVED
 FEB 15 2013
 CALTRANS-PERMIT

DETOUR MAP

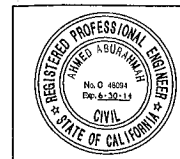


TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858-495-4741) A MINIMUM OF 5 (FIVE) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.
 TRAFFIC SIGNAL TO REMAIN OPERATIONAL

PHASE I
 - TRENCHING

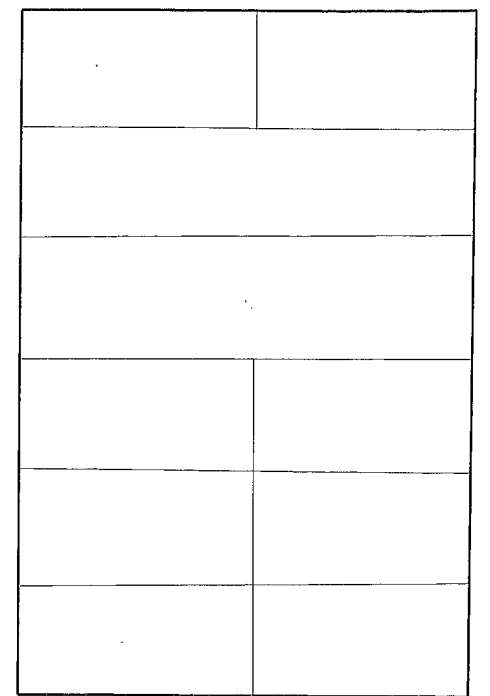
T-3

ASH STREET @ 9TH AVENUE TRAFFIC CONTROL				
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 3 OF 7 SHEETS				WBS: <u>B-10198</u>
APPROVED BY:	DATE:	FOR CITY ENGINEER:		DATE:
JIE XIAO		ASSOCIATE ENGINEER		
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	CS			
CONTRACTOR				DATE STARTED
INSPECTOR				DATE COMPLETED
				29619-T3-D

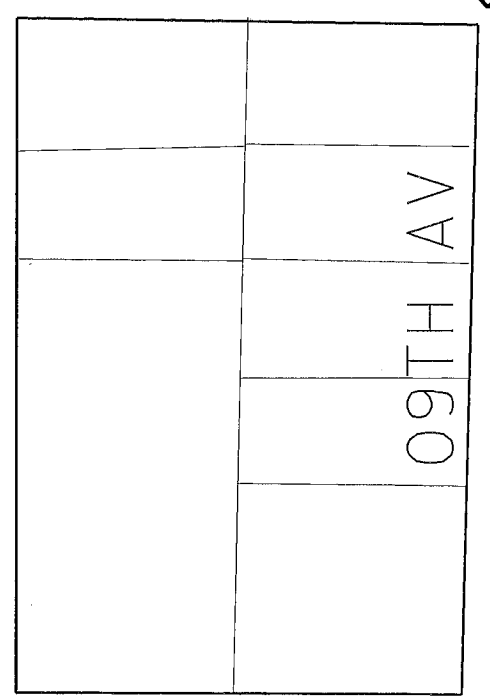


TRAFFIC CONTROL

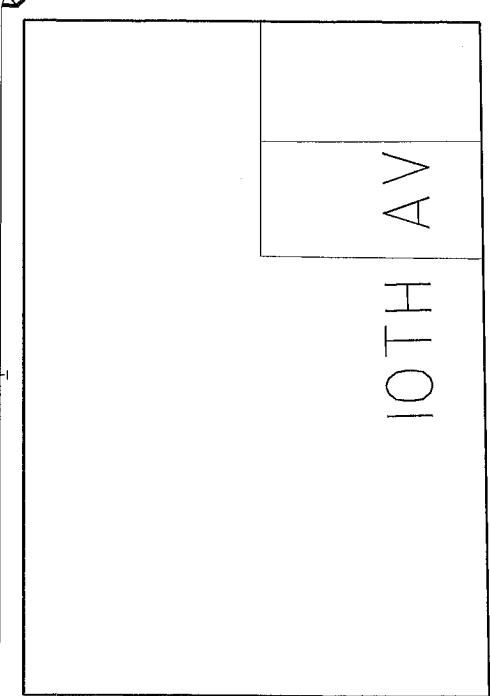
BEECH ST



ASH ST



09TH AV



10TH AV

PHASE I I

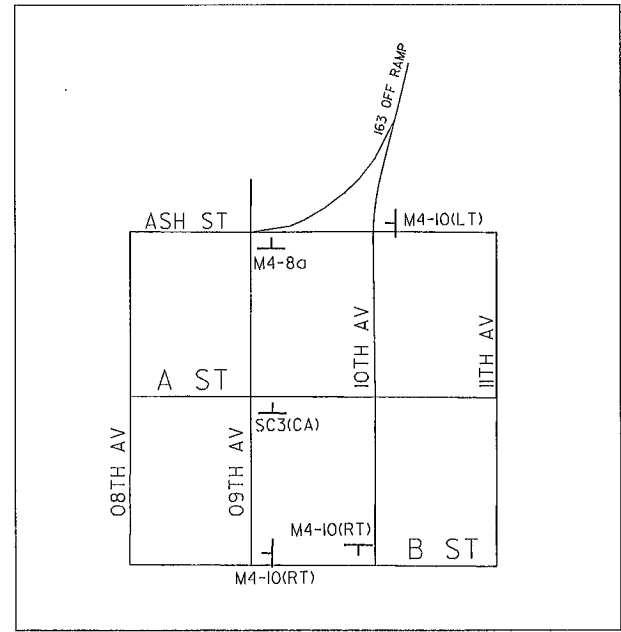
- TRENCHING

APPROVED ENCROACHMENT PERMIT PLAN

Permit No.: 1121NTR0710

Date: MAR 29 2013

DETOUR MAP



RECEIVED

FEB 15 2013

CALTRANS-PERMIT

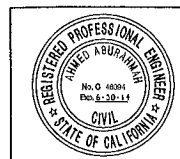
TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (855-495-4741) A MINIMUM OF 5 (FIVE) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.
TRAFFIC SIGNAL TO REMAIN OPERATIONAL

T-4

ASH STREET @ 9TH AVENUE
TRAFFIC CONTROL

CITY OF SAN DIEGO, CALIFORNIA
ENGINEERING AND CAPITAL PROJECTS DEPARTMENT
SHEET 4 OF 7 SHEETS

FOR CITY ENGINEER	DATE	WBS	8-10198
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	CS		
PROJECT ENGINEER			JIE XIAO
PROJECT ENGINEER			CORSON SMITH
COSBY COORDINATE			202-1719
COSBY COORDINATE			1842444-6280407
CONTRACTOR			29619-T4-D
INSPECTOR			



TRAFFIC CONTROL

PHASE III

- CURB RAMP
- TRAFFIC SIGNAL MAST ARM

MATCHLINE
BELOW LEFT

MATCHLINE
ABOVE RIGHT

465'
TAPER

400'
BUFFER

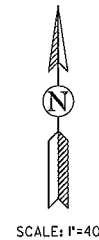
APPROVED ENCROACHMENT PERMIT PLAN

Permit No.: 112 NTK 0710

Date: MAR 29 2013

Date: _____

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL
COORDINATE WITH TRAFFIC CONTROL AND
SIGNAL SECTION (858-495-1741) A MINIMUM OF
5 (FIVE) WORKING DAYS PRIOR TO WORK
AFFECTING A TRAFFIC SIGNAL.
TRAFFIC SIGNAL TO REMAIN OPERATIONAL



SCALE: 1"=40'

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FEB 15 2013

CALTRANS-PERMIT

T-5

ASH STREET @ 9TH AVENUE
TRAFFIC CONTROL

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 5 OF 7 SHEETS					WBS <u>B-10198</u>
FOR CITY ENGINEER	DATE	APPROVED	DATE	FILMED	DESIGNED BY JIE XIAO ASSOCIATE ENGINEER
DESCRIPTION ORIGINAL	BY CS	APPROVED	DATE	FILMED	DRAWN BY CORSON SMITH PROJECT ENGINEER
					202-1719 CC827 COORDINATE
					1842444-6280407 CC893 COORDINATE
CONTRACTOR	DATE STARTED	INSPECTOR	DATE COMPLETED		29619-T5-D



TRAFFIC CONTROL

PHASE IV

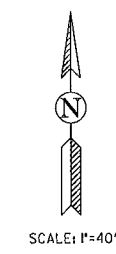
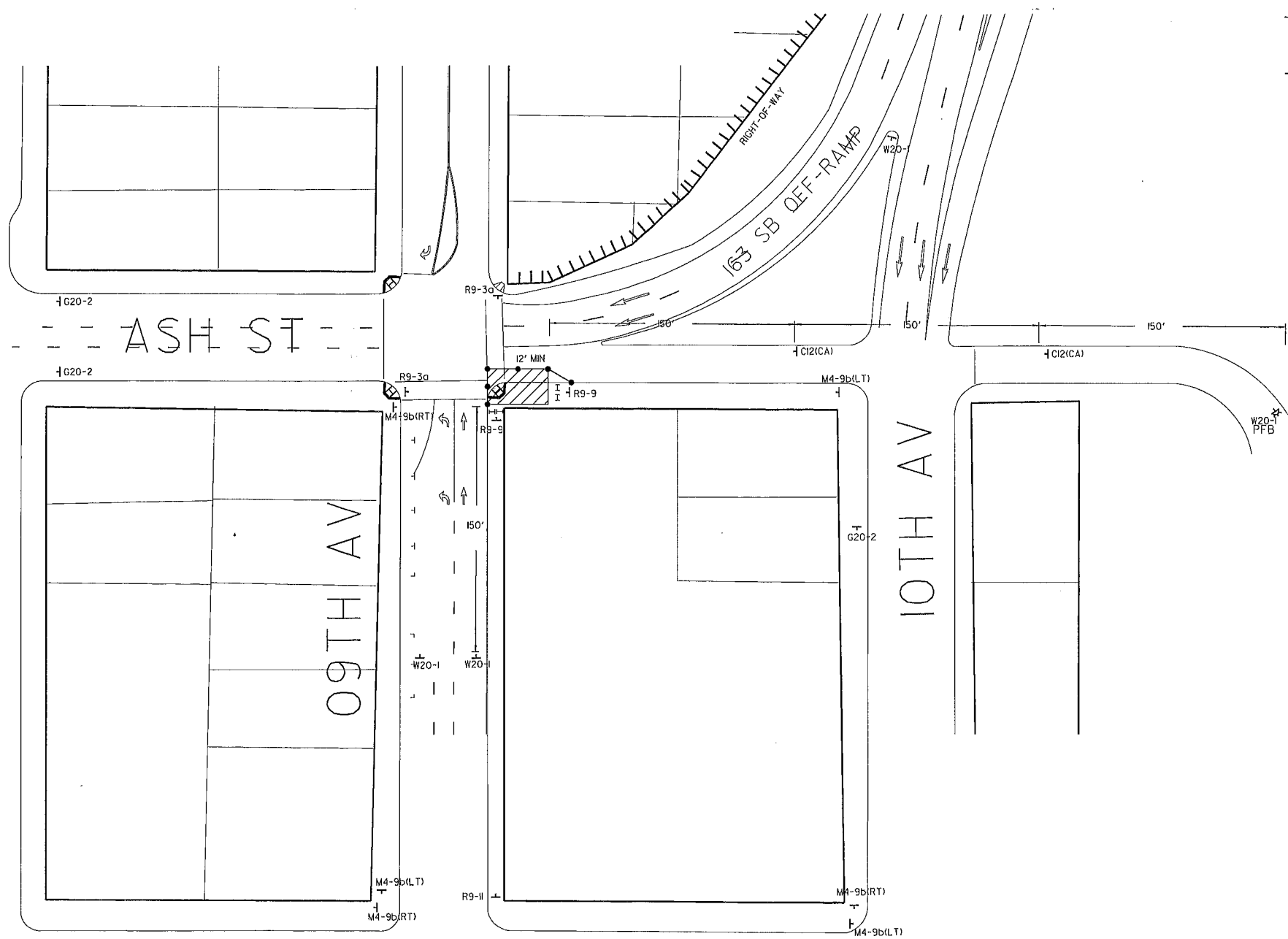
- CURB RAMP
- TRAFFIC SIGNAL SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD

APPROVED ENCROACHMENT PERMIT PLAN

Permit No.: 1112 NTK0710

Date: MAR 29 2013

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (658-495-1741) A MINIMUM OF 5 (FIVE) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.
TRAFFIC SIGNAL TO REMAIN OPERATIONAL



RECEIVED

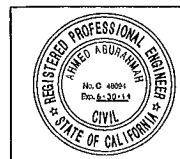
FEB 15 2013

CALTRANS-PERMIT

T-6

ASH STREET @ 9TH AVENUE
TRAFFIC CONTROL

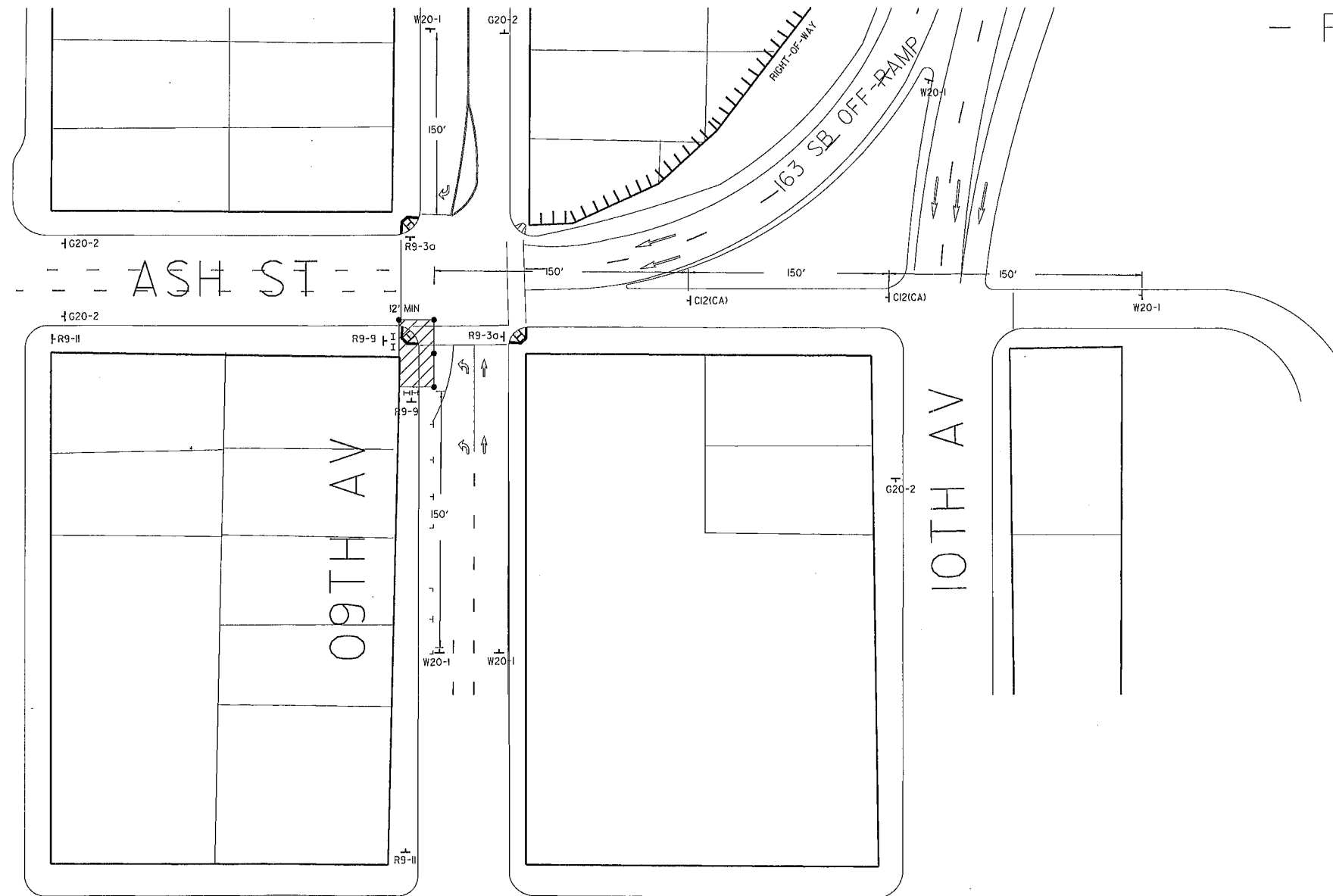
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 6 OF 7 SHEETS		WBS	B-10198
FOR CITY ENGINEER	DATE	APPROVED BY	JIE XIAO ASSOCIATE ENGINEER
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	CS		
ORDERED BY			CORSON SMITH PROJECT ENGINEER
DATE			202-1719
COORDINATOR			CC827
CONTRACTOR			1842444-6280407
INSPECTOR			CC813
DATE STARTED			29619-T6-D
DATE COMPLETED			



TRAFFIC CONTROL

PHASE V

- CURB RAMP
- TRAFFIC SIGNAL SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD

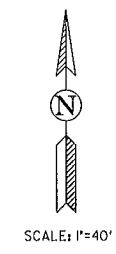


TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858-495-4741) A MINIMUM OF 5 (FIVE) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.
TRAFFIC SIGNAL TO REMAIN OPERATIONAL

APPROVED ENCROACHMENT PERMIT PLAN

Permit No.: 1112 NTK 0710

Date: MAR 29 2013



RECEIVED

FEB 15 2013

CALTRANS-PERMIT

T-7

ASH STREET @ 9TH AVENUE
TRAFFIC CONTROL

CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 7 OF 7 SHEETS		WBS	B-10198
APPROVED FOR CITY ENGINEER	DATE	WBS	B-10198
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	CS		
REGISTERED PROFESSIONAL ENGINEER No. 0-4904 Exp. 8-31-14 CIVIL		ASSOCIATE ENGINEER JIE XIAO PROJECT ENGINEER CORSON SMITH 202-1719 CCS27 COORDINATE 1842444-6280407 CCS18 COORDINATE	
CONTRACTOR	DATE STARTED	29619-T7-D	
INSPECTOR	DATE COMPLETED		

TRAFFIC CONTROL

City of San Diego

CONTRACTOR'S NAME: Perry Elec. Co.
 ADDRESS: _____
 TELEPHONE NO.: _____ FAX NO.: _____
 CITY CONTACT: Clementina Giordano, Contract Specialist, Email: Cgiordano@sandiego.gov
Phone No. (619) 533-3481, Fax No. (619) 533-3633
J.Xiao/AR/egz

CONTRACT DOCUMENTS



FOR

**ASH STREET TRAFFIC SIGNAL MODIFICATION AT 2ND, 3RD,
7TH AND 9TH AVENUE**

VOLUME 2 OF 2

BID NO.: L-14-5815-DBB-2
 SAP NO. (WBS/IO/CC): B-10198
 CLIENT DEPARTMENT: 2116
 COUNCIL DISTRICT: 2
 PROJECT TYPE: IL

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- COMPETITION RESTRICTED TO: SLBE-ELBE or ELBE FIRMS ONLY.
- PREVAILING WAGE RATES: STATE FEDERAL

THIS BIDDING DOCUMENT TO BE SUBMITTED IN ITS ENTIRETY REFER TO VOLUME 1 COVER PAGE FOR TIME, DATE, AND LOCATION

TABLE OF CONTENTS

Volume 2 - Bidding Documents

The following forms must be completed in their entirety and submitted with the Bid. Include the form(s) even if the information does not apply. Where the information does not apply write in N/A. Failure to include any of the forms may cause the Bid to be deemed **non-responsive**. If you are uncertain or have any questions about any required information, contact the City no later than 14 days prior to Bid due date.

1. Bid/Proposal.....	3
2. Bid Bond.....	7
3. Non-Collusion Affidavit to be executed by Bidder and Submitted with Bid under 23 USC 112 and PCC 7106	8
4. Contractors Certification of Pending Actions.....	9
5. Equal Benefits Ordinance Certification of Compliance.....	10
6. Proposal (Bid).....	11
7. Form AA35 - List of Subcontractors	16
8. Form AA40 - Named Equipment/Material Supplier List	17

BIDDING DOCUMENTS

PROPOSAL

Bidder's General Information

To the City of San Diego:

Pursuant to "Notice Inviting Bids", specifications, and requirements on file with the City Clerk, and subject to all provisions of the Charter and Ordinances of the City of San Diego and applicable laws and regulations of the United States and the State of California, the undersigned hereby proposes to furnish to the City of San Diego, complete at the prices stated herein, the items or services hereinafter mentioned. The undersigned further warrants that this bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

The undersigned bidder(s) further warrants that bidder(s) has thoroughly examined and understands the entire Contract Documents (plans and specifications) and the Bidding Documents therefore, and that by submitting said Bidding Documents as its bid proposal, bidder(s) acknowledges and is bound by the entire Contract Documents, including any addenda issued thereto, as such Contract Documents incorporated by reference in the Bidding Documents.

IF A SOLE OWNER OR SOLE CONTRACTOR SIGN HERE:

- (1) Name under which business is conducted _____
- (2) Signature (Given and surname) of proprietor _____
- (3) Place of Business (Street & Number) _____
- (4) City and State _____ Zip Code _____
- (5) Telephone No. _____ Facsimile No. _____

BIDDING DOCUMENTS

IF A PARTNERSHIP, SIGN HERE:


- (1) Name under which business is conducted _____
- (2) Name of each member of partnership, indicate character of each partner, general or special (limited):

- (3) Signature (Note: Signature must be made by a general partner)

Full Name and Character of partner

- (4) Place of Business (Street & Number) _____
- (5) City and State _____ Zip Code _____
- (6) Telephone No. _____ Facsimile No. _____

IF A CORPORATION, SIGN HERE:

- (1) Name under which business is conducted T&M Electric, Inc. DBA Perry Electric
- (2) Signature, with official title of officer authorized to sign for the corporation:


(Signature)
Todd Perry

(Printed Name)
President

(Title of Officer)

(Impress Corporate Seal Here)
- (3) Incorporated under the laws of the State of California
- (4) Place of Business (Street & Number) P.O. Box 710180
- (5) City and State Santee, CA Zip Code 92072
- (6) Telephone No. (619) 449-0045 Facsimile No. (619) 449-0511

BIDDING DOCUMENTS

THE FOLLOWING SECTIONS MUST BE FILLED IN BY ALL PROPOSERS:

In accordance with the "NOTICE INVITING BIDS", the bidder holds a California State Contractor's license for the following classification(s) to perform the work described in these specifications:

LICENSE CLASSIFICATION C-10

LICENSE NO. 747931 EXPIRES April 30 2014

This license classification must also be shown on the front of the bid envelope. Failure to show license classification on the bid envelope may cause return of the bid unopened.


TAX IDENTIFICATION NUMBER (TIN): XXXXXXXXXX

E-Mail Address: perryelectric11@aol.com

BIDDING DOCUMENTS

THIS PROPOSAL MUST BE NOTARIZED BELOW:

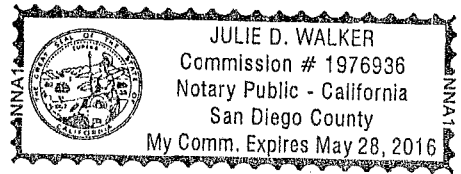
I certify, under penalty of perjury, that the representations made herein regarding my State Contractor's license number, classification and expiration date are true and correct.

Signature  Title Todd Perry
President

SUBSCRIBED AND SWORN TO BEFORE ME, THIS 22nd DAY OF Oct., 2013.

Notary Public in and for the County of San Diego, State of California


(NOTARIAL SEAL)



BIDDING DOCUMENTS

BID BOND

KNOW ALL MEN BY THESE PRESENTS,

That T & M ELECTRIC, INC. DBA: PERRY ELECTRIC as Principal, and SURETEC INSURANCE COMPANY as Surety, are held and firmly bound unto The City of San Diego hereinafter called "OWNER," in the sum of **10% OF THE TOTAL BID AMOUNT** for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has submitted a Bid to said OWNER to perform the WORK required under the bidding schedule(s) of the OWNER's Contract Documents entitled

ASH STREET TRAFFIC SIGNAL MODIFICATION AT 2ND, 3RD, 7TH AND 9TH AVENUE

NOW THEREFORE, if said Principal is awarded a contract by said OWNER and, within the time and in the manner required in the "Notice Inviting Bids" enters into a written Agreement on the form of agreement bound with said Contract Documents, furnishes the required certificates of insurance, and furnishes the required Performance Bond and Payment Bond, then this obligation shall be null and void, otherwise it shall remain in full force and effect. In the event suit is brought upon this bond by said OWNER and OWNER prevails, said Surety shall pay all costs incurred by said OWNER in such suit, including a reasonable attorney's fee to be fixed by the court.

SIGNED AND SEALED, this 17TH day of OCTOBER, 2013

T & M ELECTRIC, INC.

DBA: PERRY ELECTRIC _____ (SEAL)
(Principal)

SURETEC INSURANCE COMPANY (SEAL)
(Surety)

By: 
(Signature)

By: 
(Signature)

TODD PERRY, PRESIDENT

MARK D. IATAROLA, ATTORNEY-IN-FACT

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

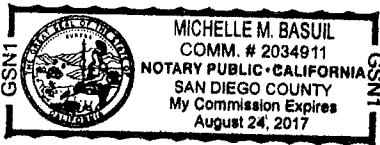
STATE OF CALIFORNIA

County of SAN DIEGO }

On 10/17/2013 before me, MICHELLE M. BASUIL, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared MARK D. IATAROLA
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity(~~ies~~), and that by his/~~her~~/~~their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.



Place Notary Seal Above

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

Witness my hand and official seal.

Signature Michelle M. Basuil
Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: BID BOND

Document Date: 10/17/2013 Number of Pages: 1

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: MARK D. IATAROLA

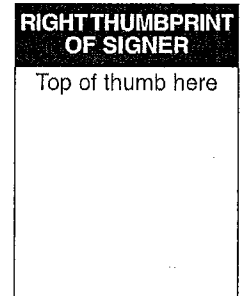
- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing:

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing:

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

Michelle M. Basuil, Glenda J. Gardner, Helen Maloney, Mark D. Iatarola, John G. Maloney

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Five Million and 00/100 Dollars (\$5,000,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment shall continue in force until 10/31/2015 and is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 21st day of March, A.D. 2013.

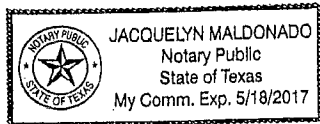
SURETEC INSURANCE COMPANY

By: [Signature]
John Knox Jr., President



State of Texas ss:
County of Harris

On this 21st day of March, A.D. 2013 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



[Signature]
Jacquelyn Maldonado, Notary Public
My commission expires May 18, 2017

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 17TH day of OCTOBER 2013, A.D.

