

Mr. Hani Assi, Secretary  
Tri-Group Const. and Development, Inc.  
9580 Black Mountain Road, Suite L  
San Diego, CA 92126

**City of San Diego, so P: (858) 689-0058 F: (858) 689-1594 led Successor Agency  
to the Redevelopment Agency of the City of San Diego, a former public  
body, corporate and politic, herein referred to as**

# Successor Agency

CONTRACTOR'S NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
TELEPHONE NO.: \_\_\_\_\_ FAX NO.: \_\_\_\_\_  
CITY CONTACT: DAMIAN SINGLETON, Contract Specialist, Email: Dsingleton@sandiego.gov  
Phone No. (619) 533-3482, Fax No. (619) 533-3633  
G.Sorenson/BDoringo/egz

## CONTRACT DOCUMENTS FOR

### ORIGINAL



## PARK BOULEVARD AND SAN DIEGO HIGH SCHOOL PEDESTRIAN TRAFFIC SIGNAL AND STREETScape IMPROVEMENTS

VOLUME 1 OF 2

BID NO.: \_\_\_\_\_ K-15-6221-DBB-3-A  
SAP NO. (WBS/IO/CC): \_\_\_\_\_ 24001299  
CLIENT DEPARTMENT: \_\_\_\_\_ 2116  
COUNCIL DISTRICT: \_\_\_\_\_ 3  
PROJECT TYPE: \_\_\_\_\_ IK / II

**THIS CONTRACT IS SUBJECT TO THE FOLLOWING:**

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- BID DISCOUNT PROGRAM (The WHITEBOOK, SLBE-ELBE Program Requirements, Section IV(2))
- PREVAILING WAGE RATES: STATE  FEDERAL
- THIS IS A SANDAG FUNDED CONTRACT
- THIS IS A SMART GROWTH INCENTIVE PROGRAM

**BID DUE DATE:**

**2:00PM  
FEBRUARY 19, 2015  
CITY OF SAN DIEGO  
PUBLIC WORKS CONTRACTS  
1010 SECOND AVENUE, 14<sup>th</sup> FLOOR, MS 614C  
SAN DIEGO, CA 92101**

# ENGINEER OF WORK

The technical content of the engineering Specifications and Special Provisions contained herein has been prepared by or under the direction of the following Professional Engineer:

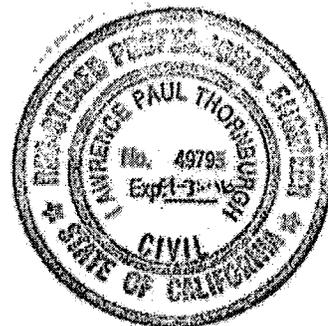


1) Registered Engineer, Lawrence Thornburgh

1-21-15

Date

Seal:



**ORIGINAL**

The contractual content of the engineering Specifications and Special Provisions contained herein has been reviewed by the following Professional Engineer:

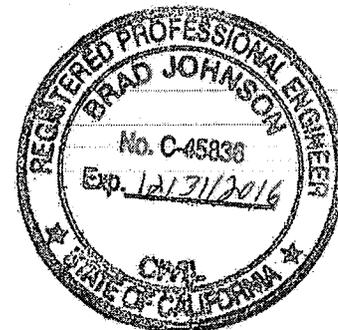


2) For City Engineer, Brad Johnson

1/22/2015

Date

Seal:



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The Successor Agency is defined in SECTION 1 – TERMS, DEFINITIONS, ABBREVIATIONS, UNITS OF MEASURE, AND SYMBOLS of Volume 1 of this solicitation. **All references herein to City shall be deemed to refer to the Successor Agency where necessary to identify the agency in privity of contract for the performance of this project.**

# CITY OF SAN DIEGO, CALIFORNIA

## NOTICE INVITING BIDS

1. **RECEIPT AND OPENING OF BIDS:** Bids will be received at the Public Works Contracts at the location, time, and date shown on the cover of these specifications for performing work on **Park Boulevard and San Diego High School Pedestrian Traffic Signal and Streetscape Improvements** (Project).
2. **SUMMARY 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 in ATTACHMENT A.
3. **BIDS ARE PUBLIC RECORDS:** Upon receipt by the City, Bids shall become public records subject to public disclosure. It is the responsibility of the respondent to clearly identify any confidential, proprietary, trade secret or otherwise legally privileged information contained within the Bid. General references to sections of the California Public Records Act (PRA) will not suffice. If the Contractor does not provide applicable case law that clearly establishes that the requested information is exempt from the disclosure requirements of the PRA, the City shall be free to release the information when required in accordance with the PRA, pursuant to any other applicable law, or by order of any court or government agency, and the Contractor will hold the City harmless for release of this information.
4. **SUBCONTRACTING PARTICIPATION PERCENTAGES:**
  - 4.1. The City has incorporated **mandatory** SLBE-ELBE subcontractor participation percentages to enhance competition and maximize subcontracting opportunities. For the purpose of achieving the mandatory subcontractor participation percentages, a recommended breakdown of the SLBE and ELBE subcontractor participation percentages based upon certified SLBE and ELBE firms has also been provided to achieve the mandatory subcontractor participation percentages:

1. SLBE participation	<b>11.1%</b>
2. ELBE participation	<b>22.3%</b>
3. Total mandatory participation	<b>33.4%</b>
  - 4.2. The Bidders are **strongly encouraged** to attend the Pre-Bid Meeting to better understand the Good Faith Effort requirements of this contract. See the City's document titled "SLBE Program, Instructions For Bidders Completing The Good Faith Effort Submittal" available at: <http://www.sandiego.gov/eoc/>
  - 4.3. The Bid will be declared non-responsive if the Bidder fails the following mandatory conditions:
    - 4.3.1. Bidder's inclusion of SLBE-ELBE certified subcontractors at the overall mandatory participation percentage identified in this document; OR.
    - 4.3.2. Bidder's submission of Good Faith Effort documentation demonstrating the Bidder made a good faith effort to outreach to and include SLBE-ELBE

Subcontractors required in this document within **3 Working Days** of the Bid opening if the overall mandatory participation percentage is not met.

4.4. For additional Equal Opportunity Contracting Program requirements, see Attachment C.

**5. PRE-BID MEETING:**

5.1. 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 Contracts, Conference Room at 1010 Second Avenue, 14<sup>th</sup> Floor, San Diego, CA 92101 at **10:00 AM**, on **JANUARY 29, 2015**.

5.2. All potential bidders are encouraged to attend.

5.3. 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 Contracts at (619) 533-3450 at least 5 Working Days prior to the Pre-Bid Meeting to ensure availability.

**6. CONTRACTOR REGISTRATION AND ELECTRONIC REPORTING SYSTEM:**

6.1. **Prior** to the Award of the Contract or each Task Order, you and your Subcontractors and Suppliers must register with the City's web-based vendor registration and bid management system, BidsOnline™ hosted by PlanetBids System. For additional information go to:

<http://www.sandiego.gov/purchasing/bids-contracts/vendorreg.shtml>.

6.2. 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.

7. **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.

8. **PREVAILING WAGE RATES:** Pursuant to San Diego Municipal Code section 22.3019, construction, alteration, demolition, repair and maintenance work performed under this Contract is subject to State prevailing wage laws. For construction work performed under this Contract cumulatively exceeding \$25,000 and for alteration, demolition, repair and maintenance work performed under this Contract cumulatively exceeding \$15,000, the Contractor and its subcontractors shall comply with State prevailing wage laws including, but not limited to, the requirements listed below.

8.1. **Compliance with Prevailing Wage Requirements.** Pursuant to sections 1720 through 1861 of the California Labor Code, the Contractor and its subcontractors shall ensure that all workers who perform work under this Contract are paid not less

than the prevailing rate of per diem wages as determined by the Director of the California Department of Industrial Relations (DIR). This includes work performed during the design and preconstruction phases of construction including, but not limited to, inspection and land surveying work.