[Signature]
M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

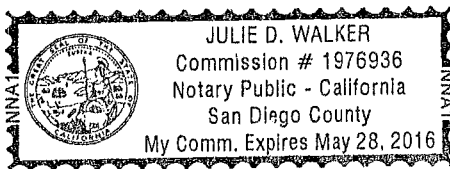
BIDDING DOCUMENTS

NON-COLLUSION AFFIDAVIT TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID UNDER 23 UNITED STATES CODE 112 AND PUBLIC CONTRACT CODE 7106

State of California)
County of San Diego) ss.

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

Signed: [Signature]
Title: Todd Perry, President



Subscribed and sworn to before me this 22 day of Oct., 2013

[Signature]
Notary Public

(SEAL)

BIDDING DOCUMENTS

CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid or proposal (Non-Price Proposal in the case of Design-Build contracts), the Bidder shall provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Bidder in a legal or administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

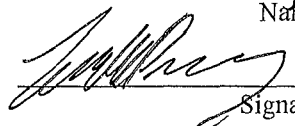
CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Bidder has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers.
- The undersigned certifies that within the past 10 years the Bidder has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Bidder discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/REMEDIAL ACTION TAKEN
N/A	N/A	N/A	N/A	N/A	N/A

Contractor Name: T&M Electric, Inc. DBA Perry Electric

Certified By Todd Perry Title President
Name

 Date 10-22-13
Signature

USE ADDITIONAL FORMS AS NECESSARY

BIDDING DOCUMENTS

**EQUAL BENEFITS ORDINANCE
CERTIFICATION OF COMPLIANCE**



For additional information, contact:
CITY OF SAN DIEGO
EQUAL BENEFITS PROGRAM
 202 C Street, MS 9A, San Diego, CA 92101
 Phone (619) 533-3948 Fax (619) 533-3220

COMPANY INFORMATION

Company Name: T+MElectric, Inc. DBA Perry Electric Contact Name: Todd Perry
 Company Address: P.O. Box 710130, Santee, CA 92072 Contact Phone: (619) 449-0045
 Contact Email: perryelectric

CONTRACT INFORMATION

Contract Title: Ash Street Traffic Signal Modification Start Date:
 Contract Number (if no number, state location): End Date:

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

The Equal Benefits Ordinance [EBO] requires the City to enter into contracts only with contractors who certify they will provide and maintain equal benefits as defined in SDMC §22.4302 for the duration of the contract. To comply:

- Contractor shall offer equal benefits to employees with spouses and employees with domestic partners.
 - Benefits include health, dental, vision insurance; pension/401(k) plans; bereavement, family, parental leave; discounts, child care; travel/relocation expenses; employee assistance programs; credit union membership; or any other benefit.
 - Any benefit not offer an employee with a spouse, is not required to be offered to an employee with a domestic partner.
- Contractor shall post notice of firm's equal benefits policy in the workplace and notify employees at time of hire and during open enrollment periods.
- Contractor shall allow City access to records, when requested, to confirm compliance with EBO requirements.
- Contractor shall submit *EBO Certification of Compliance*, signed under penalty of perjury, prior to award of contract.

NOTE: This summary is provided for convenience. Full text of the EBO and Rules Implementing the EBO are available at www.sandiego.gov/administration.

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

Please indicate your firm's compliance status with the EBO. The City may request supporting documentation.

- I affirm compliance with the EBO because my firm (*contractor must select one reason*):
- Provides equal benefits to spouses and domestic partners.
 - Provides no benefits to spouses or domestic partners.
 - Has no employees.
 - Has collective bargaining agreement(s) in place prior to January 1, 2011, that has not been renewed or expired.

I request the City's approval to pay affected employees a cash equivalent in lieu of equal benefits and verify my firm made a reasonable effort but is not able to provide equal benefits upon contract award. I agree to notify employees of the availability of a cash equivalent for benefits available to spouses but not domestic partners and to continue to make every reasonable effort to extend all available benefits to domestic partners.

It is unlawful for any contractor to knowingly submit any false information to the City regarding equal benefits or cash equivalent associated with the execution, award, amendment, or administration of any contract. [San Diego Municipal Code §22.4307(a)]

Under penalty of perjury under laws of the State of California, I certify the above information is true and correct. I further certify that my firm understands the requirements of the Equal Benefits Ordinance and will provide and maintain equal benefits for the duration of the contract or pay a cash equivalent if authorized by the City.

Todd Perry, President

Name/Title of Signatory

Signature

FOR OFFICIAL CITY USE ONLY

Receipt Date: EBO Analyst: Approved Not Approved – Reason:

rev 02/15/2011

BIDDING DOCUMENTS

PROPOSAL (BID)

The Bidder agrees to the construction of Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue, for the City of San Diego, in accordance with these contract documents for the prices listed below. The Bidder guarantees the Contract Price for a period of 120 days (90 days for federally funded contracts and contracts valued at \$500,000 or less) from the date of Bid opening to Award of the Contract. The duration of the Contract Price guarantee shall be extended by the number of days required for the City to obtain all items necessary to fulfill all conditions precedent e.g., bond and insurance.

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
1.	1	LS	524126	2-4.1	Bonds (Payment and Performance)	XXXXXX	\$ 4,700.00
2.	1	AL	237310	7-5.3	Caltrans Inspection Deposit Fee	XXXXXX	\$2,050.00
3.	1	LS	237310	7-10.2.7	Traffic Control	XXXXXX	\$3,000.00
4.	9	EA	238210	9-3.1	Install Mast-arm Mounted Sign	\$ 300.00	\$2,700.00
5.	9	EA	238210	9-3.1	Install Sign on Signal Pole	\$300.00	\$2,700.00
6.	1	EA	238210	9-3.1	Install New Sign and Post	\$450.00	\$ 450.00
7.	1	EA	238210	9-3.1	Remove Sign and Post	\$300.00	\$300.00
8.	1	AL		9-3.5	Field Orders - Type II	XXXXXX	\$14,000.00
9.	8	EA	237310	303-5.10.2	Type A Curb Ramp with Detectable Warning Tiles	\$3,300.00	\$26,400.00
10.	16	EA	238210	307-2	85 W Induction Luminaire with HEB-AA Single Fuse Holder	\$1,100.00	\$17,600.00
11.	297	LF	238210	307-2	2" PVC Conduit	\$24.00	\$7,128.00
12.	655	LF	238210	307-2	3" PVC Conduit	\$27.00	\$17,685.00
13.	2,075	LF	238210	307-2	12-Conductor Cable	\$2.15	\$4,461.25
14.	590	LF	238210	307-2	#6 Conductor	\$1.25	\$ 737.50
15.	1,760	LF	238210	307-2	#8 Conductor	\$1.00	\$1,760.00
16.	3,520	LF	238210	307-2	#10 Conductor	\$1.00	\$3,520.00
17.	1,505	LF	238210	307-2	EVPE Lead-in Cable	\$1.00	\$1,505.00

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
18.	4	EA	238210	307-2	NO. 5 Pull Box	\$275.00	\$1,100.00
19.	13	EA	238210	307-2	NO. 6 Pull Box	\$300.00	\$3,900.00
20.	2	EA	238210	307-2	Type 1-A Pole (10') and Foundation	\$3,400.00	\$6,800.00
21.	1	EA	238210	307-2	Type 15TS Pole	\$6,000.00	\$6,000.00
22.	1	EA	238210	307-2	Type 17-2-100 Pole and Foundation with 15' Signal Mast Arm	\$9,500.00	\$9,500.00
23.	1	EA	238210	307-2	Type 17-2-100 Pole and Foundation with 20' Signal Mast Arm	\$9,500.00	\$9,500.00
24.	1	EA	238210	307-2	Type 19-1-100 Pole and Foundation with 30' Signal Mast Arm	\$9,500.00	\$9,500.00
25.	1	EA	238210	307-2	Type 19-2-100 Pole and Foundation with 25' Signal Mast Arm	\$10,500.00	\$10,500.00
26.	4	EA	238210	307-2	Type 19-2-100 Pole and Foundation with 30' Signal Mast Arm	\$10,700.00	\$42,800.00
27.	1	EA	238210	307-2	Type 19-3-100 Pole and Foundation with 30' Signal Mast Arm	\$11,500.00	\$11,500.00
28.	3	EA	238210	307-2	12" MAS Vehicular Signal (3-Section Head with Programmed Visibility), with Framework	\$3,200.00	\$9,600.00
29.	6	EA	238210	307-2	12" MAS Vehicular Signal (3-Section Head) with Framework	\$1,000.00	\$6,000.00
30.	1	EA	238210	307-2	12" SV-2-TB Vehicular Signal (3-Section Head) with Framework	\$1,600.00	\$1,600.00
31.	11	EA	238210	307-2	12" SV-1-T Vehicular Signal (3-Section Head) with Framework	\$1,100.00	\$12,100.00
32.	2	EA	238210	307-2	12" TV-1-T Vehicular Signal (3-Section Head) with Framework	\$1,100.00	\$2,200.00

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
33.	1	EA	238210	307-2	12" TV-2-T Vehicular Signal (3-Section Head) with Framework	\$1,500.00	\$1,500.00
34.	6	EA	238210	307-2	SP-1-T Pedestrian Signal	\$ 900.00	\$5,400.00
35.	13	EA	238210	307-2	SP-2-T Pedestrian Signal	\$1,100.00	\$14,300.00
36.	2	EA	238210	307-2	EVPE Bi-Directional Detector	\$3,500.00	\$ 7,000.00
37.	6	EA	238210	307-2	EVPE Detector (Single)	\$3,200.00	\$19,200.00
38.	3	EA	238210	307-2	Type III Electrical Service Meter Pedestal	\$4,100.00	\$12,300.00
39.	2	EA	238210	307-2	Install Pedestrian Count Down Timer Module on Existing Pedestrian Indication Housing	\$ 625.00	\$1,050.00
40.	4	EA	237310	307-2	Install Conduit into Existing Pull Box (CB)	\$250.00	\$1,000.00
41.	9	EA	237310	307-2	Remove and Salvage Existing Type 15TS Pole, Mast Arms, Foundation and Signal Equipments	\$1,500.00	\$13,500.00
42.	4	EA	237310	307-2	Remove and Salvage Existing Type 1-A/F51 Pole, Foundation and Equipments	\$2,000.00	\$ 8,000.00
43.	6	EA	237310	307-2	Remove and Salvage HPS Street Light Luminaire	\$250.00	\$1,500.00
44.	6	EA	237310	307-2	Remove and Salvage Signal or Pedestrian Indication on Signal Pole	\$200.00	\$1,200.00
45.	2	EA	238210	307-2	Remove and Salvage Existing Electric Meter on Signal Pole	\$200.00	\$ 400.00
46.	860	LF	237310	314-4.4.6	Remove by Grinding Existing Crosswalk and Install 12" Thermoplastic Yellow or White Crosswalk Line per Plan	\$ 6.50	\$ 5,590.00
47.	152	LF	237310	314-4.4.6	Remove by Grinding Existing Limit Line and Install 12" Thermoplastic White Limit Line per Plan	\$ 6.50	\$ 988.00
48.	1	LS	541330	701-13.9.5	Water Pollution Control Program Development	XXXXXXXXXX	\$ 500.00

BIDDING DOCUMENTS

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
49.	1	LS	237990	701-13.9.5	Water Pollution Control Program Implementation	 	\$ 1,000.00
ESTIMATED TOTAL BASE BID:							\$347,724.75

TOTAL BID PRICE FOR BID (Items 1 through 49 inclusive) amount written in words:

Three Hundred Forty Seven Thousand Seven Hundred Twenty Four Dollars and Seventy Five cents

The Bid shall contain an acknowledgment of receipt of all addenda, the numbers of which shall be filled in on the Bid form. If an addendum or addenda has been issued by the City and not noted as being received by the Bidder, this proposal shall be rejected as being **non-responsive**. The following addenda have been received and are acknowledged in this bid: N/A

The names of all persons interested in the foregoing proposal as principals are as follows:

Todd Perry, President

IMPORTANT NOTICE: If Bidder or other interested person is a corporation, state secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners composing firm; if Bidder or other interested person is an individual, state first and last names in full.

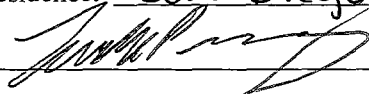
Bidder: T & M Electric, Inc. DBA Perry Electric

Title: Todd Perry, President

Business Address: P.O. Box 710130

Place of Business: Santee, CA 92072

Place of Residence: San Diego County

Signature: 

BIDDING DOCUMENTS

NOTES:

- A. The City shall determine the low Bid based on the Base Bid alone.
- B. Prices and notations shall be in ink or typewritten. All corrections (which have been initiated by the Bidder using erasures, strike out, line out, or "white-out") shall be typed or written in with ink adjacent thereto, and shall be initialed in ink by the person signing the bid proposal.
- C. Failure to initial all corrections made in the bidding documents shall cause the Bid to be rejected as **non-responsive** and ineligible for further consideration.
- D. Blank spaces must be filled in, using figures. Bidder's failure to submit a price for any Bid item that requires the Bidder to submit a price shall render the Bid **non-responsive** and shall be cause for its rejection.
- E. Unit prices shall be entered for all unit price items. Unit prices shall not exceed two (2) decimal places. If the Unit prices entered exceed two (2) decimal places, the City will only use the first two digits after the decimal points without rounding up or down.
- F. All extensions of the unit prices bid will be subject to verification by the City. In the case of inconsistency or conflict between the product of the Quantity x Unit Price and the Extension, the product shall govern.
- G. In the case of inconsistency or conflict, between the sums of the Extensions with the estimated total Bid, the sum of the Extensions shall govern.
- H. Bids shall not contain any recapitulation of the Work. Conditional Bids will be rejected as being **non-responsive**. Alternative proposals will not be considered unless called for.

BIDDING DOCUMENTS

LIST OF SUBCONTRACTORS

In accordance with the requirements provided in the "Subletting and Subcontracting Fair Practices Act", Division 2, Part 1, Chapter 4 of the Public Contract Code, the Bidder shall list below the name and address of each Subcontractor who will perform work, labor, render services or specially fabricates and installs a portion [type] of the work or improvement, in an amount in excess of 0.5% of the Contractor's total Bid. The Bidder shall also list below the portion of the work which will be done by each subcontractor under this Contract. The Contractor shall list only one Subcontractor for each portion of the Work. The **DOLLAR VALUE** of the total Bid to be performed shall be stated for all subcontractors listed. Failure to comply with this requirement shall result in the Bid being rejected as **non-responsive** and ineligible for award. The Bidder's attention is directed to the Special Provisions - General; Paragraph 2-3 Subcontracts, which stipulates the percent of the Work to be performed with the Bidders' own forces. The Bidder shall list all SLBE, ELBE, DBE, DVBE, MBE, WBE, OBE, SDB, WoSB, HUBZone, and SDVOSB Subcontractors that Bidders are seeking recognition towards achieving any mandatory, voluntary, or both subcontracting participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>Portillo Concrete, Inc.</u> Address: <u>3527 Citrus Street</u> City: <u>Lemon Grove</u> State: <u>CA</u> Zip: <u>91945</u> Phone: <u>619-466-4639</u>	Constructor	concrete ramps & asphalt	\$32,400.00	DBE SMBE SDB	City	
Name: <u>LSI Road Marking</u> Address: <u>PO Box 2428</u> City: <u>El Cajon</u> State: <u>CA</u> Zip: <u>92021</u> Phone: <u>619-443-7755</u>	constructor	remove & replace Thermoplastic	\$7,038.00	ELBE	City	
Name: <u>TerraWest, Inc.</u> Address: <u>1061 TierradelRay, Ste 204</u> City: <u>Chula Vista</u> State: <u>CA</u> Zip: <u>91910</u> Phone: <u>619-591-1007</u>	Designer	water pollution	\$490.00	SLBE DBE	City	

- ① As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):
- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
| Other Business Enterprise | OBE | Certified Emerging Local Business Enterprise | ELBE |
| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |
- ② As appropriate, Bidder shall indicate if Subcontractor is certified by:
- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | San Diego Regional Minority Supplier Diversity Council | SRMSDC |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

0.1147
CW

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification.

Form Title: LIST OF SUBCONTRACTORS

(Rev. July 2012)

Form Number: AA35

Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue

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BIDDING DOCUMENTS

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

The Bidder seeking the recognition of equipment, materials, or supplies obtained from Suppliers towards achieving any mandatory, voluntary, or both subcontracting participation percentages shall list the Supplier(s) on the Named Equipment/Material Supplier List. The Named Equipment/Material Supplier List, at a minimum, shall have the name, locations (City) and the **DOLLAR VALUE** of the Suppliers. The Bidder will be credited up to 60% of the amount to be paid to the Suppliers for such materials and supplies unless vendor manufactures or substantially alters materials and supplies in which case 100% will be credited. The Bidder is to indicate (Yes/No) whether listed firm is a supplier or manufacturer. In calculating the subcontractor participation percentages, vendors/suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed dollar value for purposes of calculating the Subcontractor Participation Percentage, Suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **DOLLAR VALUE** for purposes of calculating the subcontractor participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF VENDOR/SUPPLIER	MATERIALS OR SUPPLIES	DOLLAR VALUE OF MATERIAL OR SUPPLIES	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED
Name: <u>McCain Manufacturing</u> Address: <u>2365 Oak Ridge Way</u> City: <u>Vista</u> State: <u>CA</u> Zip: <u>92081</u> Phone: <u>760-597-7100</u>	Supplies	\$133,584.00	No	Yes	N/A	N/A
Name: <u>C.E.S.</u> Address: <u>10729 Wneatlands Ave Ste A</u> City: <u>Santee</u> State: <u>CA</u> Zip: <u>92071</u> Phone: <u>619-258-9710</u>	Supplies	\$9846.44	Yes	No	N/A	N/A
Name: <u>Robertson's</u> Address: <u>200 S. Main St. Ste. 200</u> City: <u>Corona</u> State: <u>CA</u> Zip: <u>92878</u> Phone: <u>800-834-7557</u>	Material	\$8000.00	Yes	Yes	N/A	N/A

- ① As appropriate, Bidder shall identify Vendor/Supplier as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):
- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
| Other Business Enterprise | OBE | Certified Emerging Local Business Enterprise | ELBE |
| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |
- ② As appropriate, Bidder shall indicate if Vendor/Supplier is certified by:
- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | San Diego Regional Minority Supplier Diversity Council | SRMSDC |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification.

Form Title: NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

(Rev. July 2012)

Form Number: AA40

Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue

BIDDING DOCUMENTS

NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

The Bidder seeking the recognition of equipment, materials, or supplies obtained from Suppliers towards achieving any mandatory, voluntary, or both subcontracting participation percentages shall list the Supplier(s) on the Named Equipment/Material Supplier List. The Named Equipment/Material Supplier List, at a minimum, shall have the name, locations (City) and the **DOLLAR VALUE** of the Suppliers. The Bidder will be credited up to 60% of the amount to be paid to the Suppliers for such materials and supplies unless vendor manufactures or substantially alters materials and supplies in which case 100% will be credited. The Bidder is to indicate (Yes/No) whether listed firm is a supplier or manufacturer. In calculating the subcontractor participation percentages, vendors/suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed dollar value for purposes of calculating the Subcontractor Participation Percentage, Suppliers will receive 60% credit of the listed **DOLLAR VALUE**, whereas manufacturers will receive 100% credit. If no indication provided, listed firm will be credited at 60% of the listed **DOLLAR VALUE** for purposes of calculating the subcontractor participation percentages.

NAME, ADDRESS AND TELEPHONE NUMBER OF VENDOR/SUPPLIER	MATERIALS OR SUPPLIES	DOLLAR VALUE OF MATERIAL OR SUPPLIES	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED
Name: <u>Minsheu Brothers Steel</u> Address: <u>12578 Vigilante Road</u> City: <u>Lakeside</u> State: <u>CA</u> Zip: <u>92040</u> Phone: <u>619-541-5700</u>	Materials	\$3,378.00	Yes	Yes	N/A	N/A
Name: <u>N/A</u> Address: _____ City: _____ State: _____ Zip: _____ Phone: _____	N/A	N/A	N/A	N/A	N/A	N/A
Name: <u>N/A</u> Address: _____ City: _____ State: _____ Zip: _____ Phone: _____	N/A	N/A	N/A	N/A	N/A	N/A

- ① As appropriate, Bidder shall identify Vendor/Supplier as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):
- | | | | |
|---|--------|--|---------|
| Certified Minority Business Enterprise | MBE | Certified Woman Business Enterprise | WBE |
| Certified Disadvantaged Business Enterprise | DBE | Certified Disabled Veteran Business Enterprise | DVBE |
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| Certified Small Local Business Enterprise | SLBE | Small Disadvantaged Business | SDB |
| Woman-Owned Small Business | WoSB | HUBZone Business | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB | | |
- ② As appropriate, Bidder shall indicate if Vendor/Supplier is certified by:
- | | | | |
|--|--------|--|----------|
| City of San Diego | CITY | State of California Department of Transportation | CALTRANS |
| California Public Utilities Commission | CPUC | San Diego Regional Minority Supplier Diversity Council | SRMSDC |
| State of California's Department of General Services | CADoGS | City of Los Angeles | LA |
| State of California | CA | U.S. Small Business Administration | SBA |

The Bidder will not receive any subcontracting participation percentages if the Bidder fails to submit the required proof of certification.

Form Title: NAMED EQUIPMENT/MATERIAL SUPPLIER LIST

(Rev. July 2012)

Form Number: AA40

Ash Street Traffic Signal Modification at 2nd, 3rd, 7th and 9th Avenue

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City of San Diego



Small Local Business Enterprise Certification

T&M Electric DBA Perry Electric
Small Local Business Enterprise (SLBE)
Specialty Construction (NAICS: 335129)
Certification Number: 11TMO131

Effective Date: 10/29/2012

Expiration Date: 10/29/2014

Debra Fischle-Faulk
Administration Department
Director

CITY OF SAN DIEGO PLANS FOR THE CONSTRUCTION OF TRAFFIC SIGNAL MODIFICATIONS - ASH STREET @ 2ND, 3RD, 7TH & 9TH AVENUES

GENERAL NOTE:

- 1 PULL BOXES AND CONDUIT:
 - 1a PULL BOXES ARE NO. 6, UNLESS OTHERWISE NOTED ON THIS PLAN.
 - 1b ALL CONDUIT DEPTH SHALL BE A MINIMUM OF 18" BELOW THE PAVEMENT SURFACE OR 3' BELOW THE BOTTOM OF THE PAVEMENT, WHICH EVER IS GREATER.
 - 1c CONDUIT SHALL BE 3" DIAMETER, UNLESS OTHERWISE NOTED IN THE CONDUCTOR TABLE OR AS SHOWN ON THIS PLAN.
- 2 LOCATIONS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE.
- 3 THE CONTRACTOR SHALL, PER SECTION 7-10.2.2 OF THE CONTRACT SPECIAL PROVISIONS, PREPARE TRAFFIC CONTROL PLANS AND SHALL CALL THE ENGINEERING TRAFFIC CONTROL SECTION, AT (858) 495-4741, FOR AN APPOINTMENT TO APPLY FOR A TRAFFIC CONTROL PLAN (TCP) PERMIT. THE CONTRACTOR SHALL ALLOW A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK FIVE (5) WORKING DAYS FOR STREET CLOSURES. UPON APPROVAL OF THE TRAFFIC CONTROL PLAN, THE ENGINEERING TRAFFIC CONTROL SECTION WILL ISSUE THE TCP PERMIT. WORK SHALL NOT BEGIN IN THE PUBLIC ROADWAY WITHOUT THE TCP PERMIT.
- 4 ALL TRAFFIC SIGNAL POLE FOUNDATIONS SHALL HAVE A 3" CONDUIT INSTALLED TO THE ADJACENT PULLBOX AND THE CONTROLLER FOUNDATION SHALL HAVE A SPARE 3" CONDUIT STUDIED OUT TO THE ADJACENT PULLBOX FOR FUTURE USE.
- 5 LOCATIONS, POSITIONING, AND INSTALLATION OF SIGNAL EQUIPMENT, LOOP DETECTORS, TRAFFIC SIGNS, TRAFFIC STRIPING, PAVEMENT AND CURB MARKINGS:
 - 5a) THE CONTRACTOR, WITH THE APPROVAL OF THE CITY RESIDENT ENGINEER, IS RESPONSIBLE FOR LOCATING, MARKING THE LAYOUT, AND INSTALLATION OF ALL SIGNAL AND LIGHTING EQUIPMENT.
 - 5b) THE CONTRACTOR, WITH THE APPROVAL OF THE CITY'S DESIGNATED TRAFFIC ENGINEER, IS RESPONSIBLE FOR LOCATING, MARKING THE LAYOUT, AND INSTALLATION OF ALL LOOP DETECTORS, TRAFFIC SIGNS (EXCEPT 'G' SERIES STREET NAME SIGNS), TRAFFIC STRIPING, PAVEMENT AND CURB MARKINGS.
 - 5c) THE CONTRACTOR SHALL OBTAIN APPROVAL FOR THE ITEMS NOTED IN 5a AND 5b PRIOR TO INSTALLATION.
 - 5d) AS SHOWN ON THIS PLAN, CONTRACTOR SHALL INSTALL 6" DIAMETER TYPE E LOOP DETECTORS, WITH 10' SPACING, AND CENTERED IN THE TRAVEL PORTION OF EACH LANE (UNLESS OTHERWISE NOTED).
 - 5e) THE CONTRACTOR SHALL NOT PERFORM ANY PARKING REMOVAL, UNTIL A MINIMUM OF FIFTEEN (15) WORKING DAYS AFTER THE LOCATION APPROVAL.
 - 5f) THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS BY SANDBLASTING/GRINDING (METHOD TO BE DETERMINED BY THE RESIDENT ENGINEER).
- 6 LOCATION AND ELEVATION IMPROVEMENTS TO BE MET BY 'WORK TO BE DONE' SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK.
- 7 ALL NEW STREET LIGHT AND TRAFFIC SIGNAL POLE TO BE INSTALLED SHALL MATCH THE 'CCDC BLUE' PLS6 1008F BLUE TGC BY SHERWIN WILLIAMS OR APPROVED EQUAL.

STORM WATER PROTECTION

THIS PROJECT IS SUBJECT TO THE MUNICIPAL STORM WATER PERMIT ORDER NO. R9-2007-0001 AND WPCP.

WATER POLLUTION CONTROL NOTES:

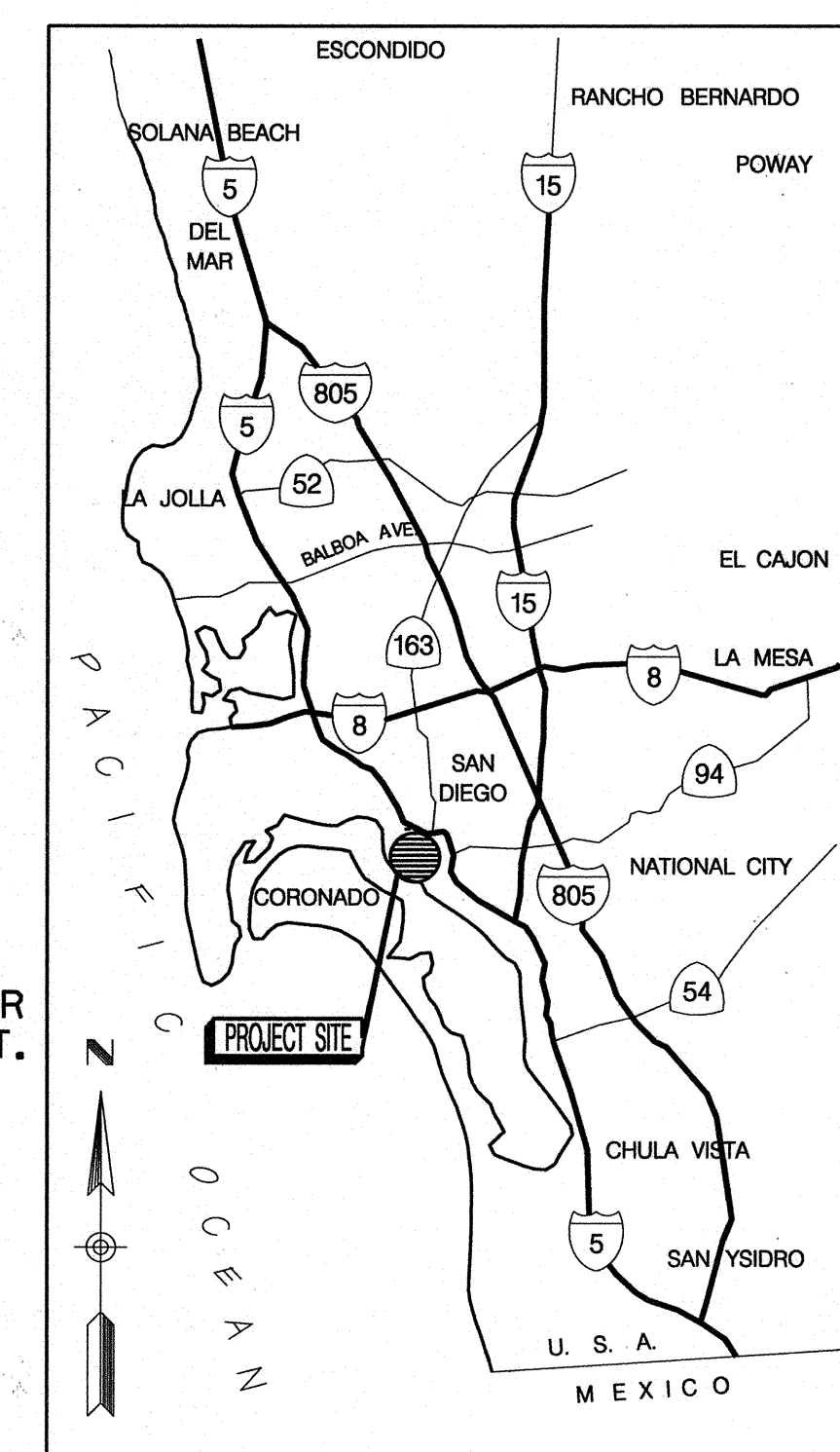
THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS NOTED IN THE GREENBOOK 2012 CITY SUPPLEMENT SEC. 701. THIS PROJECT IS REQUIRED TO DEVELOP AND IMPLEMENT A 'WATER POLLUTION CONTROL PLAN (WPCP).

STREET CLASSIFICATION:

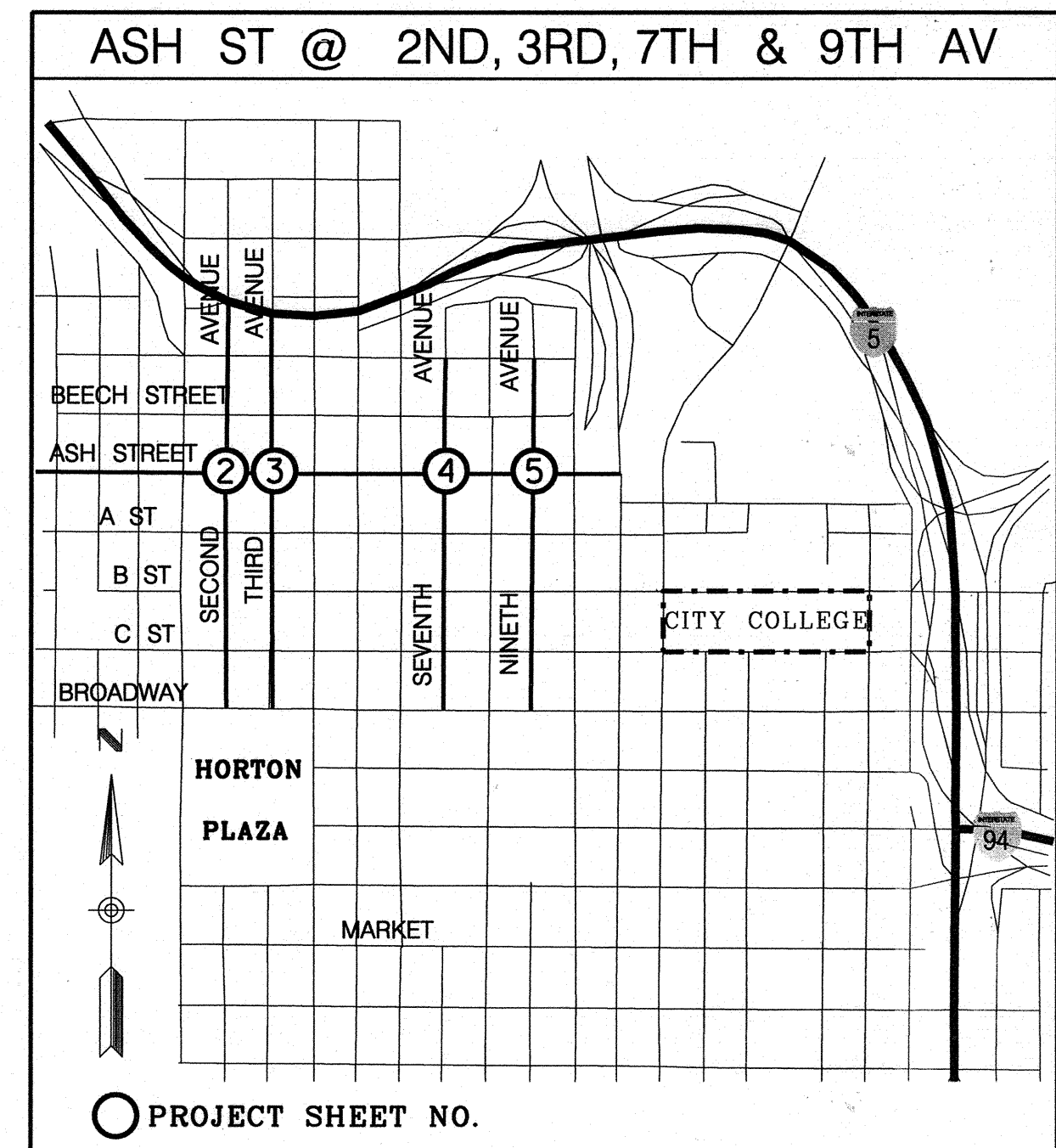
STREET NAME: ASH STREET
ADT = 17,500

SURVEY NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MONUMENTATION AND/OR BENCHMARKS WHICH WILL BE DISTURBED OR DESTROYED BY CONSTRUCTION. SUCH POINTS SHALL BE REFERENCED AND REPLACED WITH APPROPRIATE MONUMENTATION BY A LICENSED LAND SURVEYOR OR A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTISE LAND SURVEYING. A CORNER RECORD OR RECORD OF SURVEY, AS APPROPRIATE SHALL BE FILED BY THE LICENSED LAND SURVEYOR OR THE REGISTERED CIVIL ENGINEER AS REQUIRED BY THE LAND SURVEYOR'S ACT (BUSINESS AND PROFESSIONS (CODE 8771)).



VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

LIMITS OF WORK

SHEET NO.	DISCIPLINE CODE	TITLE	LIMITS
1	G-1	COVER SHEET	
2	E-1	TRAFFIC SIGNAL MODS	ASH STREET @ 2ND AVENUE
3	E-2	TRAFFIC SIGNAL MODS	ASH STREET @ 3RD AVENUE
4	E-3	TRAFFIC SIGNAL MODS	ASH STREET @ 7TH AVENUE
5	E-4	TRAFFIC SIGNAL MODS	ASH STREET @ 9TH AVENUE
T1	T-1	TRAFFIC CONTROL PLANS	ASH STREET @ 9TH AVENUE
T2	T-2	ASH STREET @ 9TH AVE	PHASE I - TRENCHING
T3	T-3	TRAFFIC CONTROL	PHASE I - TRENCHING
T4	T-4	TRAFFIC CONTROL	PHASE II - TRENCHING
T5	T-5	TRAFFIC CONTROL	PHASE III - TRENCHING
T6	T-6	TRAFFIC CONTROL	PHASE IV - TRENCHING
T7	T-7	TRAFFIC CONTROL	PHASE V - TRENCHING

DISCIPLINE CODE

- G GENERAL
- D DEMOLITION
- C CIVIL
- L LANDSCAPE
- A ARCHITECTURAL
- S STRUCTURAL
- M MECHANICAL
- E ELECTRICAL
- I INSTRUMENTATION
- T TRAFFIC CONTROL

WORK TO BE DONE

CONSTRUCTION CONSISTS OF THE INSTALLATION OF TRAFFIC SIGNAL AND STREET LIGHTING SYSTEMS MODIFICATIONS - ASH STREET AT 2ND, 3RD, 7TH AND 9TH AVENUES.

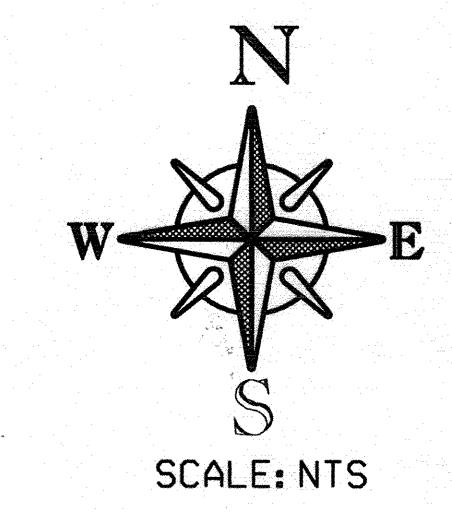
LEGENDS

IMPROVEMENT	STD. DWG.	SYMBOL
NEW EQUIPMENT	AS SHOWN	
REMOVED AND SALVAGED EQUIPMENT	AS SHOWN	
2"-3" CONDUIT	SDG-116, 117 & 118	
NO. 5 PULL BOX	CALTRANS ES-8	
CURB RAMP	SDG-132	
STEADY BURNING RED INDICATION LOUVER	AS SHOWN	
ELECTRIC METER	AS SHOWN	

EXISTING CONDITIONS IN LIGHTER HALF-TONE
PROPOSED CONDITIONS IN DARKER FULL-TONE

SIGN AND PAVEMENT MARKINGS:

REMOVE CONFLICTING STRIPING, LEGEND OR MARKING BY GRINDING.	AS SHOWN	
PROPOSED STRIPING	AS SHOWN	
PROPOSED TYPE IV ARROW	CALTRANS A24A	
PROPOSED STRIPING PER CALTRANS DETAILS	AS SHOWN	



CONSTRUCTION CHANGE / ADDENDUM			
CHANGE	DATE	AFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO.

WARNING
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

**CITY OF SAN DIEGO
PUBLIC WORKS PROJECT**



TEMPORARY BMP CONSTRUCTION SITE STORM WATER PRIORITY: HIGH ---- MEDIUM ---- LOW X_L SPEC. NO. 5815



G-1	
8/6/13	
PLANS FOR THE CONSTRUCTION OF TRAFFIC SIGNAL MODIFICATIONS ASH STREET AT 2ND, 3RD, 7TH AND 9TH AVENUES COVER SHEET	
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 1 OF 5 SHEETS	
WBS B-10198	
APPROVED BY: <i>A. Palasany</i> 8/21/13 FOR CITY ENGINEER DATE	
SUBMITTED BY: J. XIAO ASSOCIATE ENGINEER	
PROJECT ENGINEER: R. ABARABAR	
SEE SHEETS CCS27 COORDINATE SEE SHEETS CCS83 COORDINATE	
CONTRACTOR: _____ DATE STARTED: _____ INSPECTOR: _____ DATE COMPLETED: _____	
29619-1-D	

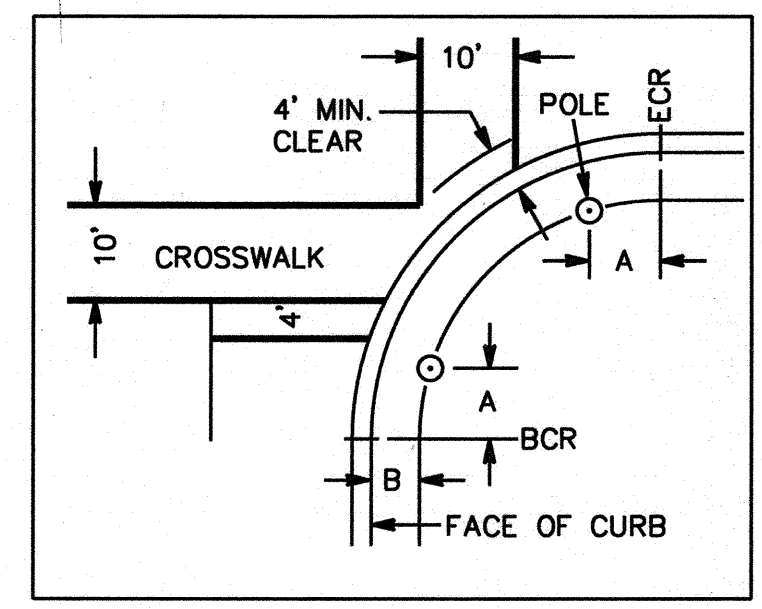
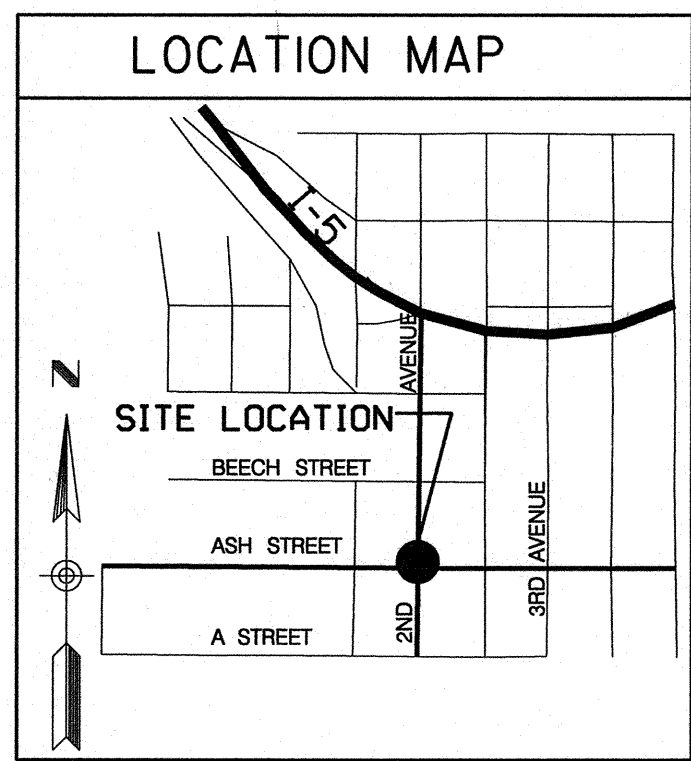
TRAFFIC SIGNAL MODIFICATIONS

EXISTING POLE SCHEDULE													
No.	TYPE	HGT.	SIG. M.A.	LUM. M.A.	LUM. CO-LPS	PLACEMENT		SIGNAL MOUNTING		PEDESTRIAN		REMARKS	
						A	B	VEHICLE	SIGNAL	PPB	SIGNAL		PPB
(A)	TYPE 15	30'	-	8'	250W	EX.	EX.	-	-	SV-1-T	SP-1-T	-	1 REMOVE/SALVAGE
(B)	F-51	10'	-	-	-	EX.	EX.	-	-	TV-1-T	SP-1-T	-	POLE TO REMAIN (**)
(C)	TYPE 15	30'	-	8'	250W	EX.	EX.	-	-	SV-1-T	SP-1-T	-	1 REMOVE/SALVAGE
(D)	F-51	10'	-	-	-	EX.	EX.	-	-	TV-1-T	SP-1-T	-	1 REMOVE/SALVAGE
(E)	TYPE 15	30'	-	8'	250W	EX.	EX.	-	-	SV-1-T	SP-2-T	-	1 REMOVE/SALVAGE
(F)	TYPE 15	30'	-	8'	250W	EX.	EX.	-	-	SV-1-T	SP-1-T	-	1 REMOVE/SALVAGE
(G)	F-51	10'	-	-	-	EX.	EX.	-	-	TV-1-T	SP-1-T	-	1 REMOVE/SALVAGE

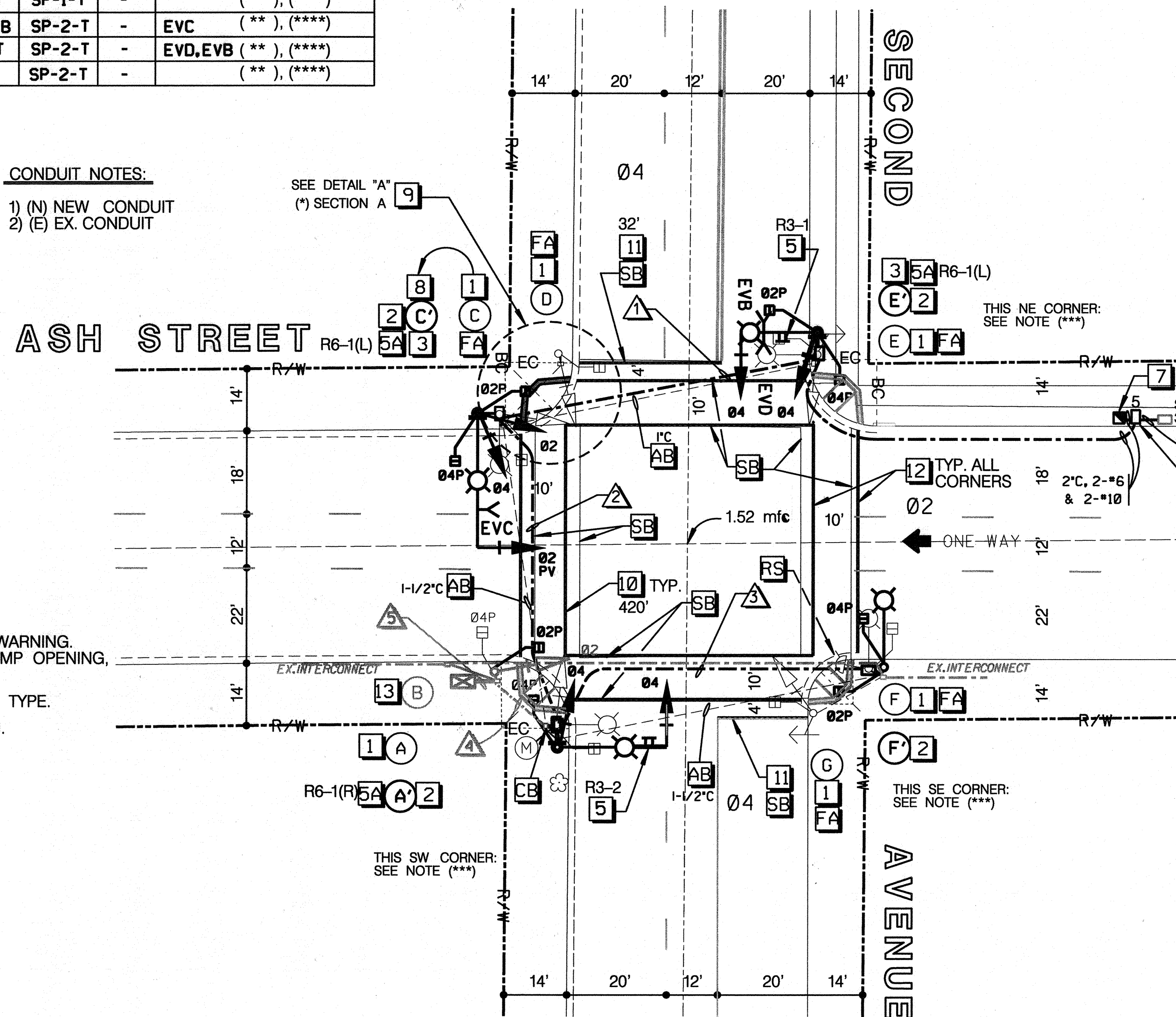
NEW POLE SCHEDULE													
No.	TYPE	HGT.	SIG. M.A.	LUM. M.A.	LUM. INDUCT	PLACEMENT		SIGNAL MOUNTING		PEDESTRIAN		REMARKS	
						A	B	VEHICLE	SIGNAL	PPB	SIGNAL		PPB
(A)	19-2-100	30'	25'	15'	85W	6'	3.5'	MAS	-	SV-1-T	SP-1-T	-	(**), (****)
(C)	19-1-100	30'	30'	15'	85W	4'	3.5'	MAS-PV	-	SV-2-TB	SP-2-T	-	EVC (**), (****)
(E)	17-2-100	30'	15'	15'	85W	6'	3.5'	MAS	-	SV-1-T	SP-1-T	-	EVD, EVB (**), (****)
(F)	TYPE 15	30'	-	15'	85W	3.5'	3.5'	-	-	-	SP-2-T	-	(**), (****)

CONDUCTOR TABLE							
AWG SIZE OR CABLE TYPE	PHASE	POLE OR CIRCUIT	CONDUIT SIZE & RUN (N=NEW WIRE=EX.)				
			3"(N) 3"(N) 3"(N)	1"-2" 2"-2" 2"-2"			
CONDUCTORS 3 12		POLE - (A)	-	-	1-1		
		POLE - (B)	-	-	1-1		
		POLE - (C)	-	-	2-2		
		POLE - (E)	-	-	1-1		
		POLE - (F)	-	-	1-1		
TOTAL CABLES 3 CONDUCT./ 12 CONDUCT.			1	3	1	5	5
NO. 14	Ø2	POLE - (B)	-	-	-	1	1
NO. 6		SIGNAL SERVICE	2	2	-	2	2
NO. 8		GROUND	1	1	1	1	1
NO. 10		LIGHTING	2	2	2	2	2
6 PAIR NO. 22 (SIC) INTERCONNECT CABLE			-	-	-	-	-
EMERGENCY VEHICLE DETECTOR (EV-DLC)			1	2	-	2	2
TOTAL CONDUCTOR - CABLES			7	10	4	12	13