- 8.2. Copies of such prevailing rate of per diem wages are on file at the City and are available for inspection to any interested party on request. Copies of the prevailing rate of per diem wages also may be found at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Contractor and its subcontractors shall post a copy of the prevailing rate of per diem wages determination at each job site and shall make them available to any interested party upon request.
- 8.3. The wage rates determined by the DIR refer to expiration dates. If the published wage rate does not refer to a predetermined wage rate to be paid after the expiration date, then the 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 DIR, 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.
- 8.4. **Penalties for Violations.** Contractor and its subcontractors shall comply with California Labor Code section 1775 in the event a worker is paid less than the prevailing wage rate for the work or craft in which the worker is employed.
- 8.5. **Payroll Records.** Contractor and its subcontractors shall comply with California Labor Code section 1776, which generally requires keeping accurate payroll records, verifying and certifying payroll records, and making them available for inspection. Contractor shall require its subcontractors to also comply with section 1776. Contractor and its subcontractors shall submit weekly certified payroll records online via the City's web-based Labor Compliance Program. Contractor is responsible for ensuring its subcontractors submit certified payroll records to the City.
- 8.6. **Apprentices.** Contractor and its subcontractors shall comply with California Labor Code sections 1777.5, 1777.6 and 1777.7 concerning the employment and wages of apprentices. Contractor shall be held responsible for the compliance of their subcontractors with sections 1777.5, 1777.6 and 1777.7.
- 8.7. **Working Hours.** Contractor and subcontractors shall comply with California Labor Code sections 1810 through 1815, including but not limited to: (i) restrict working hours on public works contracts to eight hours a day and forty hours a week, unless all hours worked in excess of 8 hours per day are compensated at not less than 1½ times the basic rate of pay; and (ii) specify penalties to be imposed on design professionals and subcontractors of \$25 per worker per day for each day the worker works more than 8 hours per day and 40 hours per week in violation of California Labor Code sections 1810 through 1815.

- 8.8. Required Provisions for Subcontracts.** Contractor shall include at a minimum a copy of the following provisions in any contract they enter into with a subcontractor: California Labor Code sections 1771, 1775, 1776, 1777.5, 1810, 1813, 1815, 1860 and 1861.
- 8.9. Labor Code Section 1861 Certification.** Contractor in accordance with California Labor Code section 3700 is required to secure the payment of compensation of its employees and by signing this Contract, Contractor certifies that “I am aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers’ compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.”
- 8.10. Labor Compliance Program.** The City has its own Labor Compliance Program as authorized by the DIR. The City will withhold contract payments when payroll records are delinquent or deemed inadequate by the City or other governmental entity, or it has been established after an investigation by the City or other governmental entity that underpayment(s) have occurred.
- 9. BIDDERS Must REGISTER WITH THE CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS (DIR):** Pursuant to Labor Code section 1725.5 (with limited exceptions under Labor Code section 1771.1(a)):
- 9.1.** No contractor or subcontractor may be listed on a bid proposal for a public works project submitted on or after March 1, 2015 unless registered with the Department of Industrial Relations.
- 9.2.** No contractor or subcontractor may be awarded a contract for public work on a public works project awarded on or after April 1, 2015 unless registered with the Department of Industrial
- 9.3.** This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.
- 10. INSURANCE REQUIREMENTS:**
- 10.1.** All certificates of insurance and endorsements required by the contract are to be provided upon issuance of the Successor Agency’s Notice of Intent to Award letter.
- 10.2.** 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.
- 11. PREQUALIFICATION OF CONTRACTORS:**
- 11.1.** 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>

**11.2.** 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 Contracts, Prequalification Program, 1010 Second Avenue, 14<sup>th</sup> Floor, 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](mailto:dstucky@sandiego.gov).

**12. 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: <a href="http://www.sandiego.gov/publicworks/edocref/index.shtml">http://www.sandiego.gov/publicworks/edocref/index.shtml</a>		

**13. 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.

**14. 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.

**15. 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.

**16. SUBMITTAL OF "OR EQUAL" ITEMS:** See Section 4-1.6, "Trade Names or Equals" in The WHITEBOOK and as amended in the SSP.

**17. AWARD PROCESS:**

- 17.1. The Award of this contract is contingent upon the Contractor's compliance with all conditions precedent to Award.
- 17.2. Upon acceptance of a Bid, the Successor Agency 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.
- 17.3. This contract will be deemed executed, and effective, only upon the signing of the Contract by the Mayor or designee of the Successor Agency.

**18. SUBCONTRACT LIMITATIONS:** The Bidder's attention is directed to Standard Specifications for Public Works Construction, Section 2-3, "SUBCONTRACTS" in The GREENBOOK and as amended in the SSP which requires the Contractor to self-perform not less than the specified amount. Failure to comply with this requirement shall render the bid **non-responsive** and ineligible for award.

**19. 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 Contracts.

**20. SUBMISSION OF QUESTIONS:**

20.1. 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 solicitation shall be submitted to:

Public Works Contracts  
1010 Second Avenue, 14<sup>th</sup> Floor  
San Diego, California, 92101  
Attention: [Contract Specialist listed on the front cover hereof]

OR:

Email address of the Contract Specialist listed on the front cover hereof.

- 20.2. Questions received less than 14 days prior to the date for opening of Bids may not be considered.
- 20.3. Clarifications deemed by the City to be material shall be issued by Addenda and uploaded to the City's online bidding service.
- 20.4. 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.

21. **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.
22. **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.
23. **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.
  - 23.1. 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.
  - 23.2. The City may require any Bidder to furnish a statement of experience, financial responsibility, technical ability, equipment, and references.
  - 23.3. 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.
  - 23.4. Bids may be withdrawn by the Bidder prior to, but not after, the time fixed for opening of Bids.
24. **BIDDER'S GUARANTEE OF GOOD FAITH (BID SECURITY):**
  - 24.1. Bidders shall submit Bid Security at bid time. Bid Security shall be in one of the following forms: a cashier's check, or a properly certified check upon some responsible bank; or an approved corporate surety bond payable to the City of San Diego for an amount of not less than 10% total bid amount.
  - 24.2. This check or bond, and the monies represented thereby, will be held by the City as a guarantee that the Bidder, if awarded the contract, will in good faith enter into the contract and furnish the required final performance and payment bonds.
  - 24.3. The Bidder agrees that in the event of the Bidder's failure to execute this contract and provide the required final bonds, the money represented by the cashier's or certified check will remain the property of the City; and the Surety agrees that it will pay to the City the damages, not exceeding the sum of 10% of the amount of the Bid, that the City may suffer as a result of such failure.

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

**25. AWARD OF CONTRACT OR REJECTION OF BIDS:**

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

25.2. 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.

25.3. 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.

25.4. 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.

25.5. 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 Contracts no later than 10 days after the City’s announcement of the selected Bidder or no later than 10 days from the date that the City issues notice of designation of a Bidder as non-responsive in accordance with San Diego Municipal Code Chapter 2, § 22.3029, “Protests of Contract Award.”

25.6. The City of San Diego or Successor Agency 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.

25.7. 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.

25.8. 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.

**26. BID RESULTS:**

26.1. 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.

26.2. 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.

**27. THE CONTRACT:**

**27.1.** The Bidder to whom award is made shall execute a written contract with the Successor Agency 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.

**27.2.** 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, Successor Agency, or Civic San Diego 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.

**27.3.** 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.

**27.4.** Pursuant to the San Diego City Charter section 94, the Successor Agency 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.

**27.5.** 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 Successor Agency or designee. If the Apparent Low Bidder does not execute the Contract or submit required documents and information, the Successor Agency 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.

**28. 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.

- 29. CITY STANDARD PROVISIONS:** This contract is subject to the following standard provisions. See The WHITEBOOK for details.
- 29.1.** The City of San Diego Resolution No. R-277952 adopted on May 20, 1991 for a Drug-Free Workplace.
  - 29.2.** The City of San Diego Resolution No. R-282153 adopted on June 14, 1993 related to the Americans with Disabilities Act.
  - 29.3.** The City of San Diego Municipal Code §22.3004 for Pledge of Compliance.
  - 29.4.** The City of San Diego’s Labor Compliance Program and the State of California Labor Code §§1771.5(b) and 1776.
  - 29.5.** 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.
  - 29.6.** The City’s Equal Benefits Ordinance (EBO), Chapter 2, Article 2, Division 43 of The San Diego Municipal Code (SDMC).
  - 29.7.** The City’s Information Security Policy (ISP) as defined in the City’s Administrative Regulation 90.63.
- 30. PRE-AWARD ACTIVITIES:**
- 30.1.** 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**.
  - 30.2.** 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.
- 31. REDEVELOPMENT-FUNDED PROJECTS:** This contract is funded with monies presently available or anticipated to become available, to the Successor Agency and may become subject to termination or suspension for loss of project funds. See 6-5.9, “Successor’s Agency Right to Terminate or Suspend for Loss of Project Funds” for more details.
- 32. ADDITIVE/DEDUCTIVE ALTERNATES:**
- 32.1.** The additive/deductive alternates have been established to allow the Successor Agency to compare the cost of specific portions of the Work with the Project’s budget and enable the Successor Agency to make decision prior to award. The award will be established as described in the Bid. The City reserves the right to award the Contract for the Base Bid only or the Base Bid plus any combination of Additive and Deductive Alternate(s).