CONDUIT NOTES:
 1) (N) NEW CONDUIT
 2) (E) EX. CONDUIT

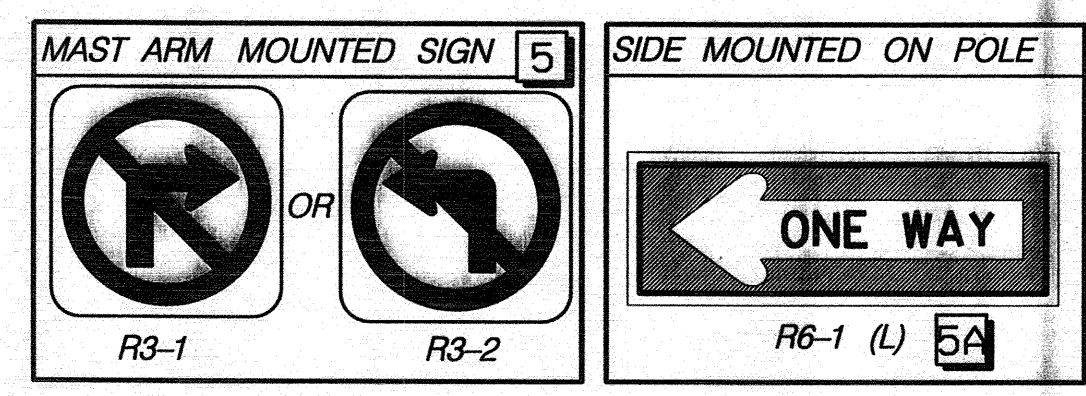


CROSSWALK AND POLE LOCATION DETAIL
NOT TO SCALE



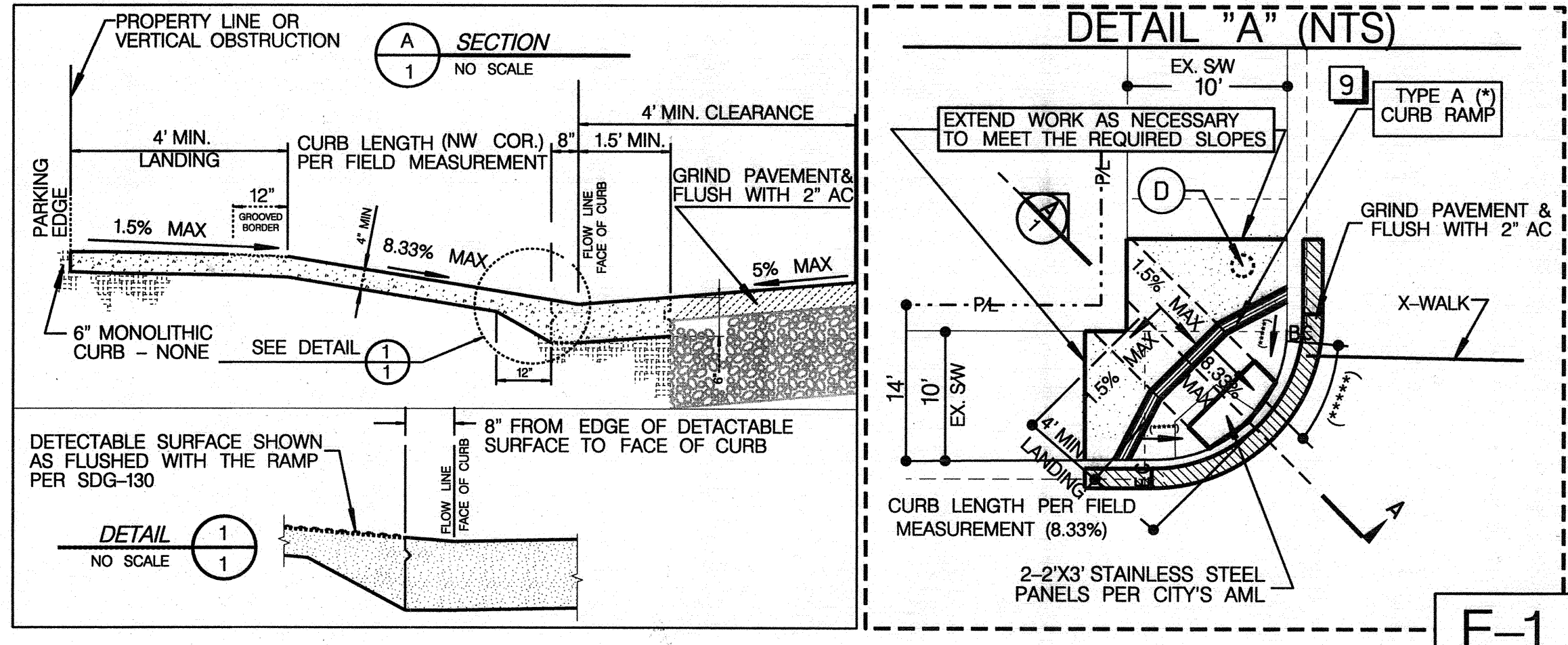
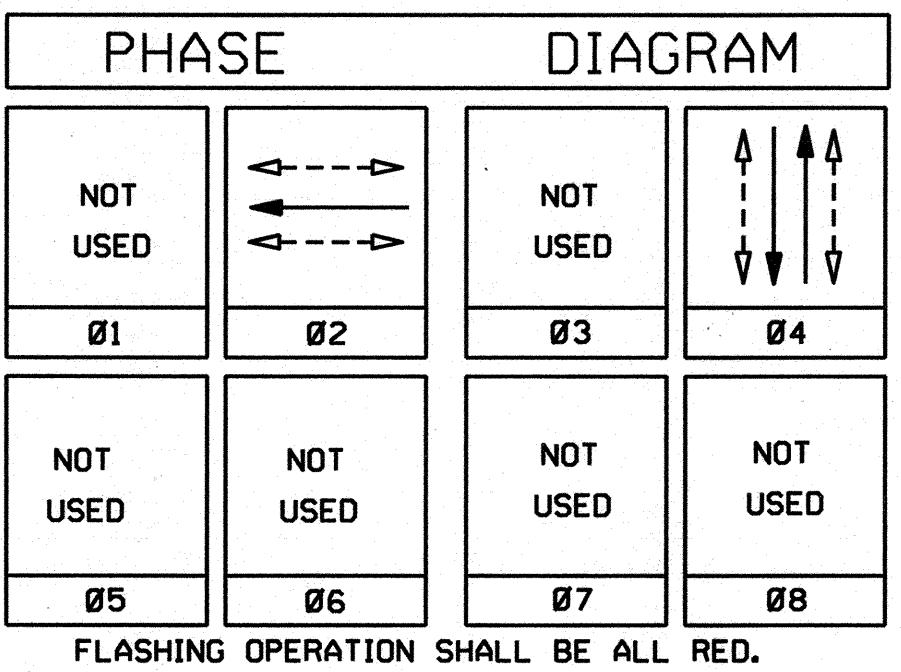
- CONSTRUCTION NOTES:**
- REMOVE AND SALVAGE EXISTING POLE AND ELECTRICAL EQUIPMENT AS INDICATED ON PLAN. CUT DOWN FOUNDATION 18" BELOW GRADE AND REPAIR SURFACE TO MATCH EXISTING CONDITION. FURNISH AND INSTALL NO. 6 PULLBOX IF NECESSARY. (SEE POLE SCHEDULE)
 - FURNISH & INSTALL NEW POLES, MAST ARMS, SIGNAL HEADS, AND OTHER NOTED ELECTRICAL EQUIPMENT. AND PROVIDE NEW MOUNTING HARDWARE. (SEE POLE AND CONDUCTOR SCHEDULES).
 - FURNISH & INSTALL BI-DIRECTIONAL OR SINGLE VEH. PRE-EMPT. EQUIPMENT (EVPE) PER CITY OF SAN DIEGO REQUIREMENTS.
 - FURNISH AND INSTALL NO. 5 PULL BOX AS SHOWN.
 - FURNISH AND INSTALL MAST ARM MOUNTED SIGN AS INDICATED.
 - FURNISH AND INSTALL SIGN ON POLE AS NOTED ON PLAN.
 - NOT USED.
 - FURNISH AND INSTALL TYPE III SIGNAL AND LIGHTING SERVICE PER STATE STANDARD PLAN ES-2D. PROVIDE 50A-1P CIRCUIT BREAKER FOR SIGNAL, 30A-1P CIRCUIT BREAKER FOR LIGHTING. METER ADDRESS: 212 1/3 ASH STREET
 - RE-INSTALL SIGN (COMMUNITY CONCOURSE) FROM POLE C TO POLE C'.
 - CONSTRUCT TYPE "A" CURB RAMP PER CITY OF SAN DIEGO SDG-132.
 - APPLY 12-INCH THERMOPLASTIC WHITE CROSSWALK PER CALTRANS STANDARD PLAN A24E. SEE XWALK & POLE DETAIL. (APPROX. 420')
 - APPLY 12-INCH THERMOPLASTIC WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E. SEE XWALK & POLE DETAIL.
 - INSTALL 2" CONDUIT WITH PULLROPE PER S.D.G.E REQUIREMENTS.
 - REMOVE EXISTING PEDESTRIAN INDICATION (Ø4) AND INSTALL / RECONFIGURE PEDESTRIAN INDICATION TO PHASE Ø2 AS SHOWN.
 - REMOVE AND SALVAGE EQUIPMENT.
 - FOUNDATION TO BE REMOVED.
 - CONDUIT INTO EXISTING PULL BOX.
 - REMOVE CONFLICTING STRIPING BY GRINDING.
 - ABANDON.

NOTES:
 (*) NEW CURB RAMPS SHALL HAVE THE STAINLESS STEEL DETECTABLE WARNING. THE DETECTABLE WARNING SHALL BE 36" DEEP X FULL WIDTH OF RAMP OPENING, AND SHALL BE A STAINLESS STEEL MATERIAL PER THE CITY'S AML.
 (**) ALL PEDESTRIAN SIGNAL HEADS SHALL BE LED OF THE COUNTDOWN TYPE.
 (***) EXISTING CURB RAMP WITH DETECTABLE WARNING TILES TO REMAIN.
 (****) CCDC BLUE, SEE GEN. NOTE NO. 7
 (*****) SLOPE AT BOTH FLARES - 10% MAX.



DETECTOR ASSIGNMENT			
DET.	PHASE	SLOT	FIELD TERMINAL
EVB	4	I12U	C1-72
EVA	2	I10U	C1-71
EVD	4	I11L	C1-74
FLASH	-	I14U	C1-81

CAUTION
 CONTRACTOR TO PROTECT AND KEEP ALL HISTORIC STAMPS WITHIN CORNER SIDEWALKS.



TRAFFIC SIGNAL MODIFICATIONS

LABIB OASEM, TRAFFIC ENGINEER 8/6/13 DATE

PLANS FOR THE CONSTRUCTION OF TRAFFIC SIGNAL MODIFICATIONS

ASH STREET @ 2ND AVENUE

CITY OF SAN DIEGO, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 SHEET 2 OF 5 SHEETS

WBS B-10198

APPROVED: A. Palamoy 8/21/13 DATE FOR CITY ENGINEER
 SUBMITTED BY: J. XIAO ASSOCIATE ENGINEER
 R. ABARABAR PROJECT ENGINEER
 202-1719 CCS27 COORDINATE
 1842-6279 CCS83 COORDINATE

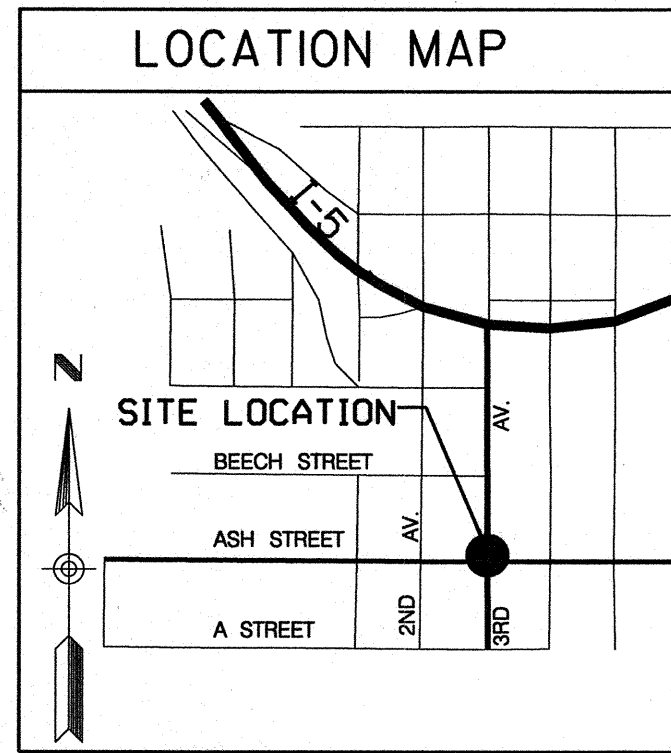
SPEC. NO. 5815

CONTRACTOR: DATE STARTED: 29619-2-D
 INSPECTOR: DATE COMPLETED:

EXISTING POLE SCHEDULE													
No.	TYPE	STANDARD		LUMINAIRE		PLACEMENT		SIGNAL MOUNTING		PEDESTRIAN		REMARKS	
		HGT.	SIG. M.A.	LUM. M.A.	HPS	INDUC	A	B	VEHICLE	SIGNAL	PPB		
(A)	TYPE 15	30'	-	8'	85W	EX.	EX.	-	-	SV-1-T	SP-1-T	-	TO REMAIN (**), (****)
(B)	F51	10'	-	-	-	EX.	EX.	-	-	TV-1-T	SP-1-T	-	1 REMOVE/SALVAGE
(C)	TYPE 15	30'	-	8'	250W	EX.	EX.	-	-	SV-1-T	SP-1-T	-	1 REMOVE/SALVAGE
(D)	F51	10'	-	-	-	EX.	EX.	-	-	TV-4-T	SP-1-T	-	1A TO REMAIN
(E)	TYPE 15	30'	-	8'	250W	EX.	EX.	-	-	SV-1-T	SP-2-T	-	1 REMOVE/SALVAGE
(F)	TYPE 15	30'	-	8'	85W	EX.	EX.	-	-	SV-1-T	SP-2-T	-	TO REMAIN (**), (****)

NEW POLE SCHEDULE												
No.	TYPE	STANDARD		LUMINAIRE		PLACEMENT		SIGNAL MOUNTING		PEDESTRIAN		REMARKS
		HGT.	SIG. M.A.	LUM. M.A.	INDUC	A	B	VEHICLE	SIGNAL	PPB		
(B)	TYPE A-1	10'	-	-	-	2'	2.5'	TV-1-T	-	SP-1-T	-	-
(C)	19-2-100	30'	30'	15'	85W	10'	3.5'	MAS-PV	SV-1-T	SP-2-T	-	EVC (**)
(E)	19-2-100	30'	30'	15'	85W	6'	3.5'	MAS	SV-1-T	SP-2-T	-	EVC (**)

MAINTAIN EXISTING INTERCONNECT CABLES.



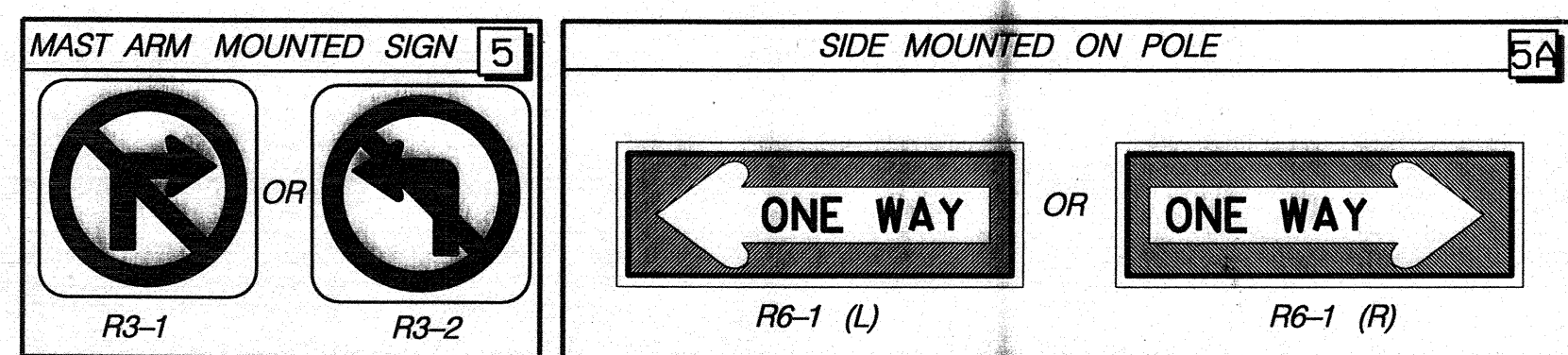
CONDUCTOR TABLE		CONDUIT SIZE & RUN				
AWG SIZE OR CABLE TYPE	PHASE	POLE OR CIRCUIT	3"(N)	3"(N)	1 1/2"(E)	2-2"(E)
3	CONDUCTORS	POLE - A	-	-	-	-
		POLE - B'	-	-	-	-
		POLE - C'	-	-	-	-
		POLE - D	-	-	-	-
		POLE - E'	-	-	-	-
		POLE - F	-	-	-	-
TOTAL CABLES 3 CONDUCT./ 12 CONDUCT.			2	2	3	1
NO. 6 SIGNAL SERVICE			2	2	2	2
NO. 8 GROUND			1	1	1	1
NO. 10 LIGHTING			2	2	2	2
6 PAIR NO.22 (SIC) INTERCONNECT CABLE			-	-	-	-
EMERGENCY VEHICLE DETECTOR (EV-DLC)			1	2	-	2
TOTAL CONDUCTOR - CABLES			8	10	6	13

CONDUIT NOTES:

- 1) (N) NEW CONDUIT
- 2) (E) EX. CONDUIT

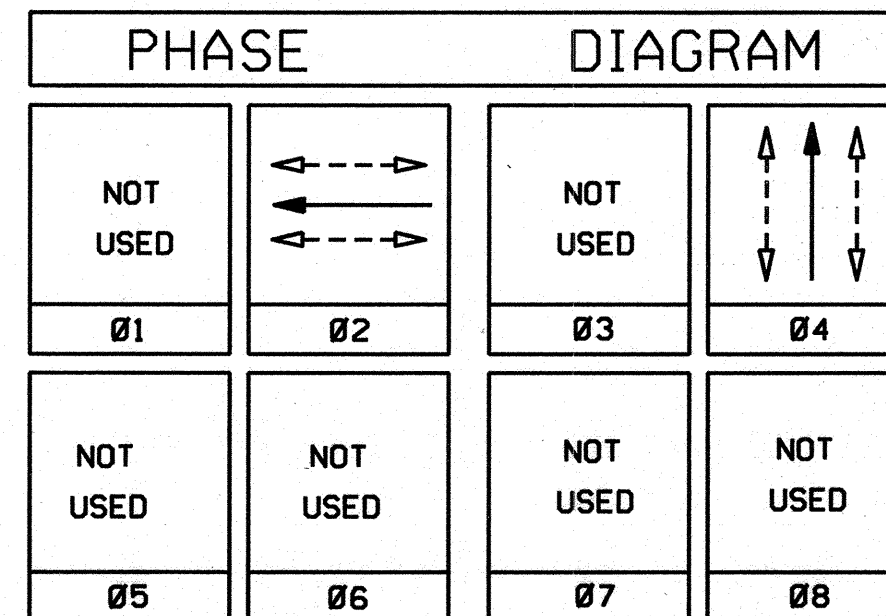
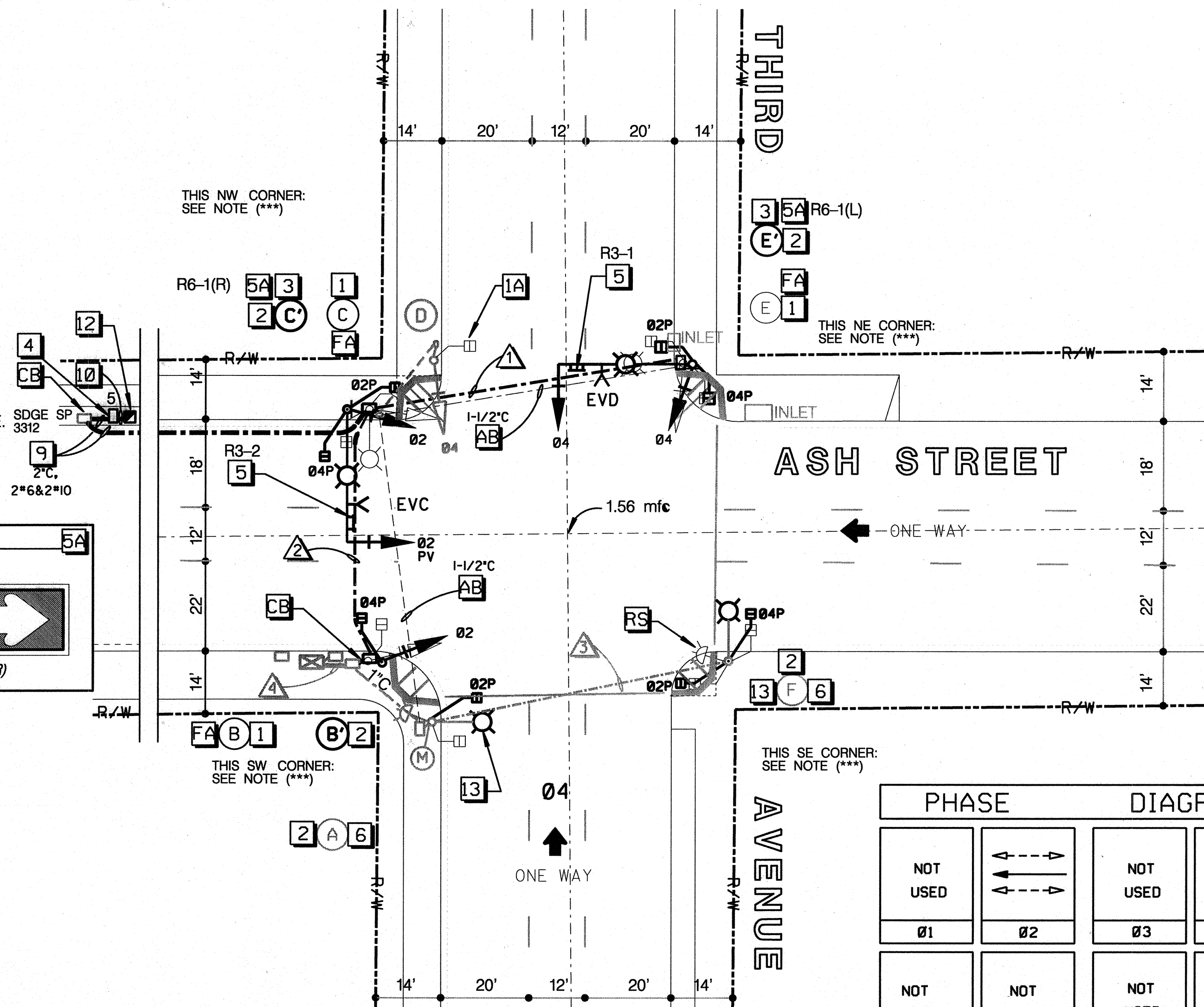
NOTES:

- (*) NOT USED.
- (**) ALL PEDESTRIAN SIGNAL HEADS SHALL BE LED OF THE COUNTDOWN TYPE.
- (***) EXISTING CURB RAMP WITH DETECTABLE WARNING TILES TO REMAIN.
- (****) CCDC BLUE, SEE GEN. NOTE NO. 7



DETECTOR ASSIGNMENT

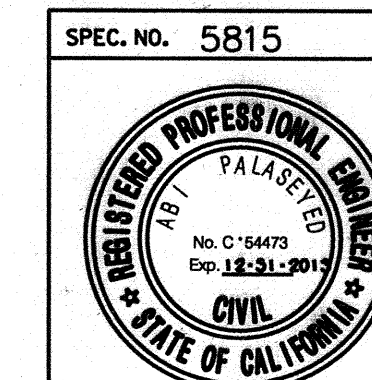
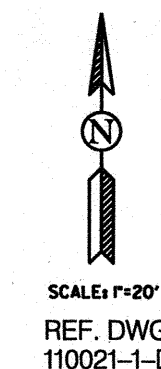
DET.	PHASE	SLOT	FIELD TERMINAL
PRETIMED SIGNAL INTERSECTION NO DETECTOR LOOPS			
-	-	-	-
EVC	2	I10U	C1-71
EVD	4	I11L	C1-74
FLASH	-	I14U	C1-81



FLASHING OPERATION SHALL BE ALL RED.

CONSTRUCTION NOTES:

- REMOVE AND SALVAGE EXISTING POLE AND ELECTRICAL EQUIPMENT AS INDICATED ON PLAN. CUT DOWN FOUNDATION 18" BELOW GRADE AND REPAIR SURFACE TO MATCH EXISTING CONDITION. FURNISH AND INSTALL NO. 6 PULLBOX IF NECESSARY. (SEE POLE SCHEDULE).
- REMOVE AND SALVAGE PEDESTRIAN INDICATION AT POLE D.
- FURNISH & INSTALL NEW POLES, MAST ARMS, SIGNAL HEADS, AND OTHER NOTED ELECTRICAL EQUIPMENT. AND PROVIDE NEW MOUNTING HARDWARE. (SEE POLE AND CONDUCTOR SCHEDULES).
- FURNISH & INSTALL EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT (EVPE) PER CITY OF SAN DIEGO REQUIREMENTS.
- FURNISH AND INSTALL NO. 5 PULL BOX AS SHOWN.
- FURNISH AND INSTALL MAST ARM MOUNTED SIGN AS SHOWN.
- A) FURNISH AND INSTALL SIGN ON POLE AS NOTED ON PLAN.
- REMOVE AND SALVAGE EXISTING PEDESTRIAN INDICATION. FURNISH AND INSTALL COUNTDOWN TIMER INDICATION.
- NOT USED.
- NOT USED.
- TRENCH AND INSTALL 2" CONDUIT WITH NEW CONDUCTORS PER PLAN.
- INSTALL 2" CONDUIT WITH PULLROPE PER S.D.G.E REQUIREMENTS.
- NOT USED.
- FURNISH AND INSTALL TYPE III SIGNAL AND LIGHTING SERVICE PER STATE STANDARD PLAN ES-2D. PROVIDE 50A-1P CIRCUIT BREAKER FOR SIGNAL. 30A-1P CIRCUIT BREAKER FOR LIGHTING. METER ADDRESS: 290 1/3 ASH STREET
- REMOVE EXISTING HPS LUMINAIRE AND REPLACE WITH INDUCTION LUMINAIRE. SEE POLE SCHEDULE.
- REMOVE AND SALVAGE EQUIPMENT.
- FOUNDATION TO BE REMOVED.
- CONDUIT INTO EXISTING PULL BOX.
- ABANDON.



LABIB GASEM, TRAFFIC ENGINEER 8/6/13 DATE

PLANS FOR THE CONSTRUCTION OF TRAFFIC SIGNAL MODIFICATIONS AT ASH STREET @ 3RD AVENUE

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 3 OF 12 SHEETS WBS B-10198

APPROVED BY: A. Palamang 8/21/13 DATE FOR CITY ENGINEER

SUBMITTED BY: J. XIAO 8/21/13 DATE ASSOCIATE ENGINEER

PROJECT ENGINEER: R. ABARABAR

DESCRIPTION: ORIGINAL BY: RLA APPROVED: DATE: FILMED: 202-1719 CCS27 COORDINATE 1842-6279 CCS88 COORDINATE

CONTRACTOR: DATE STARTED: 29619-3-D INSPECTOR: DATE COMPLETED:

EXISTING POLE SCHEDULE												
No.	TYPE	HGT.	SIG. M.A.	LUM. M.A.	HPS-INDUCT	PLACEMENT		SIGNAL MOUNTING		PEDESTRIAN		REMARKS
						A	B	VEHICLE	SIGNAL	PPB		
(A)	TYPE 15	30'	-	8'	85W	EX.	EX.	-	-	SP-1-T	-	TO REMAIN [9]
(B)	F15	10'	-	-	-	EX.	EX.	-	-	TV-1-T	SP-1-T	[1] REMOVE/SALVAGE
(C)	TYPE 15	30'	-	8'	250W	EX.	EX.	-	-	SV-1-T	SP-1-T	[1] REMOVE/SALVAGE
(D)	1-A	10'	-	-	-	EX.	EX.	-	-	TV-1-T	SP-1-T	TO REMAIN
(E)	TYPE 15	30'	-	8'	250W	EX.	EX.	-	-	SV-1-T	SP-2-T	[1] REMOVE/SALVAGE
(F)	TYPE 15	30'	-	8'	85W	EX.	EX.	-	-	SP-2-T(***)	-	TO REMAIN [9]

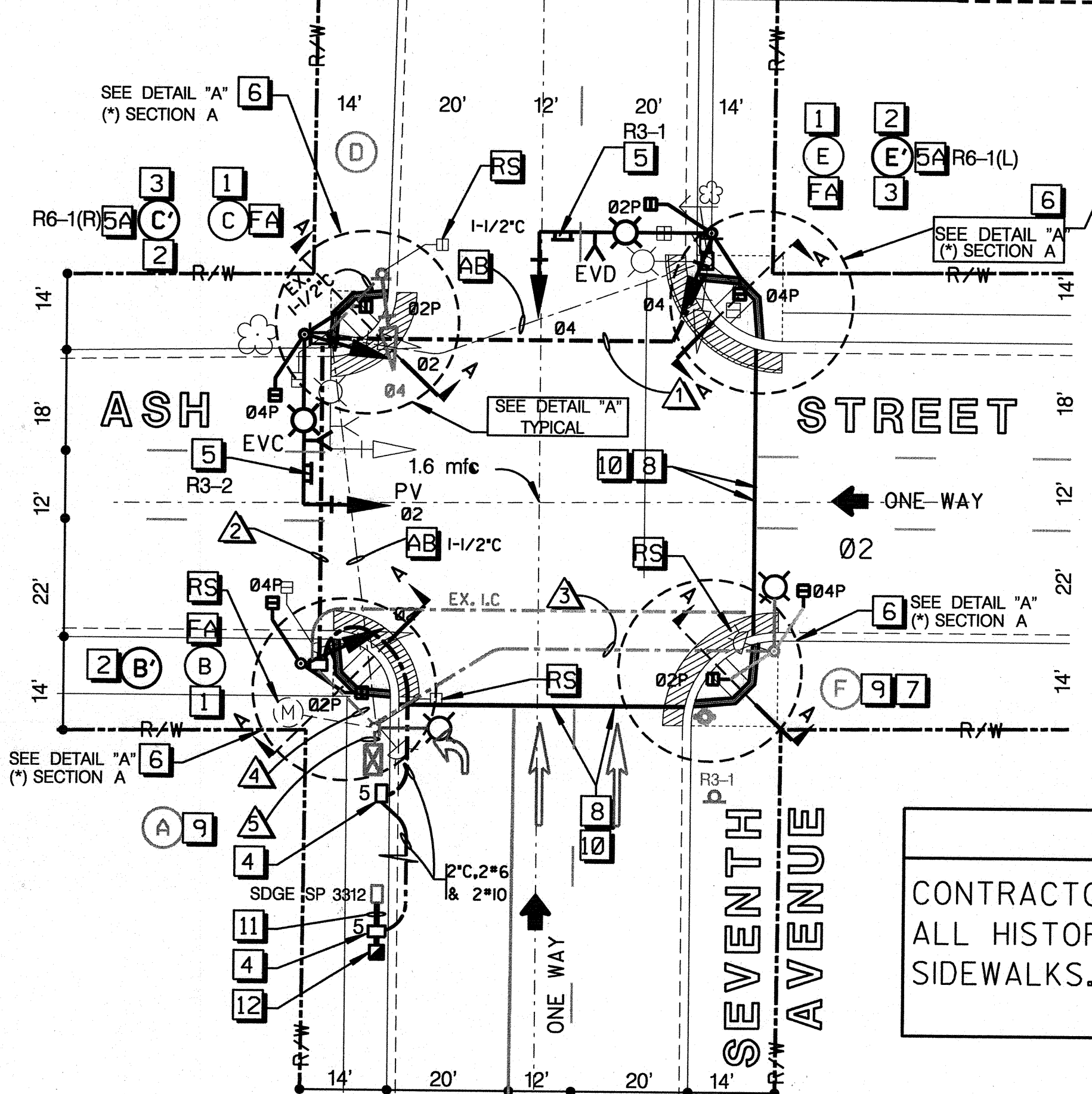
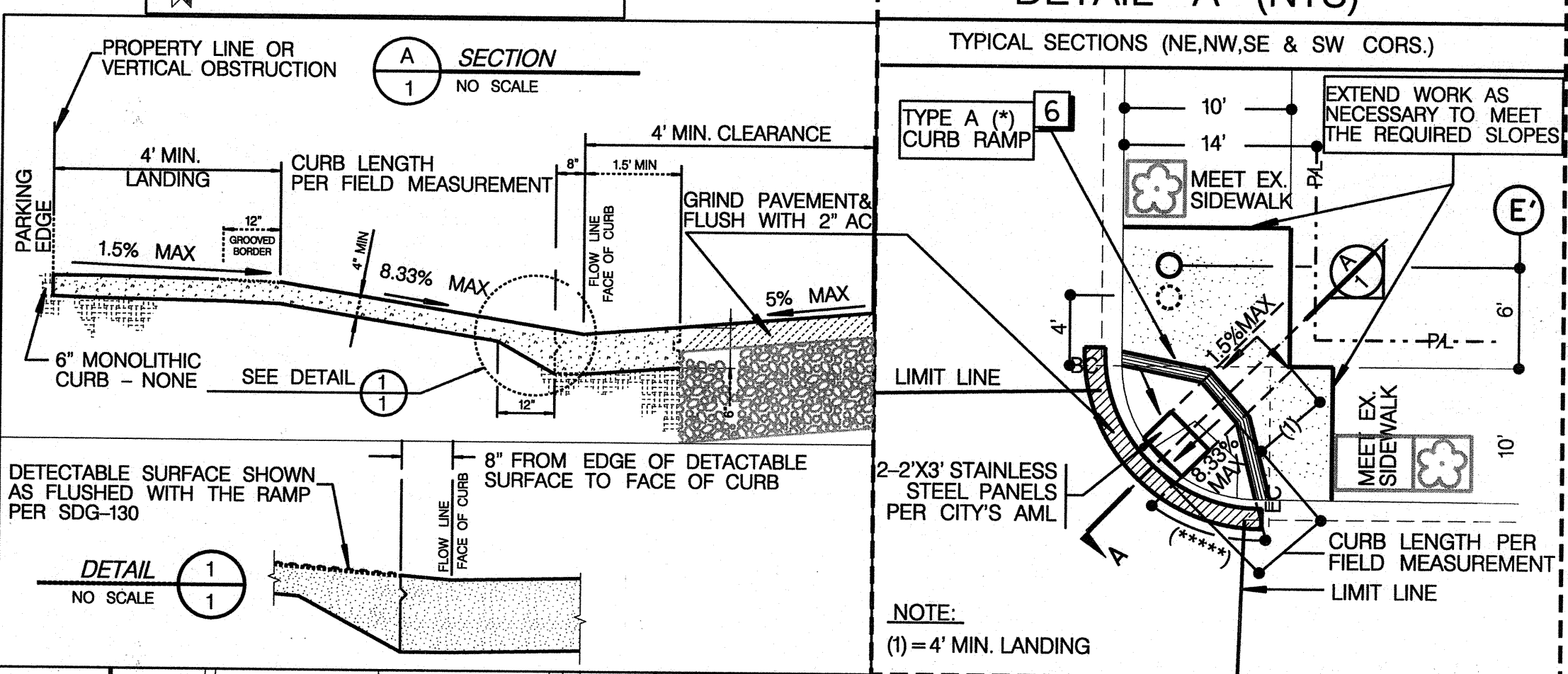
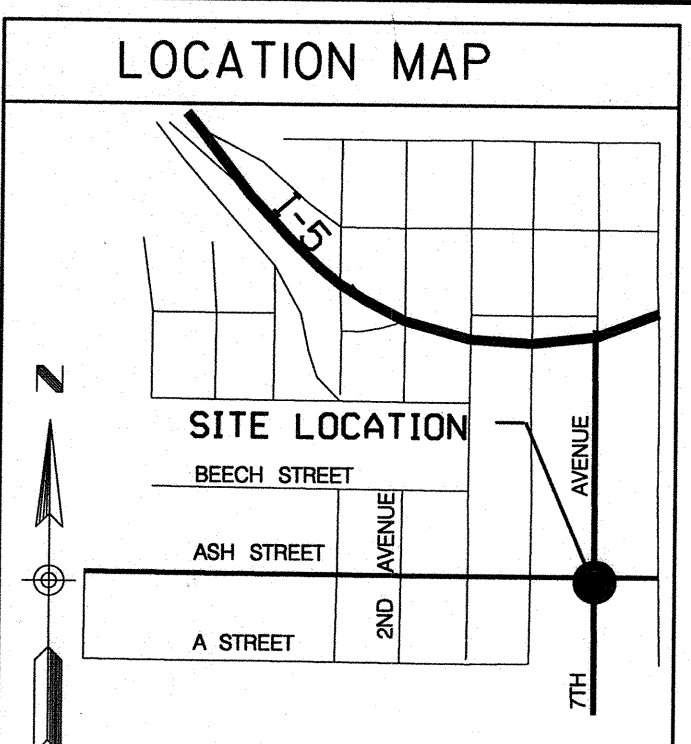
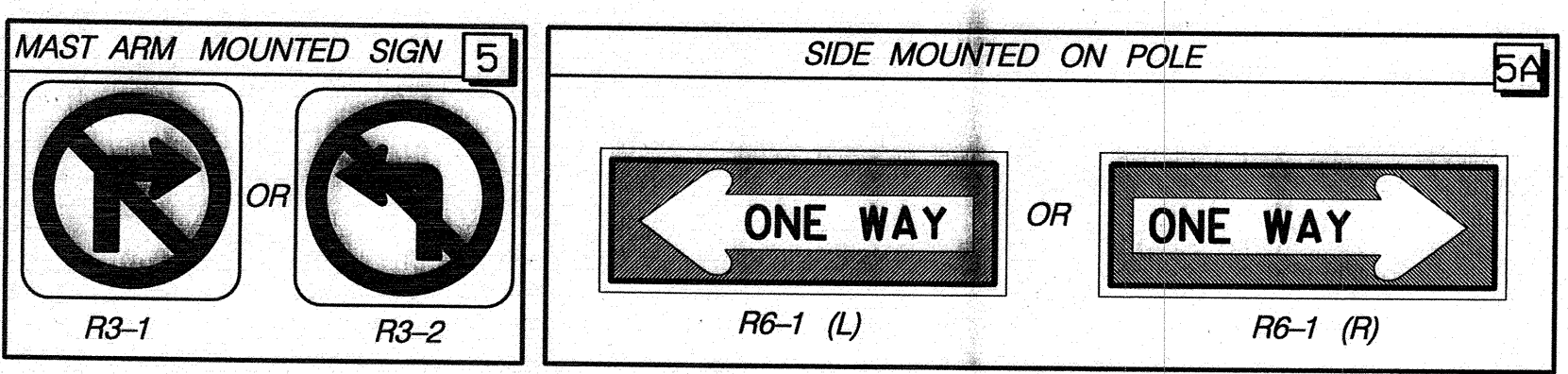
NEW POLE SCHEDULE												
No.	TYPE	HGT.	SIG. M.A.	LUM. M.A.	HPS-INDUCT	PLACEMENT		SIGNAL MOUNTING		PEDESTRIAN		REMARKS
						A	B	VEHICLE	SIGNAL	PPB		
(G)	1-A	10'	-	-	-	6'	3.5'	-	-	TV-1-T	SP-2-T	(**), (****)
(H)	19-2-100	30'	30'	15'	85W	5'	3.5'	MAS-PV	SV-1-T	SP-2-T	-	EVC (**), (****)
(I)	19-2-100	30'	30'	15'	85W	4'	3.5'	MAS	SV-1-T	SP-2-T	-	EVD (**), (****)

CONDUCTOR TABLE			
AWG SIZE OR CABLE TYPE	PHASE	POLE OR CIRCUIT	CONDUIT SIZE & RUN
			3"(N) 3"(N) 1.5"(E) 2"(E) 2"(E)
CONDUCTORS 3 12	CONDUCTORS	POLE - (A)	-
		POLE - (B)	-
		POLE - (C)	-
		POLE - (D)	-
		POLE - (E)	-
		POLE - (F)	-
TOTAL CABLES 3 CONDUCT./ 12 CONDUCT.			1 3 1 4 5
NO. 6 SIGNAL SERVICE			- - - - -
NO. 8 GROUND			1 1 1 1 1
NO. 10 LIGHTING			2 2 2 2 2
6 PAIR NO. 22 (SIC) INTERCONNECT CABLE			- - - - -
EMERGENCY VEHICLE DETECTOR (EV-DLC)			1 2 - 2 2
TOTAL CONDUCTOR - CABLES			5 8 4 9 10

CONDUIT NOTES:
1) (N) NEW CONDUIT
2) (E) EX. CONDUIT

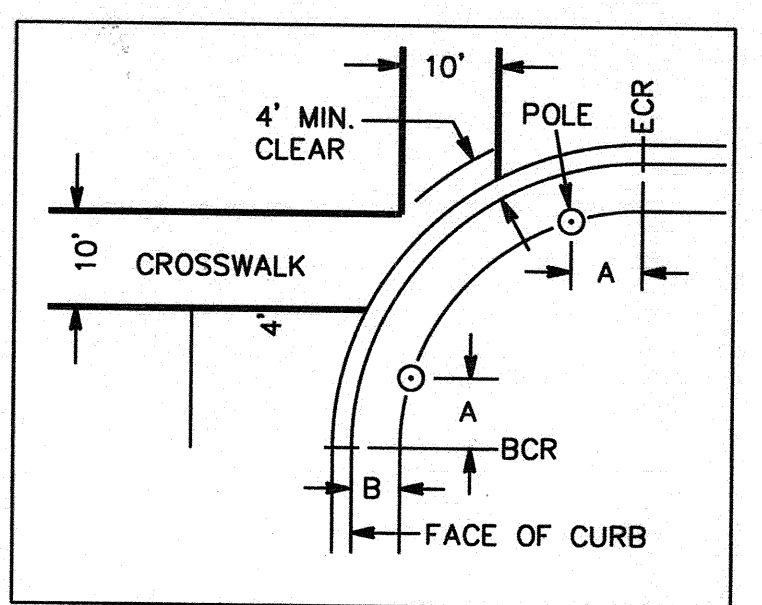
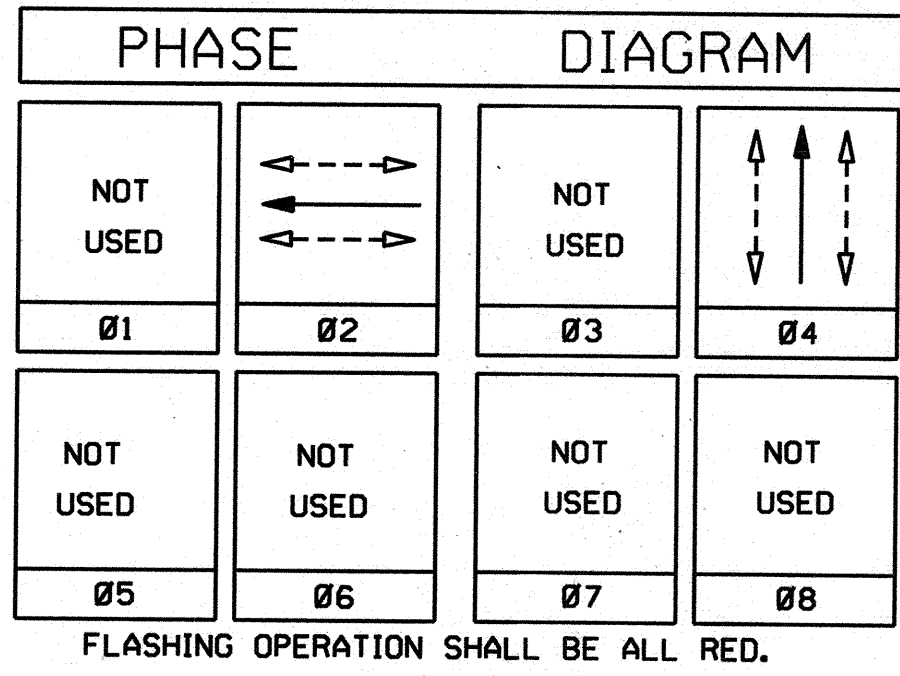
NOTES:
(*) NEW CURB RAMPS SHALL HAVE THE STAINLESS STEEL DETECTABLE WARNING. THE DETECTABLE WARNING SHALL BE 36" DEEP X FULL WIDTH OF RAMP OPENING, AND SHALL BE A STAINLESS STEEL MATERIAL PER THE CITY'S AML.
(**) ALL PEDESTRIAN SIGNAL HEADS SHALL BE LED OF THE COUNTDOWN TYPE.
(***) INSTALL COUNTDOWN TIMER INDICATION IN EXISTING PEDESTRIAN SIGNAL HOUSING.
(****) CCDC BLUE. SEE GEN. NOTE NO. 7
(*****) SLOPE AT BOTH FLARES - 10% MAX.

DETECTOR ASSIGNMENT			
DET.	PHASE	SLOT	FIELD TERMINAL
PRETIMED SIGNAL INTERSECTION NO DETECTOR LOOPS			
EVC	2	J12L	T9-5 & COM 6
EVD	4	J13L	T9-8 & COM 9
FLASH	-	I14U	T8-10 & COM 12



CAUTION
CONTRACTOR TO PROTECT AND KEEP ALL HISTORIC STAMPS WITHIN CORNER SIDEWALKS.

- CONSTRUCTION NOTES:**
- REMOVE AND SALVAGE EX. POLE, SIGNAL INDICATION AND EQUIPMENT AS INDICATED ON PLAN. CUT DOWN FOUNDATION 18" BELOW GRADE AND REPAIR SURFACE TO MATCH EXISTING CONDITION. FURNISH AND INSTALL NO. 6 PULLBOX IN PLACE OF REMOVED POLE.
 - FURNISH & INSTALL NEW POLES, MAST ARMS, SIGNAL HEADS, AND OTHER NOTED EQUIPMENT. AND PROVIDE NEW MOUNTING HARDWARE. (SEE POLE AND CONDUCTOR SCHEDULES).
 - FURNISH & INSTALL EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT (EVPE) PER CITY OF SAN DIEGO REQUIREMENTS.
 - FURNISH AND INSTALL NO. 5 PULL BOX AS SHOWN.
 - FURNISH AND INSTALL MAST ARM MOUNTED SIGN (R3-1) AS SHOWN.
 - FURNISH AND INSTALL SIGN ON POLE AS NOTED ON PLAN.
 - CONSTRUCT TYPE "A" CURB RAMP PER CITY OF SAN DIEGO STANDARD DRAWING NO. SDG-132 TYPICAL FOR ALL CORNERS. SEE DETAIL "A".
 - FURNISH AND INSTALL COUNTDOWN TIMER INDICATION IN EXISTING PEDESTRIAN SIGNAL HEAD HOUSING.
 - REMOVE EXISTING LEGENDS, PAVEMENT MARKINGS, AND CONFLICTING STRIPING BY GRINDING METHOD APPROVED BY CITY RESIDENT ENGINEER.
 - REMOVE EXISTING HPS LUMINAIRE AND REPLACE WITH INDUCTION LUMINAIRE. SEE POLE SCHEDULE.
 - APPLY 12-INCH THERMOPLASTIC WHITE LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
 - INSTALL 2" CONDUIT WITH PULLROPE PER S.D.G.E REQUIREMENTS.
 - FURNISH AND INSTALL TYPE III SIGNAL AND LIGHTING SERVICE PER STATE STANDARD PLAN ES-2D. PROVIDE 50A-1P CIRCUIT BREAKER FOR SIGNAL. 30A-1P CIRCUIT BREAKER FOR LIGHTING. METER ADDRESS: 1396 1/3 7TH AVENUE
- RS REMOVE AND SALVAGE EQUIPMENT.
FA FOUNDATION TO BE REMOVED.
CB CONDUIT INTO EXISTING PULL BOX.
AB ABANDON.



CROSSWALK AND POLE LOCATION DETAIL
NOT TO SCALE

E-3

LABIB OASEM, TRAFFIC ENGINEER 8/6/13 DATE

PLANS FOR THE CONSTRUCTION OF TRAFFIC SIGNAL MODIFICATIONS AT

ASH STREET @ 7TH AVENUE

CITY OF SAN DIEGO, CALIFORNIA
PUBLIC WORKS DEPARTMENT
SHEET 4 OF 5 SHEETS

WBS B-10198

APPROVED: H. Palawoy 8/21/13 DATE
FOR CITY ENGINEER

DESIGNER: J. XIAO 202-1719
PROJECT ENGINEER: R. ABARABAR
CC827 COORDINATE: 1842-6279
CC883 COORDINATE: 29619-4-D

SPEC. NO. 5815

CONTRACTOR: DATE STARTED: 29619-4-D
INSPECTOR: DATE COMPLETED:

TRAFFIC SIGNAL MODIFICATIONS

EXISTING POLE SCHEDULE											
No.	STANDARD TYPE	HGT.	SIG. M.A.	LUM. M.A.	LUM. INDUC	PLACEMENT		SIGNAL MOUNTING		PEDESTRIAN SIGNAL	REMARKS
						A	B	VEHICLE	VEHICLE		
(A)	TYPE 15	30'	-	8'	85W	EX.	EX.	-	SV-1-T	SP-1-T	TO REMAIN (**), (****)
(B)	1-A	10'	-	-	-	EX.	EX.	-	TV-1-T	SP-1-T	TO REMAIN (**), (****)
(C)	TYPE 15	30'	-	8'	250W	EX.	EX.	-	SV-1-T	-	1 REMOVE/SALVAGE
(D)	F51	10'	-	-	-	EX.	EX.	-	TV-2-T	-	TO REMAIN (A)
(E)	TYPE 15	30'	-	8'	250W	EX.	EX.	-	SV-1-T	-	1 REMOVE/SALVAGE
(F)	TYPE 15	30'	-	8'	85W	EX.	EX.	-	SV-1-T	SP-2-T	TO REMAIN (**), (****)

MAINTAIN EXISTING INTERCONNECT CABLES.

NEW POLE SCHEDULE												
No.	STANDARD TYPE	HGT.	SIG. M.A.	LUM. M.A.	LUM. INDUC	PLACEMENT		SIGNAL MOUNTING		PEDESTRIAN SIGNAL	REMARKS	
						A	B	VEHICLE	VEHICLE			
(C)	19-3-100	30'	30'	15'	85W	4'	3.5'	MAS	-	SV-1-T	SP-2-T	EVC (**)
(E)	17-2-100	30'	20'	15'	85W	6'	3.5'	MAS	-	SV-1-T	SP-2-T	EVB/EVD (**)

NOTES:
 (*) NEW CURB RAMPS SHALL HAVE THE STAINLESS STEEL DETECTABLE WARNING. THE DETECTABLE WARNING SHALL BE 36" DEEP X FULL WIDTH OF RAMP OPENING, AND SHALL BE A STAINLESS STEEL MATERIAL PER THE CITY'S AML.
 (***) ALL PEDESTRIAN SIGNAL HEADS SHALL BE LED OF THE COUNTDOWN TYPE.
 (****) EXISTING CURB RAMP WITH DETECTABLE WARNING TILES TO REMAIN.
 (*****) CCDC BLUE, SEE GEN. NOTE NO. 7.
 (*****) SLOPE AT BOTH FLARES - 10% MAX.

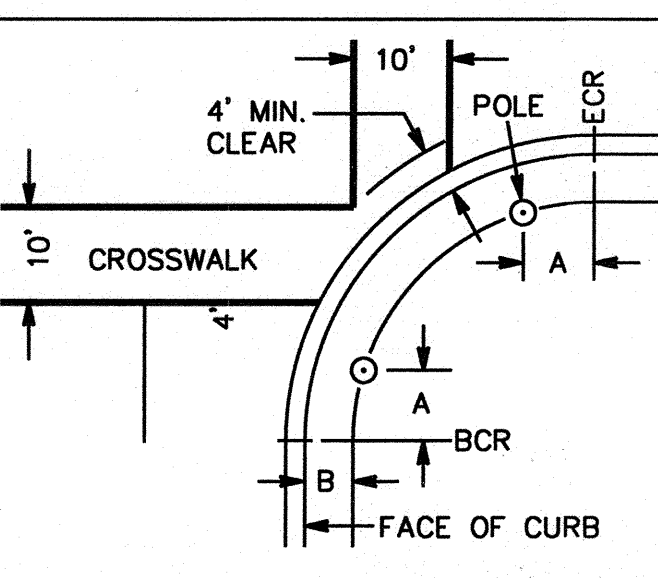
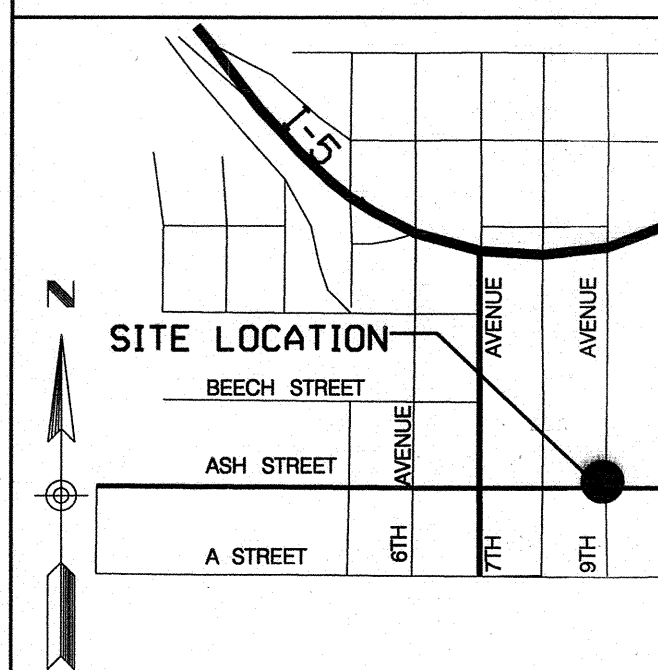
DETECTOR ASSIGNMENT

DET.	PHASE	SLOT	FIELD TERMINAL
PRE-TIMED SIGNAL INTERSECTION NO DETECTOR LOOPS			
EVB	4	J13U	T9-7 & COM 9
EVC	2	J12L	T9-5 & COM 6
EVD	4	J13L	T9-8 & COM 9
FLASH	-	I14U	T8-10 & COM 12

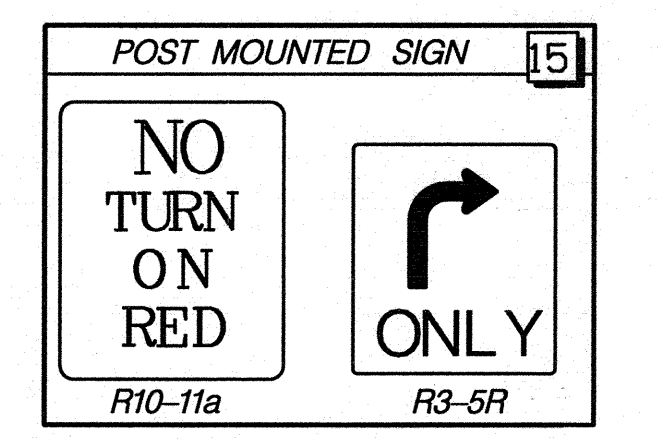
CONDUIT NOTES:
 1) (N) NEW CONDUIT
 2) (E) EX. CONDUIT

CONDUCTOR TABLE						
AWG SIZE OR CABLE TYPE	PHASE	POLE OR CIRCUIT	CONDUIT SIZE & RUN			
			3"(N)	3"(E)	4"(E)	4"(E)
CONDUCTORS 3 12		POLE - A	-	-	-	-
		POLE - B	-	-	-	-
		POLE - C	-	-	-	-
		POLE - D	-	-	-	-
		POLE - E	-	-	-	-
		POLE - F	-	-	-	-
TOTAL CABLES 3 CONDUCT./ 12 CONDUCT.			-	-	-	-
NO. 6	SIGNAL SERVICE		-	-	-	2
NO. 8	GROUND		1	1	1	1
NO. 10	LIGHTING		2	2	2	2
6 PAIR NO. 22 (SIC) INTERCONNECT CABLE			-	-	-	-
EMERGENCY VEHICLE DETECTOR (EV-DLC)			1	2	-	2
TOTAL CONDUCTOR - CABLES			4	8	4	13