**33. REQUIRED DOCUMENT SCHEDULE:**

**33.1.** 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.

**33.2.** 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
7.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA40 - Named Equipment/Material Supplier List
8.	BID SUBMITTAL DATE/TIME	ALL BIDDERS	Form AA45 - Subcontractors Additive/Deductive Alternate
9.	WITHIN 3 WORKING DAYS OF BID OPENING	ALL BIDDERS	SLBE Good Faith Efforts Documentation
10.	WITHIN 3 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Form AA60 – List of Work Made Available
11.	WITHIN 3 WORKING DAYS OF BID OPENING WITH GOOD FAITH EFFORT DOCUMENTATION	ALL BIDDERS	Proof of Valid DBE-MBE-WBE-DVBE Certification Status e.g., Certs.
12.	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

<b>ITEM</b>	<b>WHEN DUE</b>	<b>FROM</b>	<b>DOCUMENT TO BE SUBMITTED</b>
13.	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"> <li>• Joint Venture Agreement</li> <li>• Joint Venture License</li> </ul>
14.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Form BB05 - Work Force Report
15.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Agreement
16.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contract Forms - Payment and Performance Bond
17.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Certificates of Insurance and Endorsements
18.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - Drug-Free Workplace
19.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractor Certification - American with Disabilities Act
20.	WITHIN 10 WORKING DAYS AFTER RECEIPT BY BIDDER OF CONTRACT FORMS	APPARENT LOW BIDDER	Contractors Standards - Pledge of Compliance

**CONTRACT FORMS**  
**AGREEMENT**

# CONTRACT FORMS

---

## CONSTRUCTION CONTRACT

This contract is made and entered into between THE CITY OF SAN DIEGO, SOLELY IN ITS CAPACITY AS THE DESIGNATED SUCCESSOR AGENCY OF THE REDEVELOPMENT AGENCY OF THE CITY OF SAN DIEGO, A FORMER PUBLIC BODY, CORPORATE AND POLITIC, herein called "Successor Agency", and TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC., herein called "Contractor" for construction of **Park Boulevard and San Diego High School Pedestrian Traffic Signal and Streetscape Improvements**, Bid No. **K-15-6221-DBB-3-A**, in the amount of SEVEN HUNDRED SIXTY-FOUR THOUSAND EIGHT HUNDRED EIGHTY-NINE DOLLARS AND 00/100 (\$764,889.00), which is comprised of the Base Bid plus Additive Alternates A and C, and Deductive Alternates B and D.

IN CONSIDERATION of the payments to be made hereunder and the mutual undertakings set forth herein, the parties hereto agree as follows:

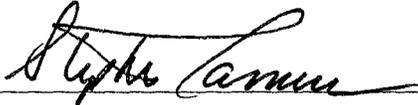
1. The following are incorporated into this contract as though fully set forth herein:
  - (a) The attached Faithful Performance and Payment Bonds.
  - (b) The attached Proposal included in the Bid documents by the Contractor.
  - (c) Reference Standards listed in the Notice Inviting Bids and the Supplementary Special Provisions (SSP).
  - (d) That certain documents entitled **Park Boulevard and San Diego High School Pedestrian Traffic Signal and Streetscape Improvements**, on file in the office of the Public Works Department as Document No. **24001299**, 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 **Park Boulevard and San Diego High School Pedestrian Traffic Signal and Streetscape Improvements**, Bid Number **K-15-6221-DBB-3-A**, San Diego, California.
3. For such performances, the Successor Agency 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 Successor Agency 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 designee of the Successor Agency signs the agreement.

**CONTRACT FORMS (continued)**

IN WITNESS WHEREOF, this Agreement is signed by the Successor Agency, acting by and through its Mayor or designee, pursuant to Municipal Code §22.3102 authorizing such execution.

THE CITY OF SAN DIEGO SOLELY IN ITS  
CAPACITY AS THE DESIGNATED  
SUCCESSOR AGENCY OF THE  
REDEVELOPMENT AGENCY OF THE  
CITY OF SAN DIEGO, A FORMER PUBLIC  
BODY, CORPORATE AND POLITIC

APPROVED AS TO FORM

By 

Jan I. Goldsmith, City Attorney  
By 

Print Name: Stephen Samara  
Principal Contract Specialist (Acting)

Print Name: RYAN P. GERRITY  
Deputy City Attorney

Date: 4-20-15

Date: 4/21/15

CONTRACTOR

By 

HANI ASSI

Print Name: \_\_\_\_\_

Title: SECRETARY OF CORPORATION

Date: 03-20-2015

City of San Diego License No.: 2003004679

State Contractor's License No.: 792159

**CONTRACT FORMS**  
**ATTACHMENTS**

EXECUTED IN TRIPLICATE  
BOND NO. 2193965  
PREMIUM: \$7,834.00  
PREMIUM IS FOR CONTRACT TERM  
AND IS SUBJECT TO ADJUSTMENT  
BASED ON FINAL CONTRACT PRICE

## CONTRACT FORMS ATTACHMENTS PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND

---

### FAITHFUL PERFORMANCE BOND AND LABOR AND MATERIALMEN'S BOND:

TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC., a corporation, as principal, and NORTH AMERICAN SPECIALTY 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 acting as the Successor Agency of the Redevelopment Agency of the City of San Diego in the sum of SEVEN HUNDRED SIXTY-FOUR THOUSAND EIGHT HUNDRED EIGHTY-NINE DOLLARS AND 00/100 (\$764,889.00) for the faithful performance of the annexed contract, and in the sum of SEVEN HUNDRED SIXTY-FOUR THOUSAND EIGHT HUNDRED EIGHTY-NINE DOLLARS AND 00/100 (\$764,889.00) for the benefit of laborers and materialmen designated below.

### Conditions:

If the Principal shall faithfully perform the annexed contract **Park Boulevard and San Diego High School Pedestrian Traffic Signal and Streetscape Improvements**, Bid Number **K-15-6221-DBB-3-A**, San Diego, California then the obligation herein with respect to a faithful performance shall be void; otherwise it shall remain in full force.

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

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

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

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

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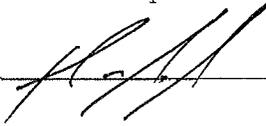
The Surety shall pay reasonable attorney's fees should suit be brought to enforce the provisions of this bond.

Dated MARCH 11, 2015

Approved as to Form

TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC.

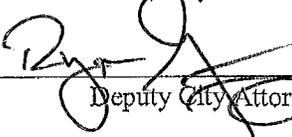
Principal

By 

HANI ASSI, SECRETARY

Printed Name of Person Signing for Principal

Jan I. Goldsmith, City Attorney

By 

Deputy City Attorney

NORTH AMERICAN  
SPECIALTY INSURANCE COMPANY

Surety

By 

MARK D. IATAROLA, Attorney-in-fact

Approved:

By 

Principal Contract Specialist (Acting)

6 HUTTON CENTRE DRIVE, SUITE 850

Local Address of Surety

SANTA ANA, CA 92707

Local Address (City, State) of Surety

714/550-7799

Local Telephone No. of Surety

PREMIUM IS FOR CONTRACT TERM  
AND IS SUBJECT TO ADJUSTMENT  
BASED ON FINAL CONTRACT PRICE

Premium \$ 7,834.00

Bond No. 2193965

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

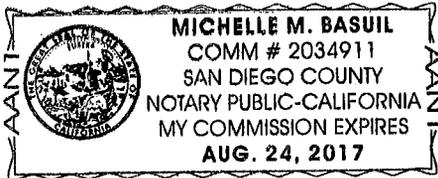
State of California )  
County of SAN DIEGO )

On 3/11/2015 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.