LOCATION MAP

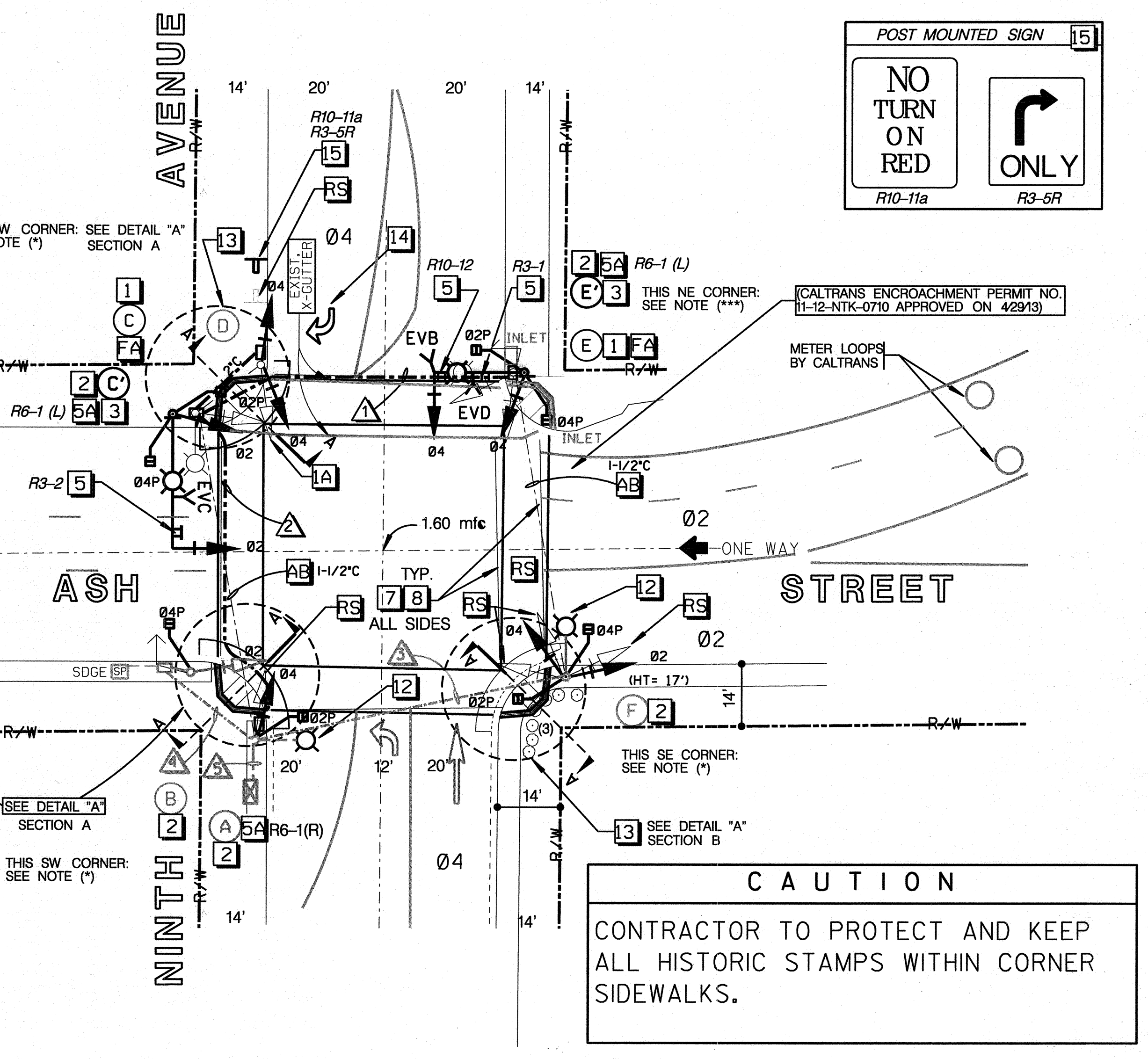
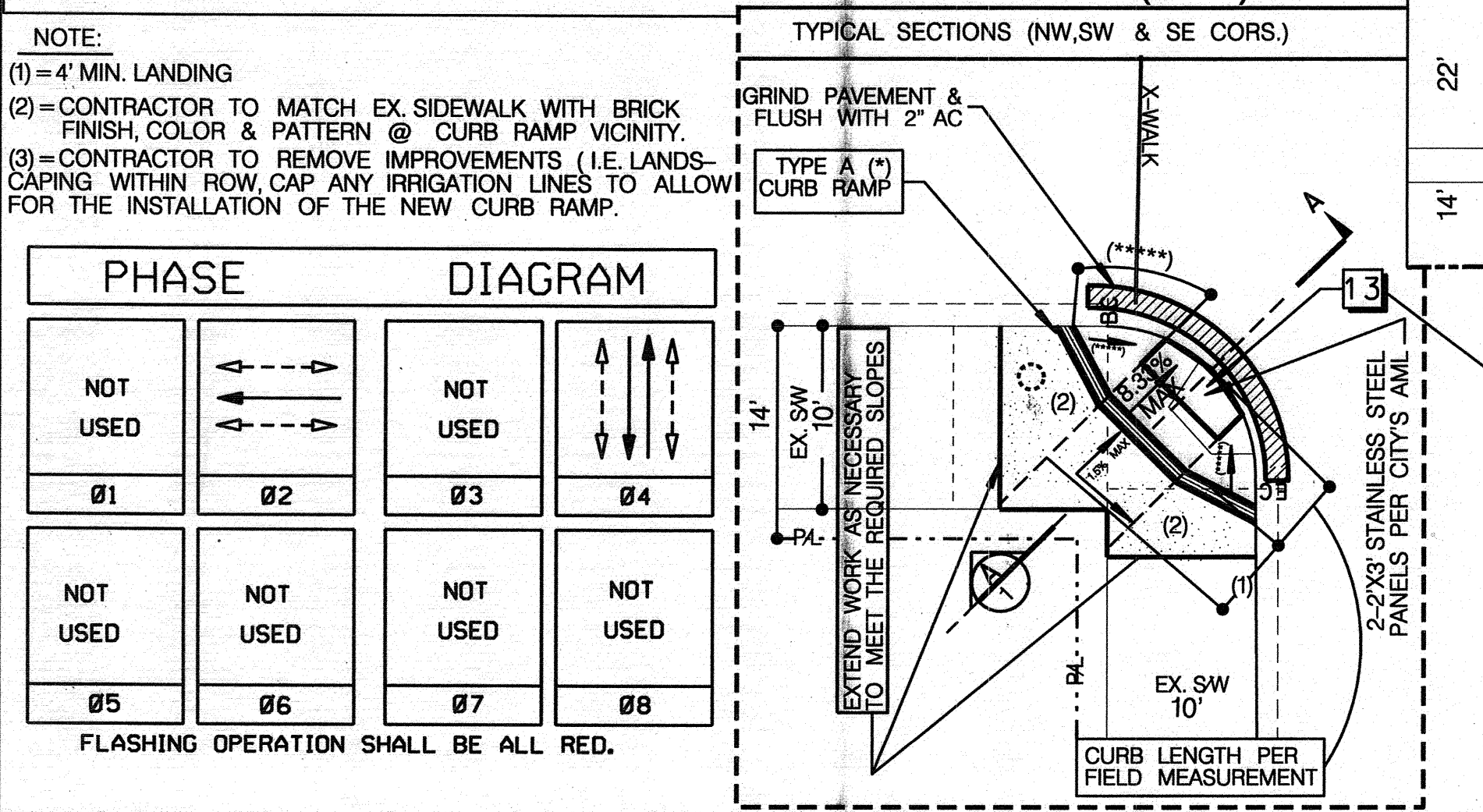
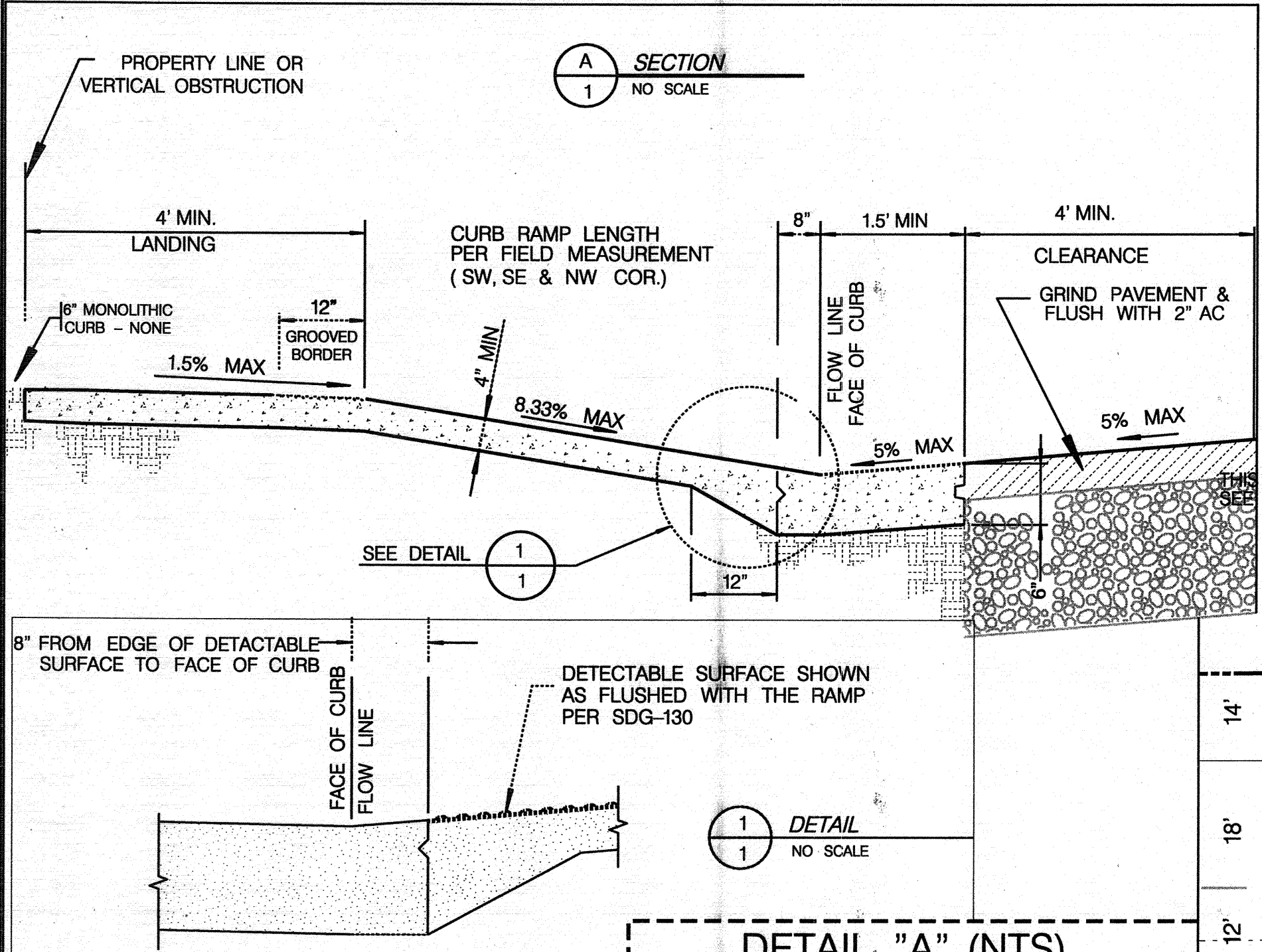
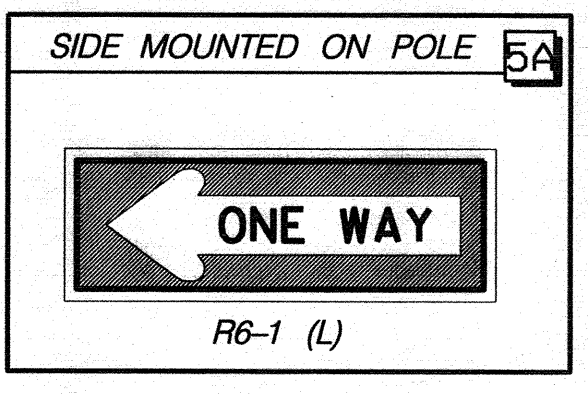
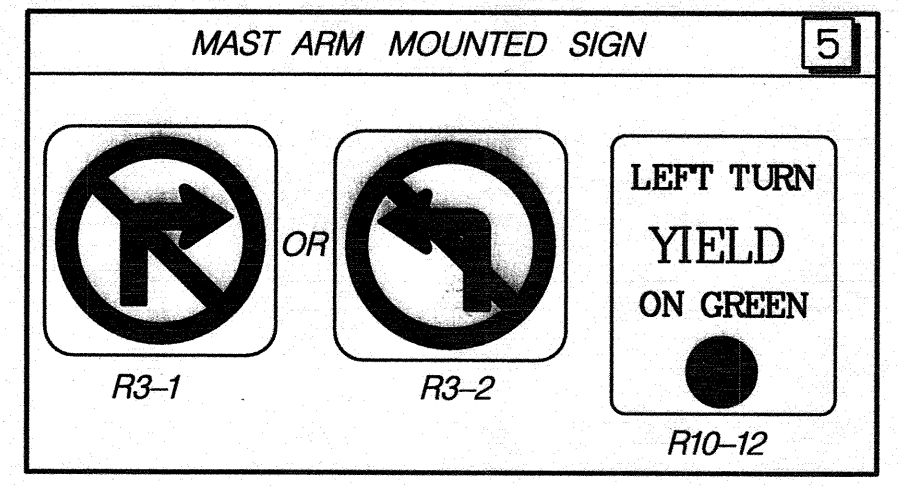


CROSSWALK AND POLE LOCATION DETAIL
NOT TO SCALE



CONSTRUCTION NOTES:

- REMOVE AND SALVAGE EXISTING POLE AND ELECTRICAL EQUIPMENT AS INDICATED ON PLAN. CUT DOWN FOUNDATION 18" BELOW GRADE AND REPAIR SURFACE TO MATCH EXISTING CONDITION. FURNISH AND INSTALL NO. 6 PULLBOX IN PLACE OF REMOVED POLE.
- REMOVE AND SALVAGE VEHICLE INDICATION AT POLE D.
- FURNISH & INSTALL NEW POLES, MAST ARMS, SIGNAL HEADS, AND OTHER NOTED ELECTRICAL EQUIPMENT. AND PROVIDE NEW MOUNTING HARDWARE. (SEE POLE AND CONDUCTOR SCHEDULES).
- FURNISH & INSTALL EMERGENCY VEHICLE PRE-EMPTION EQUIPMENT (EVPE) PER CITY OF SAN DIEGO REQUIREMENTS.
- FURNISH AND INSTALL NO. 5 PULL BOX AS SHOWN.
- FURNISH AND INSTALL MAST ARM MOUNTED SIGN AS SHOWN.
- FURNISH AND INSTALL SIGN ON POLE AS NOTED ON PLAN.
- NOT IN USED.
- REMOVE EXISTING LEGENDS, PAVEMENT MARKINGS, AND CONFLICTING STRIPING BY GRINDING METHOD APPROVED BY CITY RESIDENT ENGINEER.
- APPLY 12-INCH THERMOPLASTIC WHITE CROSSWALK PER CALTRANS STANDARD PLAN A24E.
- TRENCH AND INSTALL 2" CONDUIT WITH NEW CONDUCTORS PER PLAN.
- TRENCH AND INSTALL 2" CONDUIT PER SDGE REQUIREMENTS.
- NOT IN USED.
- REMOVE EXISTING HPS LUMINAIRE AND REPLACE WITH INDUCTION LUMINAIRE. SEE POLE SCHEDULE.
- CONSTRUCT TYPE "A" CURB RAMP PER CITY OF SAN DIEGO STANDARD DRAWING NO. 132 AS SHOWN.
- PLACE THERMOPLASTIC TYPE IV (R) AS SHOWN ON PLAN PER CALTRANS STANDARD A24A.
- FURNISH AND INSTALL POST AND SIGN AS SHOWN.
- REMOVE AND SALVAGE EQUIPMENT.
- FOUNDATION TO BE REMOVED.
- ABANDON.



LABIB CASEM, TRAFFIC ENGINEER
 8/21/13
 PLANS FOR THE CONSTRUCTION OF TRAFFIC SIGNAL MODIFICATIONS AT
 ASH STREET @ 9TH AVENUE
 CITY OF SAN DIEGO, CALIFORNIA
 PUBLIC WORKS DEPARTMENT
 SHEET 5 OF 5 SHEETS
 WBS B-10198
 APPROVED: A. Palasayal 8/21/13
 FOR CITY ENGINEER DATE
 SUBMITTED BY: J. XIAO
 ASSOCIATE ENGINEER
 R. ABARABAR
 PROJECT ENGINEER
 202-1714
 CC827 COORDINATE
 1842-6279
 CC883 COORDINATE
 CONTRACTOR DATE STARTED
 INSPECTOR DATE COMPLETED 29619-5-D

TRAFFIC SIGNAL MODIFICATIONS

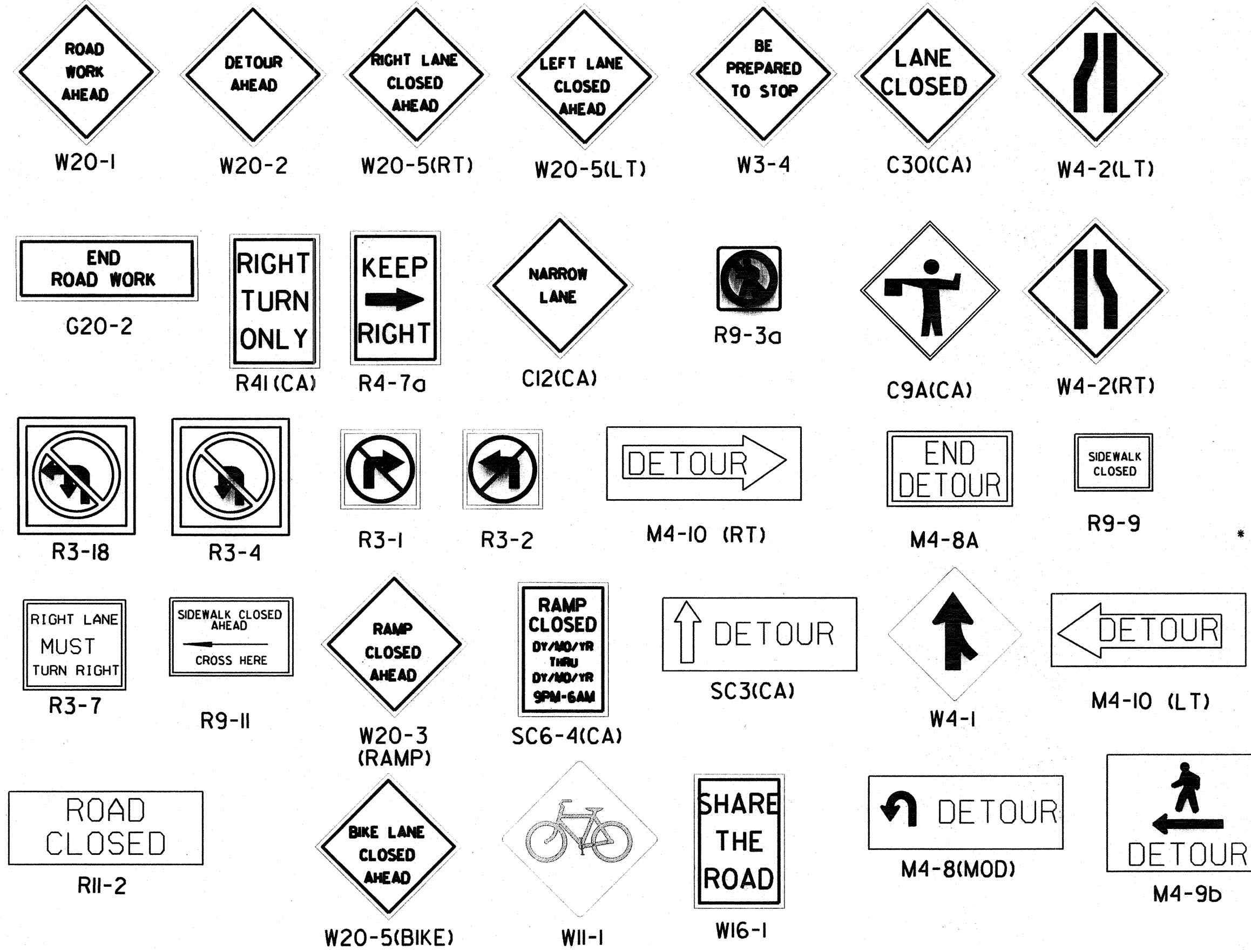
ASH STREET @ 9TH AVENUE TRAFFIC CONTROL PLANS

TRAFFIC CONTROL NOTES:

- VALIDATION. THIS TRAFFIC CONTROL PLAN IS NOT VALID UNTIL WORK DATES ARE APPROVED. THE CONTRACTOR SHALL, PER SECTION 7-10.1.3 OF THE CONTRACT SPECIAL PROVISIONS, CALL THE ENGINEERING TRAFFIC CONTROL SECTION AT (858) 495-4741 TO OBTAIN A PERMIT. THE CONTRACTOR MUST CALL A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO STARTING WORK, OR FIVE (5) WORKING DAYS WHEN THE WORK WILL AFFECT A TRAFFIC SIGNAL.
- STANDARDS. THIS TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST RECENTLY ADOPTED EDITION OF EACH OF THE FOLLOWING MANUALS:
 - CITY OF SAN DIEGO STANDARD DRAWINGS, APPENDIX "A";
 - CALTRANS MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES; AND
 - STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK"), INCLUDING REGIONAL AND CITY OF SAN DIEGO SUPPLEMENT AMENDMENTS.
- NOTIFICATIONS. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AFFECTED AGENCIES A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY EXCAVATION, CONSTRUCTION OR TRAFFIC CONTROL:

FIRE DEPARTMENT DISPATCH	(STREET OR ALLEY CLOSURE)	(858) 573-1300
POLICE DEPARTMENT TRAFFIC	(STREET OR ALLEY CLOSURE)	(858) 495-7800
WASTE MANAGEMENT DEPT.	(REFUSE COLLECTION)	(858) 694-7000
STREET DIVISION/ELECTRICAL	(TRAFFIC SIGNALS)	(619) 527-7500
SAN DIEGO TRANSIT	(BUS STOPS)	(619) 238-0100 x424
MTDB	(TAXI ZONES)	(619) 595-7030
UNDERGROUND SERVICE ALERT	ANY EXCAVATION)	(800) 422-4133
- THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND TENANTS A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF DRIVEWAYS. THE CONTRACTOR SHALL POST SIGNS NOTIFYING THE PUBLIC A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO CLOSURE OF STREETS.
- POSTING NO PARKING SIGNS. THE CONTRACTOR SHALL POST 'TOW-AWAY/NO PARKING' SIGNS TWENTY-FOUR (24) HOURS IN ADVANCE FOR TEMPORARY PARKING REMOVAL. SIGNS SHALL INDICATE SPECIFIC DAYS, DATES, AND TIMES OF RESTRICTIONS.
- EXCAVATIONS. EXCEPT AS SHOWN ON THE PLANS, TRENCHES SHALL BE BACKFILLED OR TRENCH-PLATED AT THE END OF EACH WORK DAY. AN ASPHALT RAMP SHALL BE PLACED AROUND EACH TRENCH PLATE TO PREVENT THE PLATE FROM BEING DISLODGED. UPON COMPLETION OF EXCAVATION BACKFILL, THE CONTRACTOR SHALL PROVIDE A SATISFACTORY SURFACE FOR TRAFFIC. WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVELY IN PROGRESS, THE CONTRACTOR SHALL MAINTAIN ALL TRAVEL LANES OPEN TO TRAFFIC, EXCEPT AS SHOWN ON THE PLANS.
- RESTORATION OF TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL REPAIR OR REPLACE TRAFFIC CONTROL DEVICES (INCLUDING TRAFFIC SIGNS, STRIPING, PAVEMENT MARKERS, PAVEMENT MARKINGS, LEGENDS, CURB MARKINGS, LOOP DETECTORS, TRAFFIC SIGNAL EQUIPMENT, ETC.) DAMAGED OR REMOVED AS A RESULT OF OPERATIONS AND NOT DESIGNATED FOR REMOVAL. REPAIRS AND REPLACEMENTS SHALL BE EQUAL TO EXISTING IMPROVEMENTS. LOOP DETECTORS SHALL BE REPLACED WITHIN THREE (3) WORKING DAYS OF COMPLETION OF UNDERGROUND WORK.
- CHANGES IN WORK. THE RESIDENT ENGINEER WILL OBSERVE THESE TRAFFIC CONTROL PLANS IN OPERATION AND RESERVES THE RIGHT TO MAKE CHANGES AS THE FIELD CONDITIONS WARRANT. SUCH CHANGES SHALL SUPERSEDE THESE PLANS.
- FOR WORK NOT COVERED BY THESE TRAFFIC CONTROL PLANS, THE CONTRACTOR SHALL, PER SECTION 7-10.1.1 OF THE CONTRACT SPECIAL PROVISIONS, PREPARE TRAFFIC CONTROL SHOP DRAWINGS AND SUBMIT THEM TO THE RESIDENT ENGINEER. THE CONTRACTOR SHALL ALLOW A MINIMUM OF TWENTY (20) WORKING DAYS FOR REVIEW OF THE SHOP DRAWINGS. UPON APPROVAL OF THE TRAFFIC CONTROL PLAN, THE ENGINEERING TRAFFIC CONTROL SECTION WILL ISSUE A TRAFFIC CONTROL PLAN (TCP) PERMIT FOR THIS WORK.

TRAFFIC CONTROL SIGNS



NOTE: ALL SIGNS ARE STANDARD SIZE

MINIMUM OF 5 WORKING DAYS
NOTIFICATION REQUIRED FOR
CONSTRUCTION WORK WHICH
AFFECTS TRAFFIC SIGNALS
CALL (858) 495-4741

WORK HOURS
9:00PM - 5:00AM

TABLE 1
RECOMMENDED SIGN SPACING FOR ADVANCE WARNING SIGN SERIES

APPROACH SPEED (MPH)	MINIMUM DISTANCE IN FEET BETWEEN SIGNS AND FROM LAST SIGN TO TAPER	MAXIMUM DEVICE SPACING IN FEET	MINIMUM TAPER LENGTHS FOR LANE WIDTHS*		
			10 FT	11 FT	12 FT
25	150-200	25	105	115	125
30	200-300	30	150	165	180
35	250-400	35	205	225	245
40	350-500	40	265	295	320
45	500-750	45	450	495	540
50	500-1000	50	500	550	600
55+	500-1500	50	550	605	660

* L = WS² / 60 FOR SPEED OF 40 MPH OR LESS; L = WS FOR SPEED GREATER THAN 40 MPH. TAPER LENGTHS SHOWN ARE ROUNDED TO NEAREST 5 FEET.

TABLE 2
RECOMMENDED TAPER LENGTH AND DEVICE SPACING FOR CHANNELIZING TAPERS

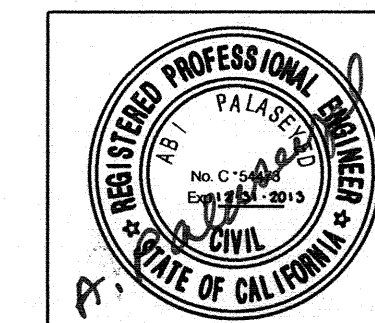
APPROACH SPEED (MPH)	TAPER LENGTH (L)*	SPACING OF CONES ALONG TAPER (FEET) †	TAPER FORMULA	
			L = S x W	for speeds greater than 40 mph
25	125	25	L = $\frac{W \times S^2}{60}$	for speeds of 40 mph or less
30	180	30		
35	245	35		
40	320	40		
45	540	45		
50	600	50		
50+	660	50		

* BASED ON 12-FOOT WIDE LANE. THIS COLUMN IS ALSO APPROPRIATE FOR LANE WIDTHS LESS THAN 12 FEET

LEGEND

- DELINATOR OR CONE
- SIGN
- TRAFFIC DIRECTIONAL ARROW
- WORKING AREA
- FLASHING ARROW BOARD
- BARRICADE

TRAFFIC CONTROL



LABIB OUSEM, TRAFFIC ENGINEER		6/11/13 DATE
ASH STREET @ 9TH AVENUE TRAFFIC CONTROL		
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 1 OF 7 SHEETS		WBS B-10198
APPROVED BY FOR CITY ENGINEER	7/10/2013 DATE	DESIGNED BY JIE XIAO ASSOCIATE ENGINEER
DESCRIPTION ORIGINAL	BY CS	CHECKED BY CORSON SMITH PROJECT ENGINEER
		202-1719 CDS27 COORDINATE
		1842444-6280407 CDS83 COORDINATE
CONTRACTOR INSPECTOR	DATE STARTED DATE COMPLETED	29619-T1-D

MATCHLINE
SHEET T-3

BEECH ST

ASH ST

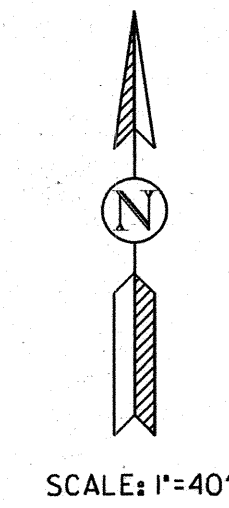
09TH AV

10TH AV

PHASE I
- TRENCHING



TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL
COORDINATE WITH TRAFFIC CONTROL AND
SIGNAL SECTION (858-495-4741) A MINIMUM OF
5 (FIVE) WORKING DAYS PRIOR TO WORK
AFFECTING A TRAFFIC SIGNAL.
TRAFFIC SIGNAL TO REMAIN OPERATIONAL

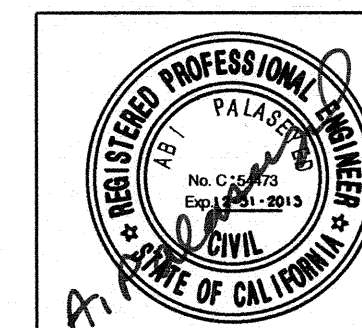
WORK HOURS
9:00PM - 5:00AM

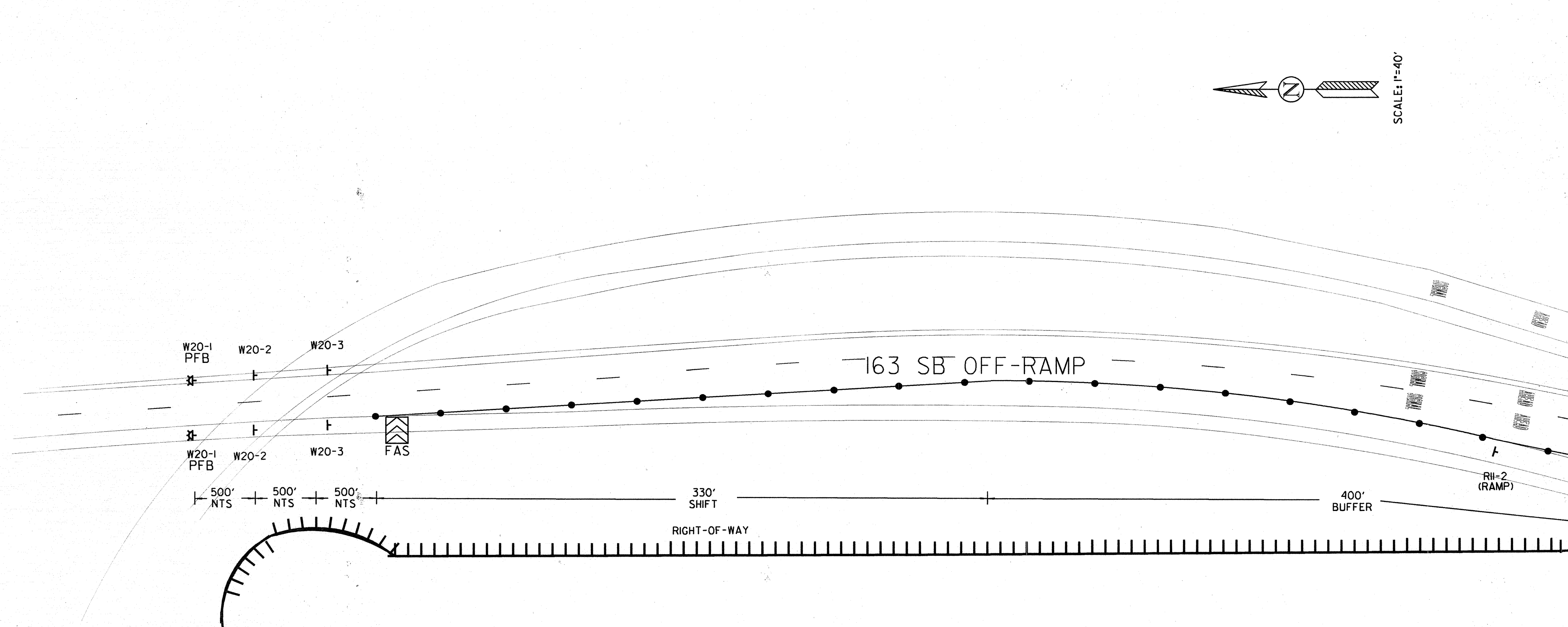


T-2

TRAFFIC CONTROL

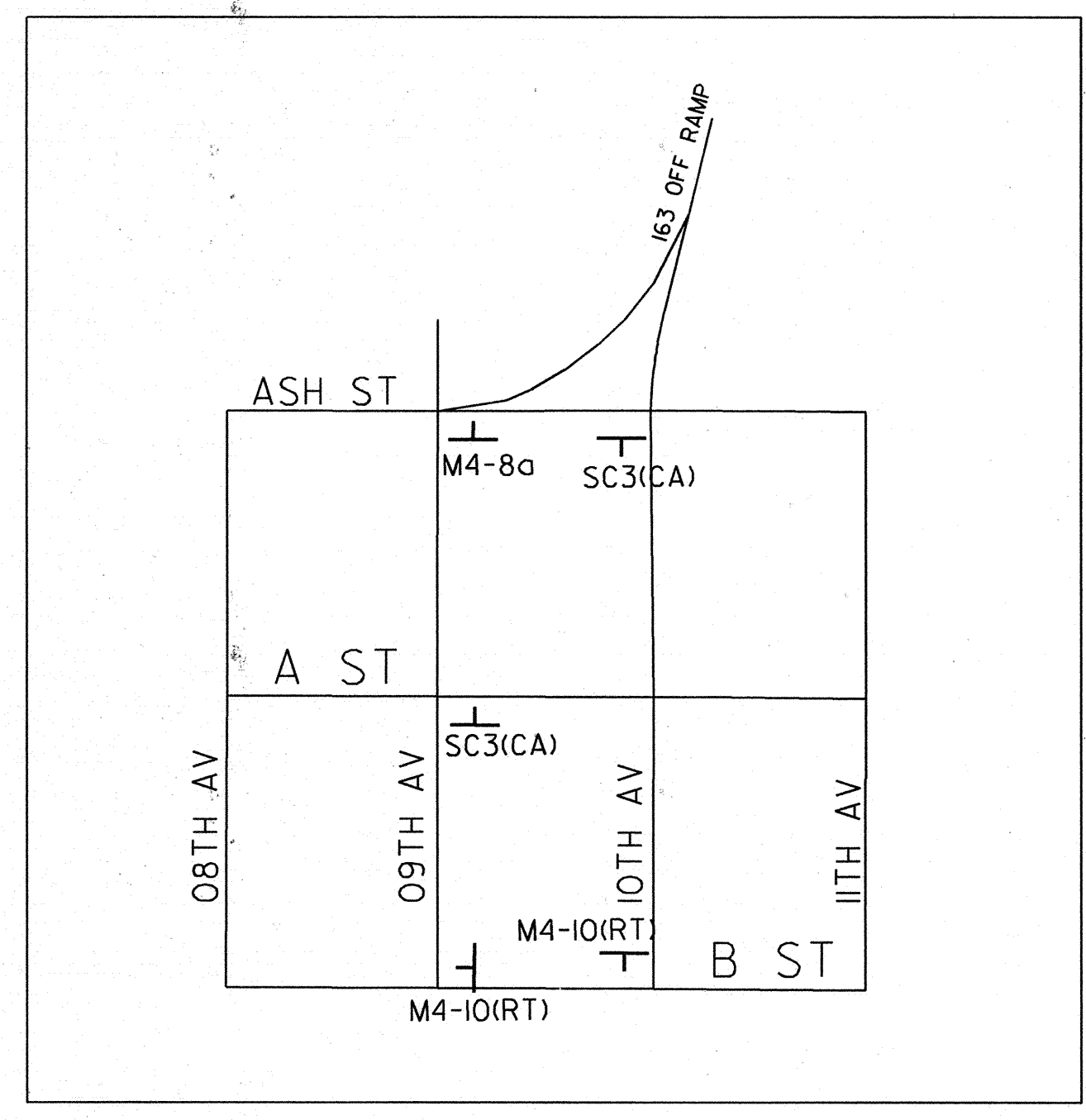
 LABIB OASEM, TRAFFIC ENGINEER		6/11/13 DATE	
ASH STREET @ 9TH AVENUE TRAFFIC CONTROL			
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 2 OF 7 SHEETS			WBS B-10198
APPROVED BY  FOR CITY ENGINEER		07/10/2013 DATE	
CHECKED BY CORSON SMITH PROJECT ENGINEER		202-1719 CCS27 COORDINATE	
CONTRACTOR INSPECTOR		DATE STARTED DATE COMPLETED	
		1842444-6280407 CCS88 COORDINATE 29619-T2-D	





MATCHLINE
SHEET T-2

DETOUR MAP





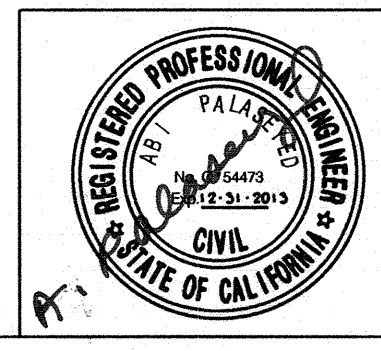
TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858-495-4741) A MINIMUM OF 5 (FIVE) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.
TRAFFIC SIGNAL TO REMAIN OPERATIONAL

WORK HOURS
9:00PM - 5:00AM

PHASE I
- TRENCHING

T-3

 LABIB OASEEM, TRAFFIC ENGINEER		6/11/13 DATE
ASH STREET @ 9TH AVENUE TRAFFIC CONTROL		
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 3 OF 7 SHEETS		WBS B-10198
APPROVED BY:  FOR CITY ENGINEER	07/10/2013 DATE	DESIGNED BY: JIE XIAO ASSOCIATE ENGINEER
DESCRIPTION ORIGINAL	BY CS	APPROVED DATE FILMED
CHECKED BY: CORSON SMITH PROJECT ENGINEER		202-1719 CCS27 COORDINATE
CONTRACTOR INSPECTOR		1842444-6280407 CCS83 COORDINATE 29619-T3-D



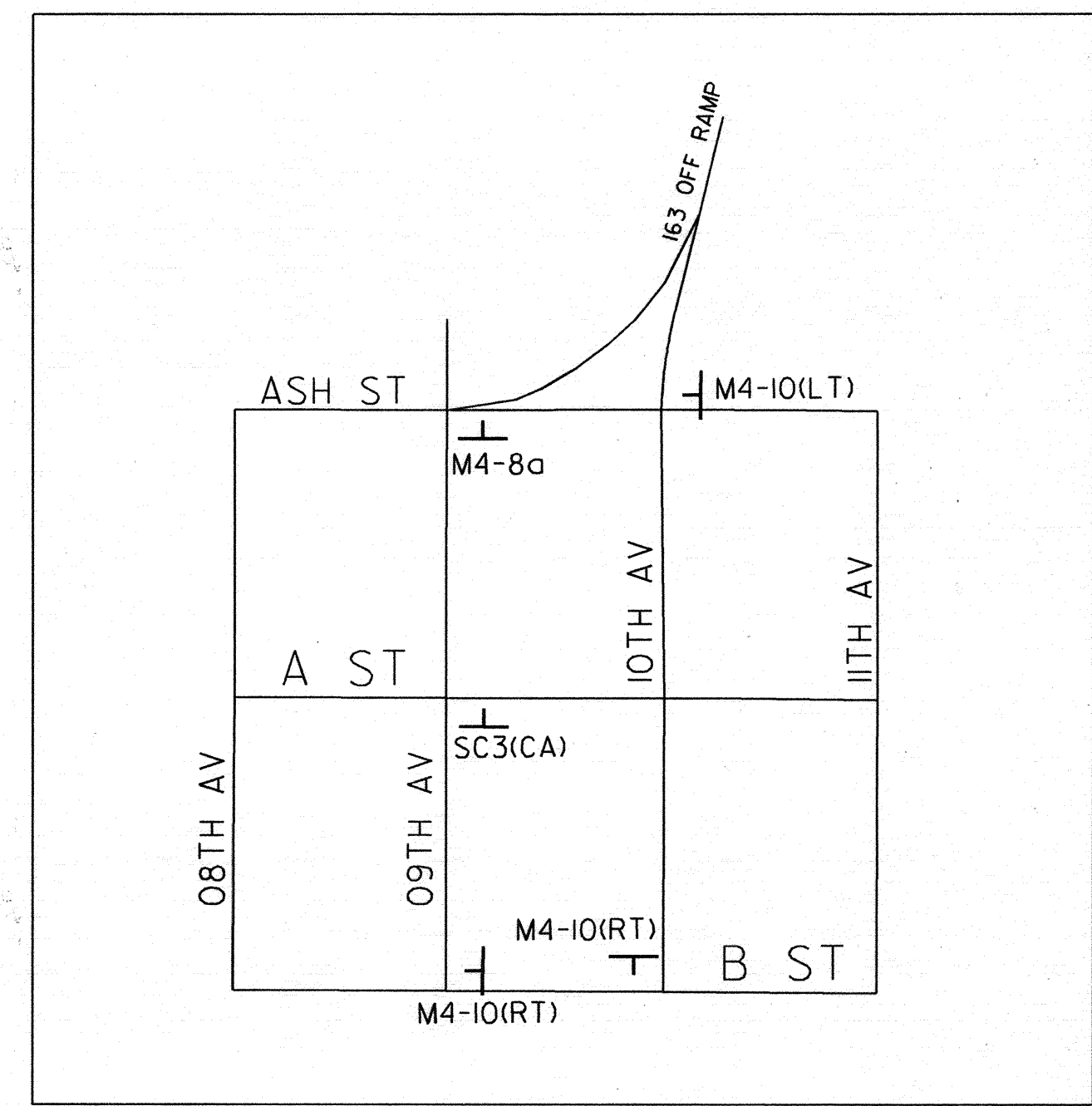
TRAFFIC CONTROL

BEECH ST

PHASE II

- TRENCHING

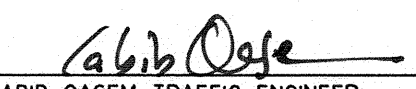

DETOUR MAP

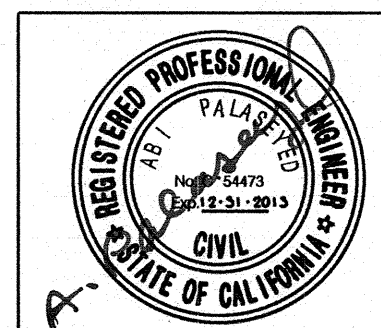


WORK HOURS
 9:00PM - 5:00AM

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858-495-4741) A MINIMUM OF 5 (FIVE) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.
 TRAFFIC SIGNAL TO REMAIN OPERATIONAL

T-4

 LABIB OASEEM, TRAFFIC ENGINEER		6/11/13 DATE	
ASH STREET @ 9TH AVENUE TRAFFIC CONTROL			
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 4 OF 7 SHEETS		WBS B-10198	
APPROVED BY:  FOR CITY ENGINEER		DATE: 07/10/2013 ASSOCIATE ENGINEER	
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	CS		
CHECKED BY: CORSON SMITH PROJECT ENGINEER		202-1719 CCS27 COORDINATE	
		1842444-6280407 CCS83 COORDINATE	
CONTRACTOR	INSPECTOR	DATE STARTED	DATE COMPLETED
			29619-T4-D



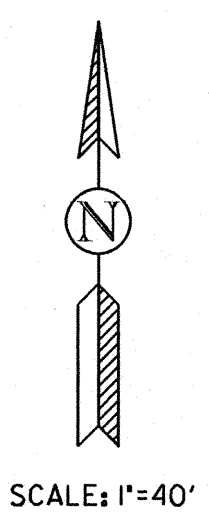
ASH ST

09TH AV

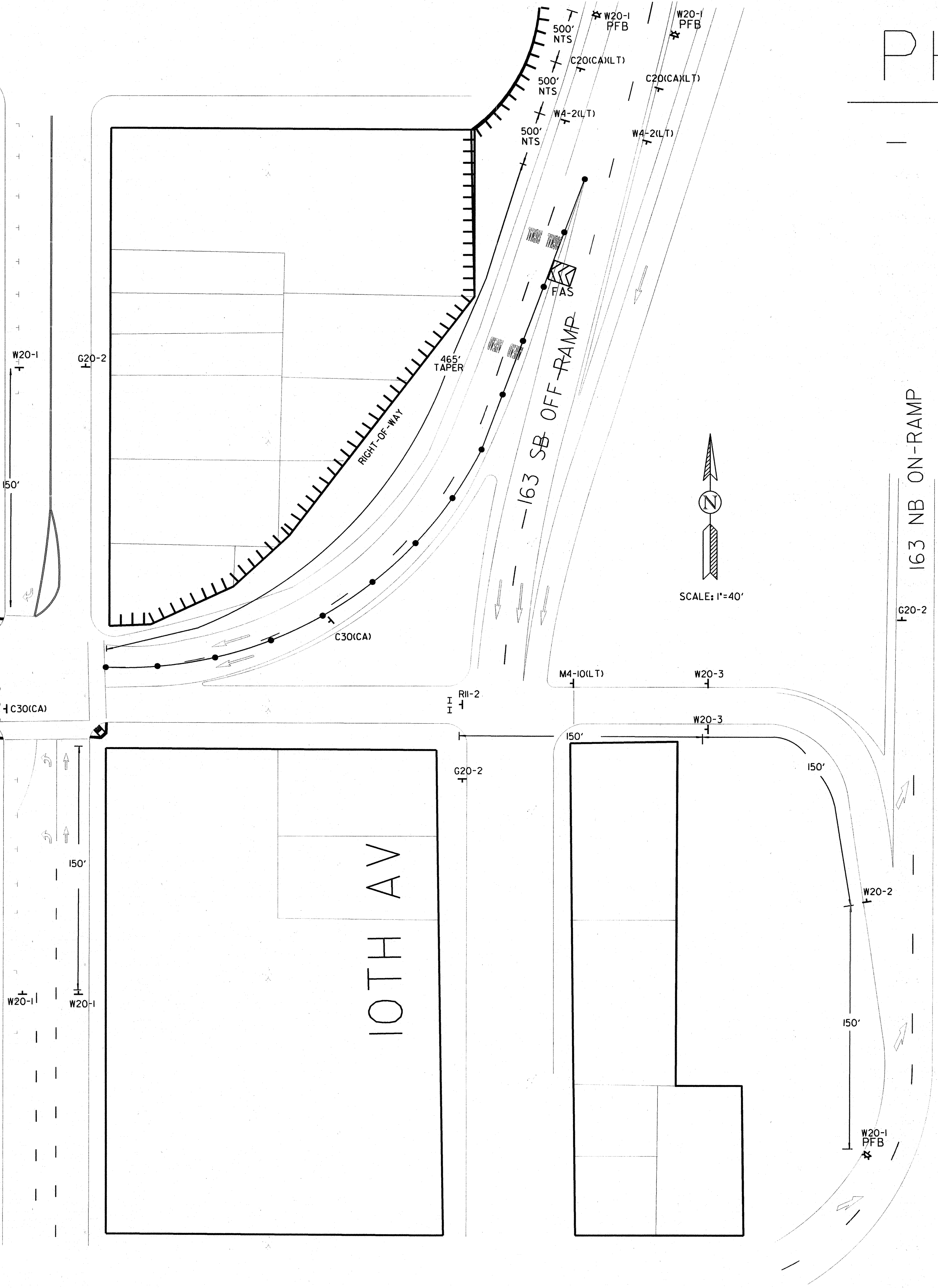
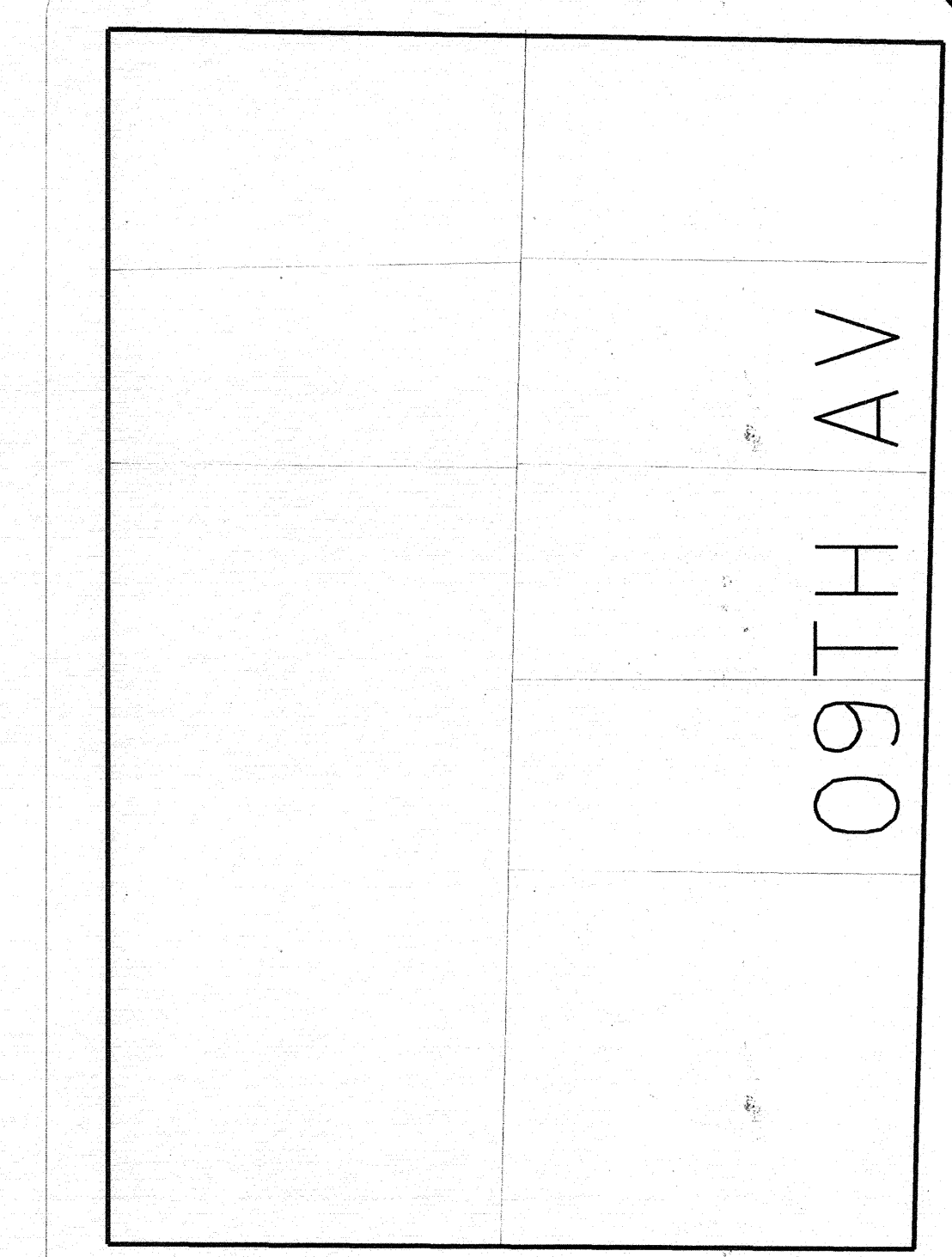
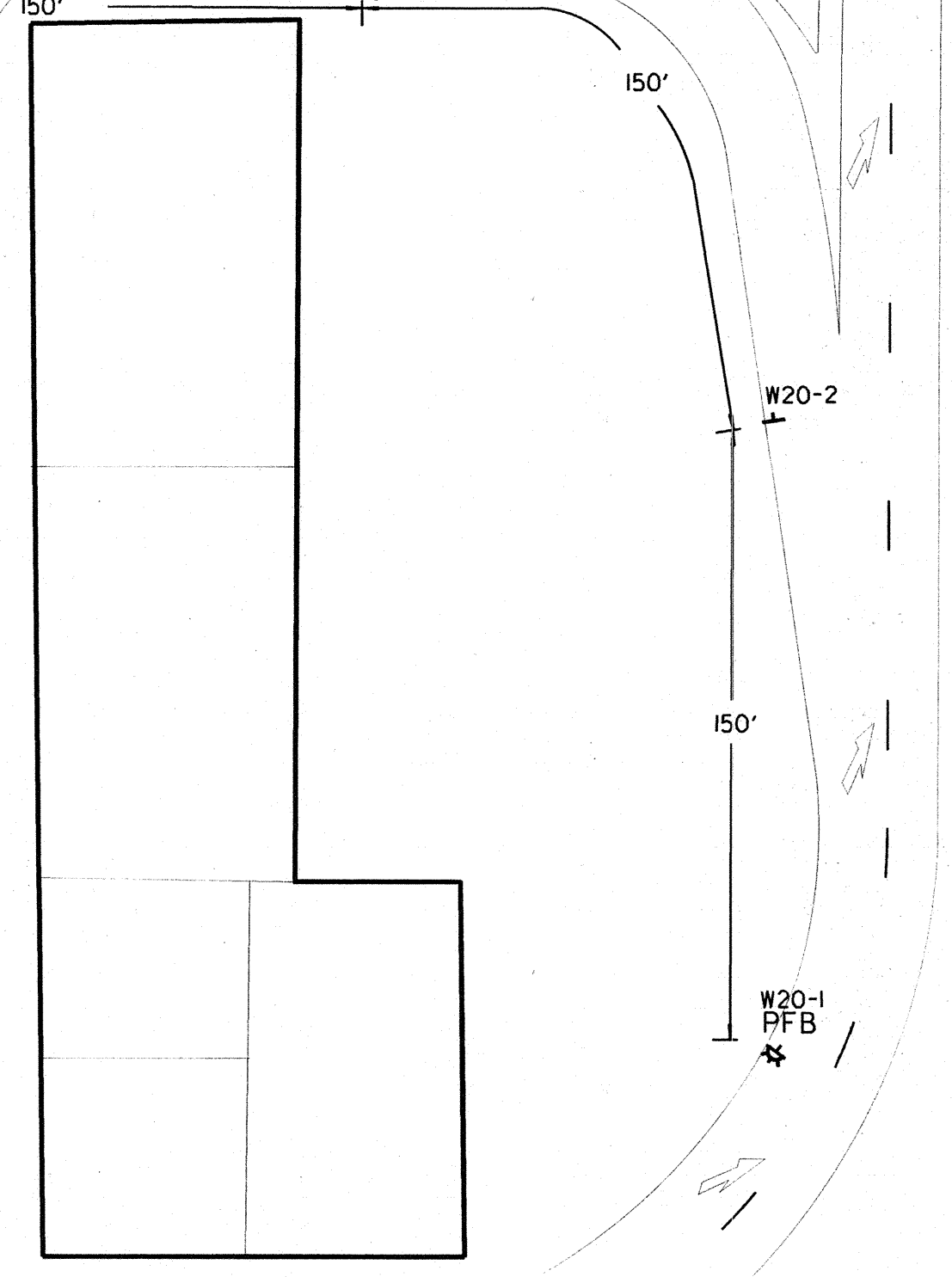
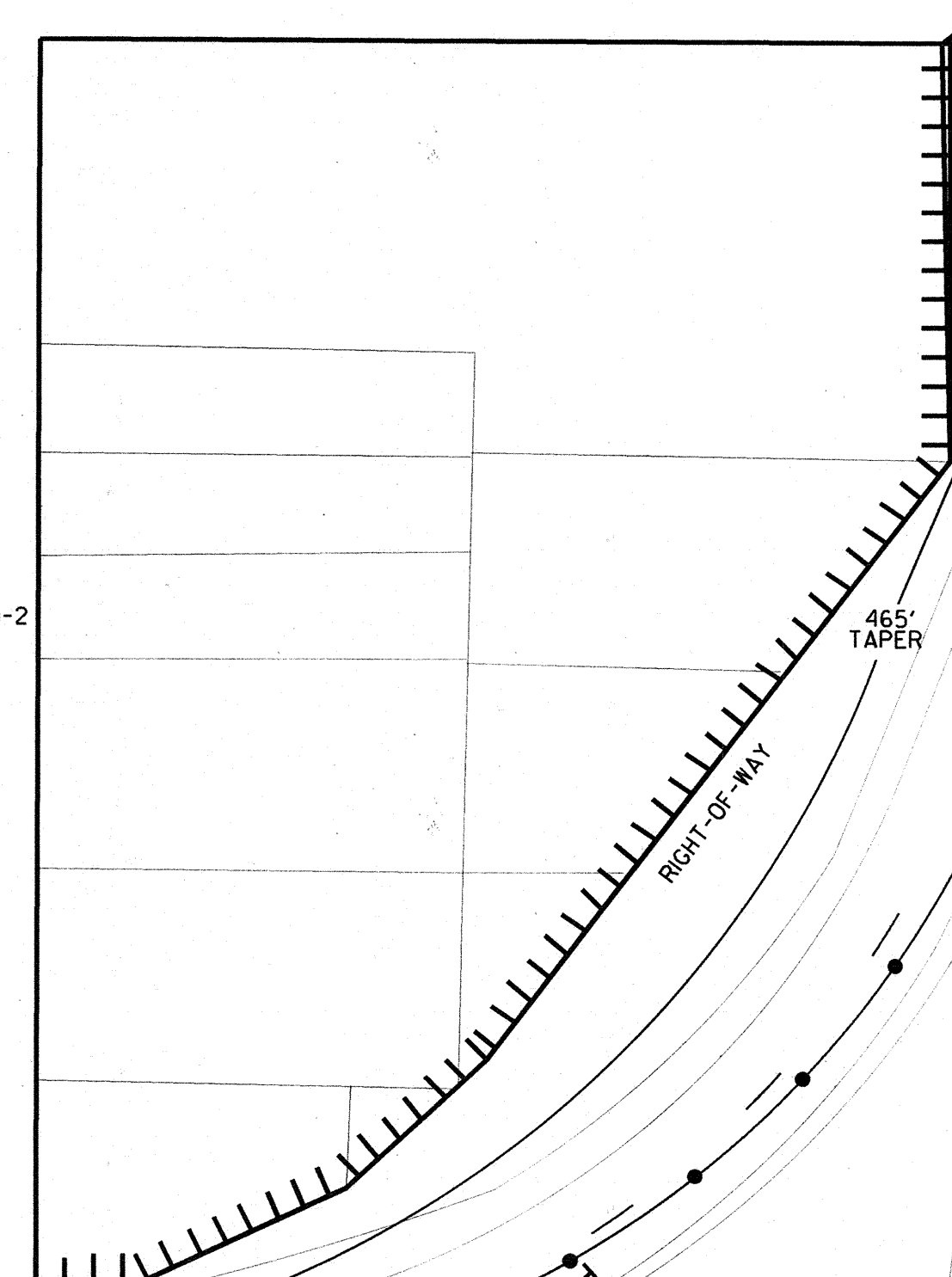
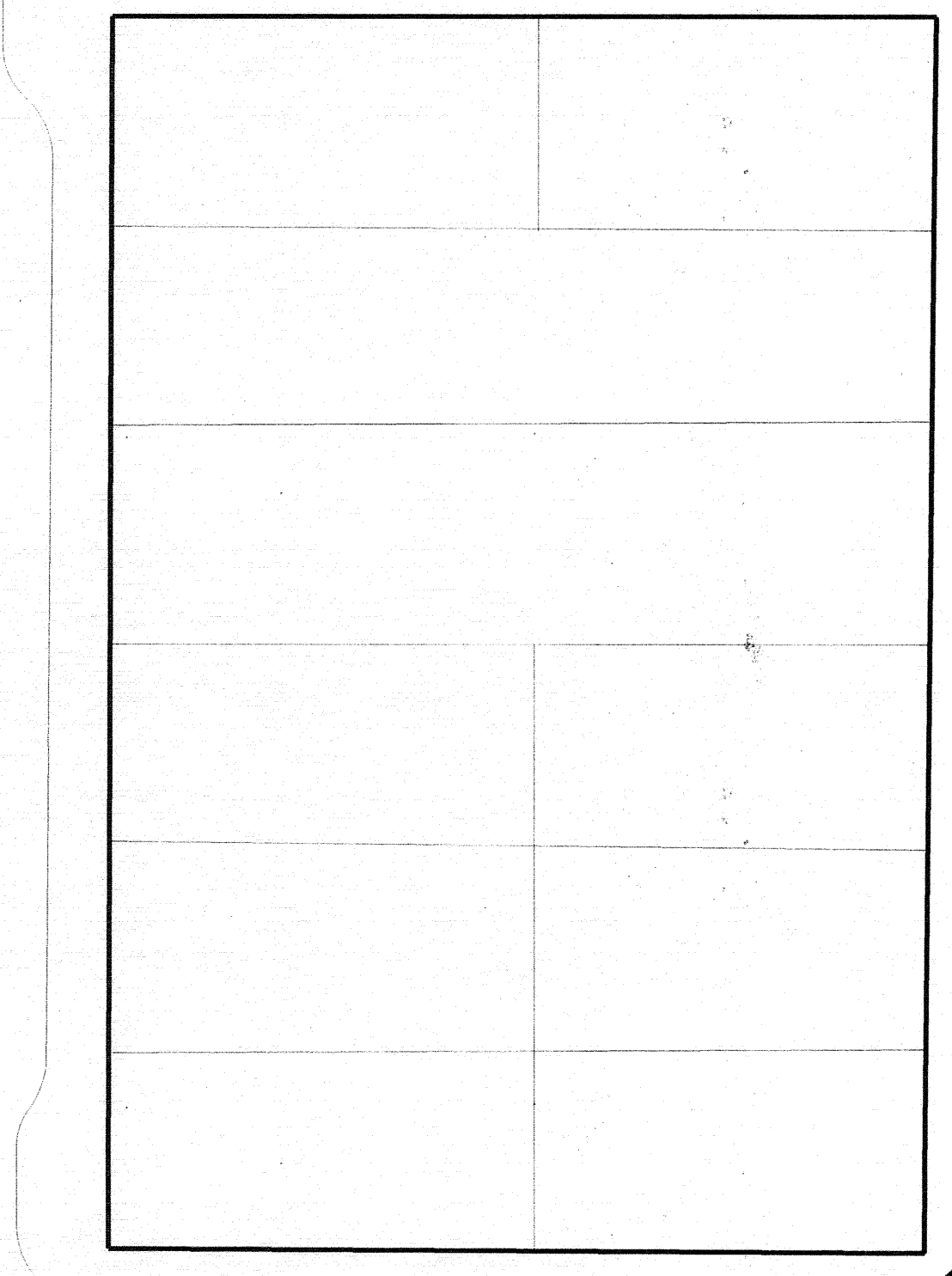
10TH AV