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*

*Place Notary Seal Above*

**OPTIONAL**

*Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.*

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_  
Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: MARK D. IATAROLA  
 Corporate Officer -- Title(s): \_\_\_\_\_  
 Partner --  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_  
 Corporate Officer -- Title(s): \_\_\_\_\_  
 Partner --  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

NAS SURETY GROUP

NORTH AMERICAN SPECIALTY INSURANCE COMPANY
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT North American Specialty Insurance Company, a corporation duly organized and existing under laws of the State of New Hampshire, and having its principal office in the City of Manchester, New Hampshire, and Washington International Insurance Company, a corporation organized and existing under the laws of the State of New Hampshire and having its principal office in the City of Schaumburg, Illinois, each does hereby make, constitute and appoint:

JOHN G. MALONEY, HELEN MALONEY, MICHELLE M. BASUIL,

GLENDIA J. ROONEY, and MARK D. IATAROLA

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

FIFTY MILLION (\$50,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both North American Specialty Insurance Company and Washington International Insurance Company at meetings duly called and held on the 9th of May, 2012:

"RESOLVED, that any two of the Presidents, any Managing Director, any Senior Vice President, any Vice President, any Assistant Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By [Signature] Steven P. Anderson, Senior Vice President of Washington International Insurance Company & Senior Vice President of North American Specialty Insurance Company



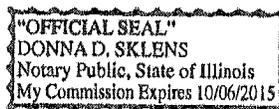
By [Signature] David M. Layman, Vice President of Washington International Insurance Company & Vice President of North American Specialty Insurance Company

IN WITNESS WHEREOF, North American Specialty Insurance Company and Washington International Insurance Company have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 9th day of May, 2014.

North American Specialty Insurance Company
Washington International Insurance Company

State of Illinois
County of Cook ss:

On this 9th day of May, 2014, before me, a Notary Public personally appeared Steven P. Anderson, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and David M. Layman, Vice President of Washington International Insurance Company and Vice President of North American Specialty Insurance Company, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



[Signature] Donna D. Sklens, Notary Public

I, Jeffrey Goldberg, the duly elected Assistant Secretary of North American Specialty Insurance Company and Washington International Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said North American Specialty Insurance Company and Washington International Insurance Company, which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 11th day of MARCH, 2015.

[Signature] Jeffrey Goldberg, Vice President & Assistant Secretary of Washington International Insurance Company & North American Specialty Insurance Company

# CONTRACTOR CERTIFICATION

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## DRUG-FREE WORKPLACE

**PROJECT TITLE:** Park Boulevard and San Diego High School Pedestrian Traffic Signal and Streetscape Improvements

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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;

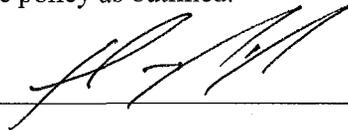
**TRI-GROUP  
CONSTRUCTION AND  
DEVELOPMENT, INC.**

---

(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 \_\_\_\_\_



**HANI ASSI**

Printed Name \_\_\_\_\_

Title \_\_\_\_\_

**SECRETARY OF CORPORATION**

# CONTRACTOR CERTIFICATION

---

## AMERICAN WITH DISABILITIES ACT (ADA) COMPLIANCE CERTIFICATION

**PROJECT TITLE:** Park Boulevard and San Diego High School Pedestrian Traffic Signal and Streetscape Improvements

---

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;

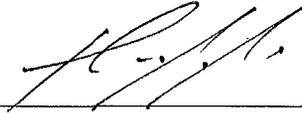
**TRI-GROUP  
CONSTRUCTION AND  
DEVELOPMENT, INC.**

---

(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 \_\_\_\_\_



**HANI ASSI**

Printed Name \_\_\_\_\_

**SECRETARY OF CORPORATION**

Title \_\_\_\_\_

# CONTRACTOR CERTIFICATION

## CONTRACTOR STANDARDS – PLEDGE OF COMPLIANCE

**PROJECT TITLE:** Park Boulevard and San Diego High School Pedestrian Traffic Signal and Streetscape Improvements

I declare under penalty of perjury that I am authorized to make this certification on behalf of TRI-GROW CONST. AND CONST, INC., 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 20<sup>th</sup> Day of MARCH, 2015.

Signed \_\_\_\_\_



**HANI ASSI**

Printed Name \_\_\_\_\_

Title \_\_\_\_\_

**SECRETARY OF CORPORATION**

**AFFIDAVIT OF DISPOSAL**

WHEREAS, on the \_\_\_\_\_ DAY OF \_\_\_\_\_, 2\_\_\_\_\_ the undersigned entered into and executed a contract with the Successor Agency, for:

**Park Boulevard and San Diego High School Pedestrian Traffic Signal and Streetscape Improvements**  
(Name of Project)

as particularly described in said contract and identified as Bid No. **K-15-6221-DBB-3-A**; SAP No. (WBS/IO/CC) **24001299**; and WHEREAS, the specification of said contract requires the Contractor to affirm that "all brush, trash, debris, and surplus materials resulting from this project have been disposed of in a legal manner"; and WHEREAS, said contract has been completed and all surplus materials disposed of:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

Dated this \_\_\_\_\_ DAY OF \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Contractor  
by

**ATTEST:**

State of \_\_\_\_\_  
County of \_\_\_\_\_

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

Notary Public in and for said County and State

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  
Public Works Department, Field Division**

**NOTICE OF MATERIALS TO BE USED**

To: \_\_\_\_\_ Date: \_\_\_\_\_, 20\_\_\_\_  
Resident Engineer

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: \_\_\_\_\_

## ATTACHMENTS

**ATTACHMENT A**  
**SCOPE OF WORK**

## SCOPE OF WORK

1. **SCOPE OF WORK:** The project will improve an existing pedestrian crosswalk on Park Boulevard, north of Russ Boulevard in front of the San Diego High School campus on the east side of the street, and City College facilities on the west side of the street with a pedestrian traffic signal and associated improvements for greater pedestrian safety. An existing bus stop in the middle of Park Boulevard will be relocated to the side of the street and a median will be installed in that area.
  - 1.1. The Work shall be performed in accordance with:
    - 1.1.1. The Notice Inviting Bids and Plans numbered **37581-01-D** through **37581-10-D** and **37581-T1-D** through **37581-T2-D**, inclusive.
2. **CONSTRUCTION COST:** The Successor Agency's estimated construction cost for this contract is **\$854,209**.
3. **LOCATION OF WORK:** The location of the Work is as follows:

1430 -1499 Park Blvd., San Diego, CA, 92101
4. **CONTRACT TIME:** The Contract Time for completion of the Work shall be **120 Working Days**.
5. **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.
  - 5.1. The Successor Agency has determined the following licensing classification for this contract:
    - CLASS A.

**ATTACHMENT B**  
**INTENTIONALLY LEFT BLANK**

**ATTACHMENT C**  
**EQUAL OPPORTUNITY CONTRACTING PROGRAM**

## EQUAL OPPORTUNITY CONTRACTING PROGRAM

1. To The WHITEBOOK, Chapter 10, Sections D and E, DELETE each in its 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.

**ATTACHMENT D**  
**INTENTIONALLY LEFT BLANK**

**ATTACHMENT E**  
**SUPPLEMENTARY SPECIAL PROVISIONS**

## **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).

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### **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.

ADD the following:

**Civic San Diego:** Administrator of the Project.

**Owner:** Successor Agency.

**Successor Agency:** The City of San Diego, solely in its capacity as the designated Successor Agency to the Redevelopment Agency of the City of San Diego, a former public body, corporate and politic.

### **SECTION 2 - SCOPE AND CONTROL OF WORK**

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

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.

#### **2-5.3.1 General.** To the City Supplement, ADD the following:

7. For products for which an AML is available, products listed in the AML shall be used. A submittal review will be conducted for products not identified on an AML on a case-by-case basis when:

- a) The product type or category is not in the AML.
- b) The AML does not list at least two available manufacturers of the product.

- c) The material or manufacturer listed in the AML is no longer available. Documentation to substantiate the product is no longer available or in production is required as part of the submittal.

In the case of conducting a submittal review when required by the Plans or Special Provisions, or when requested by the Engineer, all submittals shall be accompanied by the City's submittal form.

The Product Submittal Form is available for download at:

<http://www.sandiego.gov/publicworks/edocref/index.shtml>

- 8. Prior to submission, the Contractor shall carefully review and coordinate all aspects of each item being submitted and ensure each item in submittal conforms to the requirements of Contract Documents. The Contractor shall sign and date a statement indicating that they have reviewed the submittal and that the information is complete and complies with the requirements of the project documents.
- 9. Work requiring submittals will not be allowed to commence prior to acceptance of all submittals related to that work.
- 10. Delays caused by tardiness in making submittals or resubmittals will not be acceptable basis for extension of Contract completion time.
- 11. Revise and resubmit submittals as required. Identify all changes made since previous submittal. Resubmittals are subject to the same terms and conditions as the original submittal. Resubmittal and Consultant's review time required will not constitute adequate reason for an extension of the time required to complete the Work. Contractor shall pay for Consultant's review time in excess of one submittal review for the same item.
- 12. Submittal review shall not relieve Contractor from responsibility for errors or deviations from requirements of Contract Documents. Acceptance of submittals with deviations shall not relieve Contractor from responsibility for additional costs of changes required to accommodate such deviations, as described in Section 7, "Responsibilities of the Contractor".

**2-5.3.3 Shop Drawings.** ADD the following:

- A. General:
  - 1. The Contract Documents show the general arrangement and such details as are necessary to provide a comprehensive description of the work to be performed.
  - 2. Supplement the Contract Documents with such Shop Drawings as are necessary to adequately control and implement the work as indicated below. Reproduction of Contract Documents will not be accepted as Shop Drawings.

3. Except as noted hereinafter, submit all Contractor's drawings on sheets measuring 11 inches by 17 inches or 22 inches by 34 inches unless otherwise approved by the Resident Engineer. Provide a blank area, 5 inches by 5 inches, adjacent to the title block for the Consultant's stamp. The title block shall display the following:
  - a. Contract number and name.
  - b. Number and title of the drawing.
  - c. Name of Contractor and subcontractor submitting drawing.
  - d. Submission number and date.
  - e. Contract Documents and/or specification reference(s) to which the submittals apply.
  - f. Name, California registration number, seal and signature of Professional Engineer responsible for contractor submitted Drawings if engineering design and computations are required.

B. Definitions: Work-related drawing submittals are categorized for convenience as follows:

1. Shop Drawings required for permanent work, and as further specified in individual sections of the Specifications, include but are not limited to custom-prepared data such as fabrication and erection/installation drawings, setting diagrams, actual shop work and manufacturing instructions, custom templates, special wiring diagrams, coordination drawings, and performance and test data as applicable to the Work.
  - a. Such drawings shall show the principal dimensions, weight, structural and operating features, space required, clearances and type and/or brand of finish or shop coat, depending on the subject of the drawing. When it is customary to do so, when the dimensions are of particular importance, or when so specified, the drawings shall be certified by the manufacturer or fabricator as correct for the Contract.
  - b. When so specified or if considered by the Owner's Representative to be acceptable, manufacturer's specifications, catalog data, descriptive matter, and illustrations may be submitted for acceptance in place of Shop Drawings. In such cases, the requirements shall be as specified for Shop Drawings, insofar as applicable. Unless provided in another acceptable manner, catalog cuts and manufacturer's standard drawings shall be in form that can be clearly photocopied.
2. Shop Drawings required for temporary work sometimes referred to as Working Drawings:

a. Such drawings, as further specified in individual sections of the Specifications, shall consist of detailed drawings for cribs, falsework, temporary support systems, formwork, and other temporary work and methods of construction that the Contractor proposes to use.

3. Shop Drawings for work requiring engineering design or compliance with fire, safety codes, standards, or regulations, shall be accompanied by calculations and/or other sufficient information to completely explain the structure, or system described, and the intended manner of use. All such drawings and computations shall bear the name, California registration number, seal and signature of Professional Engineer responsible for preparation.

C. Variation from Contract Requirements:

1. If Shop Drawings show variations from the Contract requirements because of standard shop practice or for other reasons, describe such variations in the letter of transmittal. If acceptable, the Resident Engineer may accept any or all such variations, subject to a proper adjustment in the Contract. Failure of the Contractor to describe such variations shall not relieve the Contractor of the responsibility for executing the Work in accordance with the Contract, even though such Shop Drawings have been accepted.

**2-7 SUBSURFACE DATA.** ADD the following:

4. In preparation of the Contract Documents, the designer has relied upon the following reports of explorations and tests of subsurface conditions at the Work Site:

1. Geotechnical Investigation dated May 1, 2011 by Geocon Incorporated.

5. The report(s) listed above is(are) available for review by contacting Nasland Engineering

**2-9.2 Survey Service.** DELETE in its entirety and SUBSTITUTE the following:

The Contractor is responsible for any survey services required to complete the work. If re-staking is required due to Contractor's work, the cost for said surveying shall be paid for by the Contractor. Payment for survey services outside those specified herein shall be included in the Bid items of work and no additional compensation shall be allowed therefore.

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

The Resident Engineer is the representative of the Successor Agency authorized to advise the Agency on construction matters related to the Contract. The Agency has delegated his authority to the Resident Engineer to make initial decisions regarding questions, which may arise as to the quality or acceptability of materials furnished and Work performed, as to the manner of performance, and rate of progress of the Work

under the Contract. The Resident Engineer interprets the Contract Documents and makes initial decisions with respect to the Contractor's fulfillment of the Contract obligations and the Contractor's entitlement to compensation. The Contractor shall look initially to the Resident Engineer in matters relating to the Contract.

**2-11.1 Rejected Work.** ADD the following:

The Agency may reject all work that is not done in accordance with the Contract. All work that has been rejected shall be remedied or removed and replaced by the Contractor in an acceptable manner and no compensation will be allowed for such removal, replacement or remedial work.

Any work done beyond the boundaries established by the Agency or any work as hereinafter specified which is done without proper permits, inspection and testing, will be considered as unauthorized work and will be rejected. Upon order of the Agency, unauthorized work shall be remedied, removed, or replaced at the Contractor's expense.

Upon failure of the Contractor to comply promptly with an order, the Agency may cause rejected or unauthorized work to be remedied, removed, or replaced, and deduct the costs from any monies due or to become due to the Contractor.

#### **SECTION 4 - CONTROL OF MATERIALS**

**4-1.3.6 Preapproved Materials.** To the City Supplement, ADD the following:

3. You shall submit in writing a list of all products to be incorporated in the Work that are on the AML.

**ADD:**

**4-1.3.7 Testing Under the Direction of The Engineer.** When a bid item for Testing under the direction of the Engineer is provided, the Contractor must employ and pay for the services of a qualified third party independent laboratory to perform the required testing. The Contractor will be reimbursed for the cost of testing under this bid item.

**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 later than 5 Working Days after the determination of the Apparent Low Bidder** and on the City's Product Submittal Form available at:

<http://www.sandiego.gov/publicworks/edocref/index.shtml>

#### **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) Park Boulevard from November 23, 2015 to January 3, 2016 (inclusive).

**6-5.9 City's Right to Terminate or Suspend for Loss of Project Funds.** To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

The Parties acknowledge that the sole anticipated funding source for payments owed under the Contract will be redevelopment funds presently available, or anticipated to become available, to the Successor Agency. The Parties further acknowledge that the City's general fund and general assets shall not be exposed to any liability or claim whatsoever under the Contract. The Successor Agency may terminate or suspend the Contract at its sole discretion if the State of California or its agents deny or delay, in whole or in part, the expenditure of redevelopment funds that are anticipated to be used to fund this Project. A seven-member Oversight Board and the State Department of Finance must approve the Successor Agency's expenditure of redevelopment funds for this Project through a payment structure that is re-evaluated every six months through successive versions of the Recognized Obligation Payment Schedule. If the Successor Agency chooses to suspend the Contract due to the unavailability of redevelopment funds, that suspension will last until the redevelopment funds become available or until alternative funds are identified and approved by the City Council, or Mayor, whichever is appropriate, to be used to complete the Project. If the Successor Agency elects under this provision to terminate the Contract, then neither Party is entitled to compensation from the other Party for any costs, losses or damages arising from such termination. The Successor Agency may also elect to terminate the Contract after invoking a suspension under this provision.