163 NB ON-RAMP

163 SB OFF-RAMP



RIGHT-OF-WAY



PHASE III

- CURB RAMP
- TRAFFIC SIGNAL MAST ARM

MATCHLINE
BELOW LEFT

MATCHLINE
ABOVE RIGHT

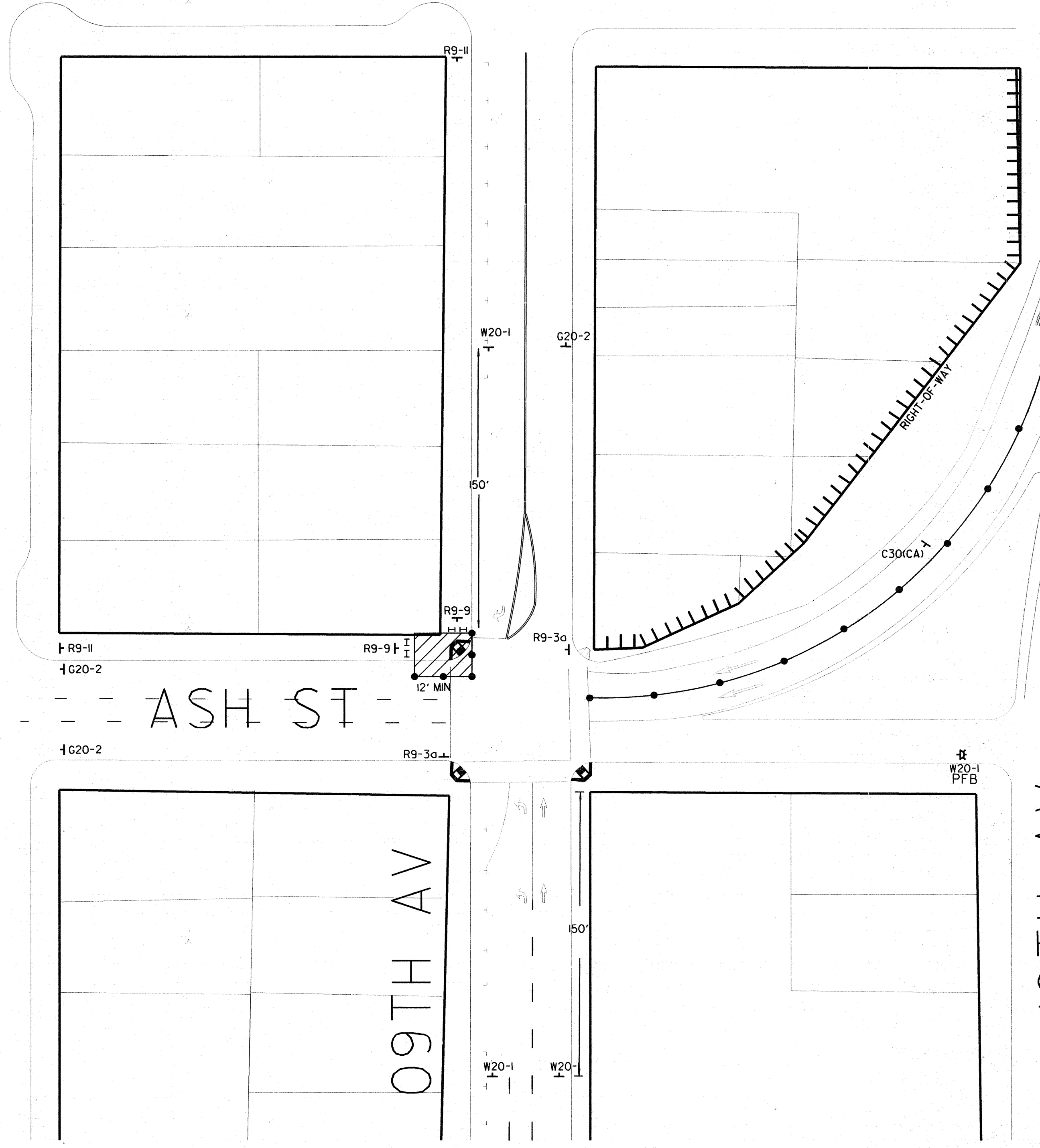
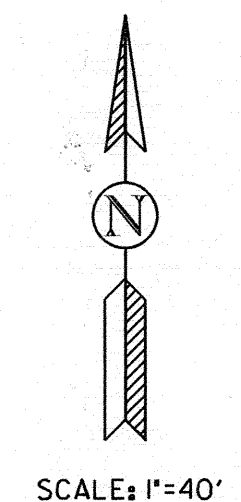
465'
TAPER

400'
BUFFER

463-SB OFF-RAMP

WORK HOURS
9:00PM - 5:00AM

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL
COORDINATE WITH TRAFFIC CONTROL AND
SIGNAL SECTION (858-495-4741) A MINIMUM OF
5 (FIVE) WORKING DAYS PRIOR TO WORK
AFFECTING A TRAFFIC SIGNAL.
TRAFFIC SIGNAL TO REMAIN OPERATIONAL




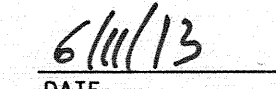

ASH ST

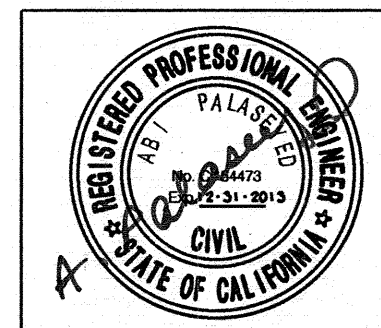
9TH AV

10TH AV

T-5

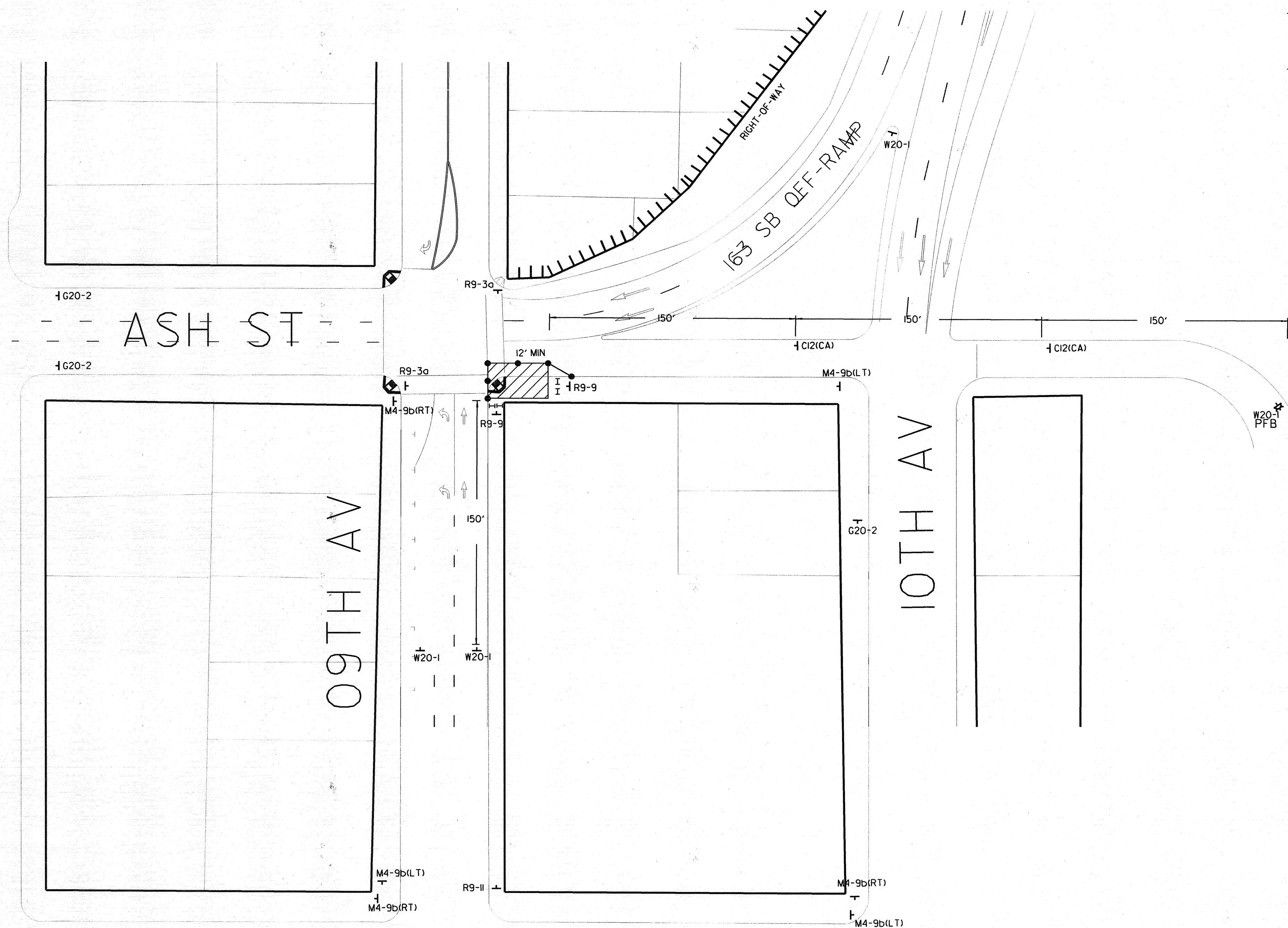
TRAFFIC CONTROL

 LABIB OASEM, TRAFFIC ENGINEER		 DATE	
ASH STREET @ 9TH AVENUE TRAFFIC CONTROL			
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 5 OF 7 SHEETS		WBS B-10198	
APPROVED BY:  FOR CITY ENGINEER		DATE: 07/10/2013 PROJECT ENGINEER: JIE XIAO	
CHECKED BY: CORSON SMITH PROJECT ENGINEER		202-1719 CCS27 COORDINATE	
CONTRACTOR: _____ INSPECTOR: _____		DATE STARTED: _____ DATE COMPLETED: _____	
		1842444-6280407 CCS88 COORDINATE 29619-T5-D	



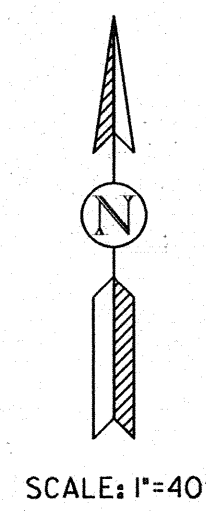
PHASE IV

- CURB RAMP
- TRAFFIC SIGNAL SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD




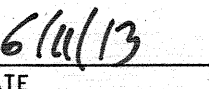

TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858-495-4741) A MINIMUM OF 5 (FIVE) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.
TRAFFIC SIGNAL TO REMAIN OPERATIONAL

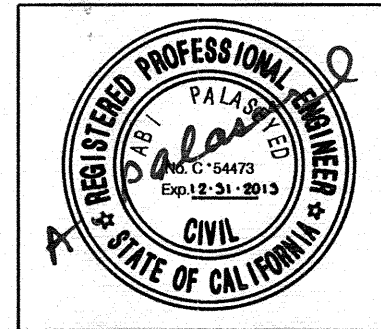
WORK HOURS
9:00PM - 5:00AM



SCALE: 1"=40'

T-6

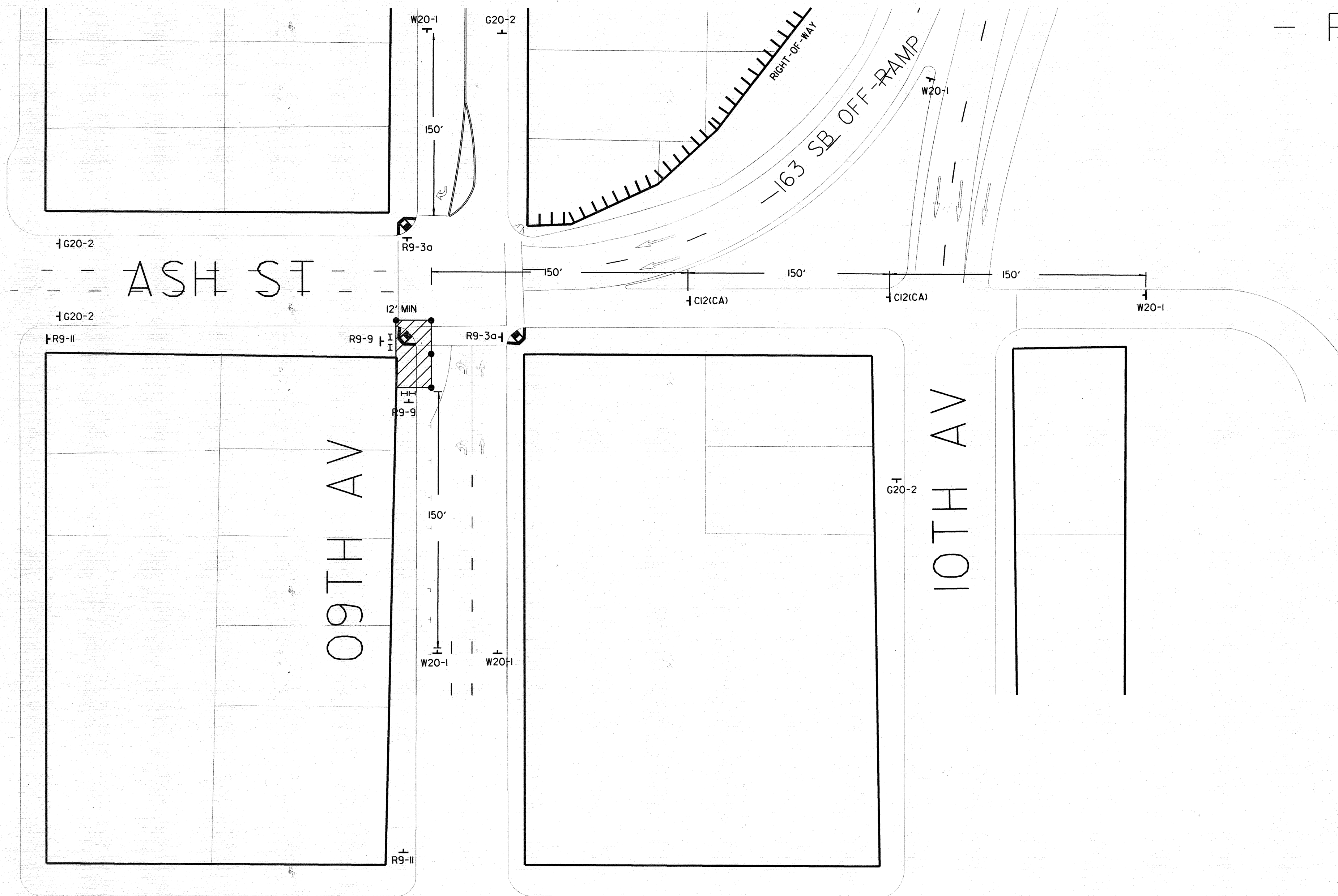
 LABIB OUSEM, TRAFFIC ENGINEER		 DATE
ASH STREET @ 9TH AVENUE TRAFFIC CONTROL		
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 6 OF 7 SHEETS		WBS B-10198
APPROVED BY:  FOR CITY ENGINEER	DATE 07/10/2013	DESIGNED BY: JIE XIAO ASSOCIATE ENGINEER
DESCRIPTION ORIGINAL	BY CS	APPROVED DATE FILMED
ORDERED BY: CORSON SMITH PROJECT ENGINEER		202-1719 CCS27 COORDINATE 1842444-6280407 CCS83 COORDINATE
CONTRACTOR INSPECTOR	DATE STARTED DATE COMPLETED	29619-T6-D



TRAFFIC CONTROL

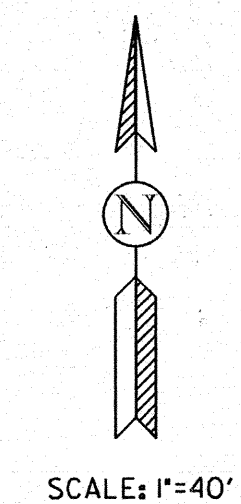
PHASE V

- CURB RAMP
- TRAFFIC SIGNAL SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD



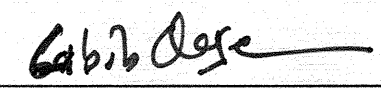
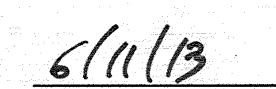
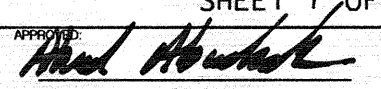
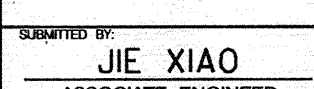
TRAFFIC SIGNAL NOTE: CONTRACTOR SHALL COORDINATE WITH TRAFFIC CONTROL AND SIGNAL SECTION (858-495-4741) A MINIMUM OF 5 (FIVE) WORKING DAYS PRIOR TO WORK AFFECTING A TRAFFIC SIGNAL.
TRAFFIC SIGNAL TO REMAIN OPERATIONAL

WORK HOURS
9:00PM - 5:00AM



T-7

TRAFFIC CONTROL

 LABIB GASEEM, TRAFFIC ENGINEER		 DATE
ASH STREET @ 9TH AVENUE TRAFFIC CONTROL		
CITY OF SAN DIEGO, CALIFORNIA ENGINEERING AND CAPITAL PROJECTS DEPARTMENT SHEET 7 OF 7 SHEETS		WBS B-10198
APPROVED BY:  FOR CITY ENGINEER		DATE: 07/10/2013
AUTHORIZED BY:  PROJECT ENGINEER		ASSOCIATE ENGINEER: JIE XIAO
DESCRIPTION: ORIGINAL	BY: CS	APPROVED: [] DATE: [] FILMED: []
CONTRACTOR: _____ INSPECTOR: _____		DATE STARTED: _____ DATE COMPLETED: _____
		202-1719 CCS27 COORDINATE 1842444-6280407 CCS83 COORDINATE
		29619-T7-D