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

5. For Water projects where shutdowns of 16 inch and larger pipes are required, there is a shutdown moratorium from May until October. Contractor shall plan and schedule work accordingly. No additional payment or working days will be granted for delays due to this moratorium.
6. 30 Working days for full depth asphalt final mill and resurfacing work required per SDG-107.

**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 Successor Agency in writing, you are not entitled to any additional payment. Do not begin any work under this contract until you have provided and the Successor Agency has approved all required insurance.
5. Policies of insurance must provide that the Successor Agency 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 Successor Agency 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 Successor Agency 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 Successor Agency 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, Successor Agency and Civic san Diego 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, Successor Agency, Civic San Diego 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, Successor Agency, Civic San Diego 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 Successor Agency at the time the evidence of insurance is provided.

**7-3.7 Reservation of Rights.** The Successor Agency 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 Successor Agency. The Successor Agency 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 Successor Agency 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, Successor Agency, Civic San Diego, 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 has obtained 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, Successor Agency, Civic San Diego, its officers, or employees.

**7-16**            **COMMUNITY LIAISON.** To the City Supplement, DELETE in its entirety and SUSBTITUTE with the following:

**ADD:**

**7-16**            **COMMUNITY OUTREACH.**

**7-16.1**        **General.**

1.     To ensure consistency with the City's community outreach plan for the project, the City will work with the Contractor to inform the public (which includes, but is not limited to, property owners, renters, homeowners, business owners, recreational users, and other community members and stakeholders) of construction impacts. Efforts by the Contractor to mitigate construction impacts by communicating with the public require close coordination and cooperation with the City.
2.     The Contractor will perform the community outreach activities required throughout the Contract Time.
3.     The Contractor shall closely coordinate the Work with the businesses, institutions, residents and property owners impacted by the Project. Example duties of the Contractor include notification to the businesses, institutions and residents of the commencement of construction activities not less than 5 days in advance, coordination of access for vehicular and pedestrian traffic to businesses, institutions and residences impacted by the Project, reporting of Contractor activities at all Project progress meetings scheduled by the Engineer, attendance to the Project Pre-construction Meeting, attendance at 2 community meetings, response to community questions and complaints related to Contractor activities, and written documentation including logging in all inquiries and complaints received into the City's Public Contact Log located on the City's SDSHare site:

<http://sdshare/forums/ecp/PITS/picr/Lists/Public%20Contact%20Log/AllItems.aspx>

4.     The Contractor shall execute the Information Security Policy Acknowledgement Form - For Non-City Employees within 15 days of the award of the Contract if:
  - a)     The contact information for the Contractor is made available on any outreach materials or;
  - b)     The Contractor will be the primary point of contact to resolve project related inquiries and complaints.
5.     Electronic Communication.

All inquiries and complaints will be logged in to the City's SDSHare site within 24 hours of receipt of inquiries and complaints.

Any updates or a resolution of inquiries, and complaints shall be documented in the City's SDSHare site within 24 hours.

Copies of email communications shall be saved on to the City's SDSShare site as individually as an Outlook Message Format (\*.msg).

All graphics, photos, and other electronic files associated with the inquiries and or complaints shall be saved into the individual record.

6. **When specified**, present your Exclusive Community Liaison to the Engineer, in writing, within 15 days of the award of the Contract.

#### 7-16.2 Submittals.

1. The Contractor shall submit to the Resident Engineer, for review and approval, all drafts of letters, notices, postcards, door hangers, signs, mailing lists, proposed addresses for hand-delivery, and any other notices and letters that are to be mailed and or distributed to the public.
  - a. Prior to distributing or mailing, the Contractor shall submit final drafts of letters, notices, postcards, door hangers, signs, and any other notices and letters to the Resident Engineer for final review and approval.
  - b. After distributing or mailing, the Contractor shall submit verification of delivery and any copies of returned notices to the Resident Engineer.
2. The Contractor will use the City's SDSShare site to identify and summarize communications (via phone, in person, and email) with the public the within 24 hours of receipt, even if the Contractor's response to the individual is still incomplete. The Contractor will upload to the City's SDSShare site copies of all written, electronic, and verbal communications and conversations with the public.

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

Gretchen Sorenson, Project Manager, [sorenson@civicsd.com](mailto:sorenson@civicsd.com)

Larry Thornburgh, Project Engineer, [larryt@nasland.com](mailto:larryt@nasland.com)

Byron Wade, Project Manager, [byron@projectprofessionalscorp.com](mailto:byron@projectprofessionalscorp.com)

#### 7-16.3 **Public Notice by Contractor.**

1. Furnish and distribute public notices in the form of door hangers using the City's format to all occupants and/or property owners along streets where Work is to be performed at least 5 days before starting the Work as directed by the Resident Engineer.
2. For all Work on private property, contact each owner and occupant individually a minimum of 15 days prior to the Work. If the Work has been delayed, re-notify owners and occupants of the new Work schedule, as directed by the Resident Engineer.

**7-16.4 Quality Assurance.**

1. During the course of community outreach, the Contractor shall ensure the character of all persons that conduct community outreach (distributing door hangers, attending community meetings, interacting with the public, etc.), on behalf of the Contractor:
  - a. Have the ability to speak and comprehend English and/or Spanish, as appropriate for the community or public they are informing,
  - b. Possess and display easily verifiable and readable personal identification that identifies the person as an employee of the Contractor,
  - c. Have the interpersonal skills to effectively, professionally, and tactfully represent the project, Contractor, and City to the public.

**7-16.5 Communications with the Public.**

1. The Contractor shall provide updates on construction impacts to the Resident Engineer. The Contractor shall notify the Resident Engineer in advance about time-sensitive construction impacts and may be required to distribute construction impact notices to the public on short notice.
2. The Contractor shall incorporate community outreach activities related to construction impacts in the baseline schedule and update the Resident Engineer with each week's submittal of the Three-Week Look Ahead Schedule.
3. At the request of the Resident Engineer, the Contractor shall attend and participate in project briefings at community meetings.
4. The Contractor shall coordinate with the Resident Engineer on all responses and actions taken to address public inquiries and complaints within 24-hours that they are received.

**7-16.6 Communications with Media.**

1. The City may allow members of the media access to its construction site(s) on a case-by-case basis only.
2. Occasionally, members of the media may show up at construction sites, uninvited. Members of the media (including, but not limited to newspaper, magazine, radio, television, bloggers, and videographers) do not have the legal right to be in the construction site without the City's permission.
3. In the event media representatives arrive near or on the construction site(s), the Contractor shall keep them off the site(s), in a courteous and professional manner, until a Public Information Officer is available to meet them at an approved location.

4. The Contractor shall report all members of the media visits to the Resident Engineer as quickly as possible, so that the City's Public Information Officer can meet with the members of the media at the construction site(s).
5. If the City allows members of the media to access a construction site, the Contractor shall allow the City to escort the media representatives while they are on the construction site and shall ensure their safety.
6. The Contractor shall require media representatives to sign in and out of the Site Visitor Log and to use Personal Protective Equipment.
7. The Contractor has a right to speak to members of the media about its company and its role on the project. All other questions shall be referred to the City.

**7-16.7**

**Exclusive Community Liaison Services.** If directed to conduct Exclusive Community Liaison Services, the Contractor shall retain an Exclusive Community Liaison for the Project whose sole responsibilities will be as follows:

1. Develop a contact list of community, tenants, property owners, and agencies with a stake in the project.
2. Notify businesses, institutions, property owners, and residents of the commencement of construction activities and utility service interruptions not less than 5 days in advance.
3. Coordinate access for vehicular and pedestrian traffic to businesses, institutions and residences impacted by the Project.
4. Prepare and present of materials in coordination with the Resident Engineer (the City's standards and guidelines for the communication materials are available for review by Bidders by sending a request to the Contract Specialist).
5. Respond to community questions and complaints related to Contractor activities.
6. Write, edit, update, or produce brochures, pamphlets and news releases.
7. Provide standard telephone inquiries and e-mail responses:
  - a) Respond to telephone calls and e-mails from the public.
  - b) Record calls and e-mails on the City's SDSShare site.
8. Report Exclusive Community Liaison activities at all progress meetings scheduled by the Resident Engineer.
9. Attendance at pre-construction, community and stakeholders meetings.

**7-16.7.1**

**Exclusive Community Liaison Work Plan.** The Work plan for the Exclusive Community Liaison shall address the items of Work specified in these specifications. Present your Exclusive Community Liaison and submit your exclusive community outreach plan (in writing) **as specified** within 15 days of the Award of the Contract.

**7-16.8**      **Payment.** The Payment for the community outreach and public notices is included in the various Bid items. The payment for exclusive community liaison is in the bid item for "Exclusive Community Liaison Services."

**7-20**      **ELECTRONIC COMMUNICATION.** ADD the following:

Virtual Project Manager will be used on this contract.

### **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 201 - CONCRETE, MORTAR AND RELATED MATERIALS**

**201-1**      **PORTLAND CEMENT CONCRETE.**

**201-1.2.4**      **Admixtures.**

**201-3**      **EXPANSION JOINT FILLER AND JOINT SEALANTS.**

**201-3.4**      **Type "A" Sealant (Two-Part Polyurethane Sealant).** ADD the following:

All finished concrete and brick paving surfaces shall have a ½" continuous expansion joint at locations indicated on the plans and notes and shall be located either parallel or perpendicular to the curb line. When not otherwise indicated all expansion joints shall be sealant Type "A" and colored to match the color of the concrete surface (where applicable).

Contractor shall provide joint sealants that have been produced and installed to establish and to maintain watertight and airtight continuous seals without causing staining or deterioration of joint substrates.

Contractor shall submit product data from the manufacturer of each joint sealant product required, including instructions for joint preparation and joint sealer application. Contractor shall also submit samples for initial selection purposes in form of manufacturer's standard bead samples, consisting of strips of actual products showing full range of colors available, for each product exposed to view.

Samples shall be submitted to Engineer. Submit complete schedule of type (and location where type is to be used) of each sealant.

Contractor shall engage an experienced Installer who has completed joint sealant applications similar in material, design, and extent to that indicated for Project that have resulted in construction with a record of successful in-service performance.

Provide joint sealants, joint fillers, and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by sealant manufacturer based on testing and field experience.

Provide color samples for review by the Engineer from manufacturer's full range of standard colors for products of type indicated.

### SECTION 203 – BITUMINOUS MATERIALS

**203-15 RUBBER POLYMER MODIFIED SLURRY (RPMS).** To the City Supplement, CORRECT section numbering as follows:

OLD SECTION NUMBER	TITLE	NEW SECTION NUMBER
203-15	RUBBER POLYMER MODIFIED SLURRY (RPMS)	203-16
203-15.1	General	203-16.1
203-15.2	Materials	203-16.2
203-15.3	Composition and Grading	203-16.3
203-15.4	Mix Design	203-16.4

ADD the following:

RPMS shall be used on this contract.

### SECTION 207 - PIPE

**207-27 FUSIBLE NON-PRESSURE POLYVINYLCHLORIDE PIPE.** DELETE in its entirety.

### SECTION 209 – STREET LIGHTING AND TRAFFIC SIGNAL MATERIALS

**209-1.2 Standards, Steel Pedestals, and Posts.** All standards, posts, arms, luminaires shall be painted “CCDC blue” per Centre City Streetscape Manual.

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

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

## SECTION 300 – EARTHWORK

### 300-1 CLEARING AND GRUBBING.

#### 300-1.1 General. ADD the following:

Clearing and grubbing shall also include the removal and disposal of all miscellaneous materials: Buried pavements and other materials, old subsurface pavements and other materials (such as old street car tracks, concrete planters, and other materials) encountered under existing pavements, which are within designated excavation areas on the plans.

The work includes demolition and removal (unclassified demolition) of all materials and facilities indicated or specified. Do not begin demolition until authorization is received from the Engineer. Remove rubbish and debris daily, unless otherwise directed. Store materials that cannot be removed daily in areas specified by the Engineer.

Existing Condition. All existing streets have a varying thickness of asphalt concrete pavement over an unknown thickness of PCC pavement. It is assumed that the existing street section is 5" AC over 8" CTB. Existing PCC sections are assumed to be 13". Existing AC medians sections are assumed to be 6" AC.

In addition to the above items, clearing and grubbing shall include, but not be limited to the following items as shown on the plans or specified in these Special Provisions.

1. Providing continuous pedestrian and driveway access to all business and residences within the project area, and as directed by the Engineer.
2. Sawcutting of concrete and asphalt concrete at joints and right-of-way limits.
3. Protection of existing and relocated utility structures prior to and during construction of proposed improvements.
4. Removal and disposal of any additional items not specifically mentioned which may be found within the work limits including trees or landscaping that the Engineer determines needs to be removed for the installation of the improvements.

Prior to submittal of a Bid for this Work, the Contractor shall inspect the project site to verify the magnitude and cost of all clearing and grubbing to accomplish the Work.

Clearing and grubbing shall also include sawcutting, demolition, removal, and disposal of all existing improvements (up to 13") including, but not limited to, soil,

pavement (Asphalt Concrete, PCC, Base, Cement Treated Base, Unclassified Material), medians, curb and gutter, abandoned utilities and utility structures (pull boxes, etc.), signs and sign posts, street lights, footings, conduit, metal railings, and all other existing improvements that are shown on the plans for removal, directed by the Resident Engineer to be removed, or otherwise required to perform the work.

**300-1.2 Preservation of Property.** ADD the following:

Contractor to maintain access to adjacent properties at all times. Disruption to these business/residence activities shall be kept to a minimum.

The contractor shall communicate in advance with each property owner/tenant affected by its operations prior to the start of work. In addition, the contractor shall maintain a proactive relationship with the area merchants/residents and inform them weekly of the construction schedule to assure that impacts to their businesses/residence are kept at a minimum throughout the contract period. Costs for this communication effort shall be considered included in the various items of work.

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

1. Payment for existing pavement removal and disposal of up to 13" 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.

ADD the following:

The lump sum price paid for Clearing and Grubbing shall include full compensation for the sawcutting, removal, protection, and disposal of any and all PCC Pavement, AC Pavement, Base material, sidewalk, curb & gutter, medians, median curb and gutters, AC berms, signs and sign posts, metal railings, street lights and footings, conduit, vegetation, shrubs, irrigation, and adjustment of irrigation, and any other materials and objects that are in conflict with the installation of the Work as shown on the plans. Clearing and Grubbing shall also include full compliance with mitigation measure of Q-B.1 of the MMRP.

### SECTION 302 – ROADWAY SURFACING

**302-3 PREPARATORY REPAIR WORK.** To the City Supplement, DELETE in its entirety and SUBSTITUTE with the following:

**302-3 PREPARATORY REPAIR WORK.**

1. Prior to roadway resurfacing or the application of slurry, the Contractor shall complete all necessary preparation and repair work to the road segment e.g., tree trimming, weed spray, weed abatement, crack sealing, asphalt repair, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc. and as specified in the Special Provisions.

2. Preparatory work shall include, but not be limited to, tree trimming, weed spray, weed abatement, crack sealing, asphalt repair i.e., mill and pave, hump removal, miscellaneous asphalt patching, removal of raised pavement markers, removal of pavement markings, etc.
3. The Contractor shall repair areas of distressed asphalt concrete pavement by milling or removing damaged areas of pavement to a minimum depth of 2” for Residential streets, and a minimum depth of 3” for all others to expose firm and unyielding pavement. The Contractor shall prepare subgrade as needed and install a minimum of 2” for residential streets, and a minimum of 3” for all others, of compacted asphalt concrete pavement over compacted native material as directed by the Engineer.
4. If, in order to achieve the minimum specified depth, the base material is exposed, the material shall be compacted to 95% relative compaction to a depth 10” below the finished grade (dig out). Compaction tests shall be made to ensure compliance with the specifications. The Engineer will determine when and where the test will occur. The City will pay for the soils testing required by the Engineer, which meets the required compaction. The Contractor shall reimburse the City for the cost of retesting failing compaction tests. If additional base material is required, the Contractor shall use Class 2 Aggregate Base in accordance with 200-2.2, “Crushed Aggregate Base.”
5. Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.2, “Crushed Aggregate Base.”
6. Prior to replacing asphalt, the area shall be cleaned by removing all loose and damaged material, moisture, dirt, and other foreign matter and shall be tack coated in accordance with 302-5.4 “Tack Coat.”
7. The Contractor shall install new asphalt within the repair area or for patches in accordance with 302-5, “ASPHALT CONCRETE PAVEMENT.” Asphalt concrete shall be C2-PG 64-10 in compliance with 400-4, “ASPHALT CONCRETE.”
8. No preparatory asphalt work shall be done when the atmospheric temperature is below 50 °F or during unsuitable weather.
9. Following the asphalt placement, the Contractor shall roll the entire area of new asphalt in both directions at least twice. The finished patch shall be level and smooth in compliance with 302-5.6.2 “Density and Smoothness.” After placement and compaction of the asphalt patch, the Contractor shall seal all finished edges with a 4” wide continuous band of SS-1H.
10. The minimum dimension for each individual repair shall be 4’ x 4’ and shall be subject to the following conditions:
  - a) If the base material is exposed to achieve the required minimum removal thickness, the base material shall be prepared conforming to 301-1, “SUBGRADE PREPARATION.”

- b) When additional base material is required, then the contractor shall use Class 2 Aggregate Base in accordance with 200-2.2, "Crushed Aggregate Base." Recycled base material shall conform to Crushed Miscellaneous Base Material in accordance with 200-2.4, "Crushed Miscellaneous Base."
- c) The Contractor may use grinding as a method for removal of deteriorated pavement when the areas indicated for removal are large enough (a minimum of the machine drum width) and when approved by the Engineer.
- d) For both scheduled and unscheduled base repairs, failed areas may be removed by milling or by excavation provided that the edges are cut cleanly with a saw. The areas shall be cleaned and tack coated in accordance with 302-5.4, "Tack Coat" before replacing the asphalt. The areas for scheduled repairs have been marked on the street.

**302-3.1 Asphalt Patching.**

1. Asphalt patching shall consist of patching potholes, gutter-line erosion, and other low spots in the pavement that are deeper than ½" per 302-5.6.2, "Density and Smoothness." These areas are generally smaller and more isolated than those areas in need of mill and pave.
2. The areas requiring patching have been identified in the Contract Documents, marked on the streets, or as directed by the Engineer. The Contractor shall identify any new areas that may require patching prior to slurry work to ensure the smoothness and quality of the finished product.
3. The Contractor shall identify and repair any areas that may require patching, prior to the placement of slurry seal for smooth finished product.
4. Asphalt overlay shall not be applied over deteriorated pavement. Preparatory asphalt work shall be completed and approved by the Engineer before proceeding with asphalt overlay.
5. The Contractor shall remove distressed asphalt pavement either by saw cutting or milling, to expose firm and unyielding pavement; prepare subgrade (as needed); and install compacted asphalt concrete pavement over compacted native material as directed by the Engineer.
6. Prior to replacing asphalt, the area shall be cleaned and tack coated per 302-5.4, "Tack Coat".
7. Following the asphalt placement, the Contractor shall roll the entire patch in both directions covering the patch at least twice.
8. After placement and compaction of the asphalt patch, the Contractor shall seal all finished edges with a 4" wide continuous band of SS-1H.
9. Base repairs shall not exceed 20% RAP in content.

**302-3.2 Payment.**

1. Payment for replacement of existing pavement when required shall be included in the unit bid price for Asphalt Pavement repair for the total area replaced and no additional payment shall be made regardless of the number of replacements completed. No payment shall be made for areas of over excavation or outside trench areas in utility works unless previously approved by the Engineer. No payment for pavement replacement will be made when the damage is due to the Contractor's failure to protect existing improvements. The Contractor shall reimburse the Successor Agency for the cost of retesting all failing compaction tests.
2. At the end of each day, the Contractor shall submit to the Engineer an itemized list of the asphalt pavement repair work completed. The list shall include the location of the work and the exact square footage of the repair.
3. Preparatory repair work and tack coating will be paid at the Contract unit price per square foot for Asphalt Pavement Overlay. No payment shall be made for areas of over excavation unless previously approved by the Engineer.
4. Milling shall be included in the Bid item for Cold Mill Header Cuts.
5. Payment for miscellaneous asphalt patching shall be included in the Contract unit price for slurry and no additional payment shall be made therefore.

**302-5.1.1 Damaged AC Pavement Replacement.** To the City Supplement, DELETE in its entirety.

**302-5.1.2 Measurement and Payment.** To the City Supplement, DELETE in its entirety.

**302-5.2.1 Measurement and Payment.** To the City Supplement, item c), ADD the following:  
Imported Subgrade material shall be paid per bid item "Imported Backfill".

**302-5.9 Measurement and Payment.** ADD the following:

Median Paving per square foot included in the base bid shall be 2" asphalt concrete paving over compacted native or suitable import material.

**SECTION 303 - CONCRETE AND MASONRY CONSTRUCTION**

**303-5.9 Measurement and Payment.** ADD the following:

Median Paving Types (Additive Alternate Bid Items):

Type 1 - Integrally colored concrete – Schofield "French Gray," w/ medium broom finish.

Type 2 - Natural colored concrete w/ exposed aggregate finish – 3/8” Carroll Canyon aggregate, by KRC Rock, or approved equal.

Payment for PCC raised median shall be per the square foot price and shall include the complete structural section including subgrade compaction, base, base compaction, and joints and joint material and for furnishing all labor, materials, tools and equipment, and for performing all work involved in the construction of the sidewalk, in place, as shown on the plans and in these special provisions. PCC raised median is included in the Additive Alternate Bid Items.

Payment for Schedule J AC Pavement shall be per the square foot price and shall include the complete structural section including subgrade compaction, compaction, asphalt and for furnishing all labor, materials, tools and equipment, and for performing all work involved in the construction of the roadway section, in place, as shown on the plans, City Standard Drawings and in these special provisions. Final AC pavement section shall be determined in the filed by R values, for bid purposes section is assumed to be 13” full depth AC.

## **SECTION 307 – STREET LIGHTING AND TRAFFIC SIGNAL SYSTEMS**

### **307-2 PAYMENT. ADD the following:**

The contract lump sum price paid for the street lighting electrical system shall include the entire electrical assembly including, but not necessarily limited to, street lights, poles, luminaries, arms, footings, conduit, conductors, pull boxes, splices, trenching through concrete or asphalt, sawcutting, backfill, patching, sidewalk and curb replacement, all grounding per NEC, repair of damaged traffic signal detector loops, repainting of damaged traffic striping, coordination with SDG&E for service points, connection to SDG&E facilities, and other work as required by the drawings and specifications for a complete system and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for doing all the work as shown on the plans, as specified in the Standard Specifications and these Special Provisions and as directed by the Engineer. No additional compensation will be allowed.

The contract lump sum price paid for intersection lighting and traffic signal system shall include full compensation for furnishing and installing Street Light and Traffic standards, removal and salvaging of existing equipment including street lights and pedestrian barricade, furnishing and installing vehicle detector loops, signal & lighting service, luminaires, lamps, ballasts, electrical conduits and conductors, pull boxes, signal heads, pedestrian signals, emergency vehicle preemption equipment, installation of controller assembly, complete signal interconnect system and other such items as required on the Plans or these Special Provisions complete in place, except for work separately, including signing, striping, and pavement markings or street lighting, and no additional compensation will be allowed.

All work shall include such work as specified in the SDG&E Services orders included in the appendix.

**SECTION 314 – TRAFFIC STRIPING, CURB AND PAVEMENT MARKINGS, AND  
PAVEMENT MARKERS**

**314-4 APPLICATION OF TRAFFIC STRIPING AND CURB AND PAVEMENT MARKINGS.**

**314-4.3.7 Payment.** DELETE in its entirety and SUBSTITUTE with the following:

Painting traffic stripes, pavement markings, reflectors, raised reflective pavement markings including curb markings, curb painting, and the removal of all existing stripes and markings in conflict with the proposed striping Plan, if needed, or otherwise called out for removal, signage, and temporary striping, complete in place in accordance with the Plans, the Standard Specifications, and as directed by the Engineer shall be included in the Contract lump sum price for Painted Traffic Stripes and Curb Markings

**314-4.4.6 Payment.** DELETE in its entirety and SUBSTITUTE with the following:

Installation of thermoplastic arrows, thermoplastic crosswalks, striping, and symbols and the removal of all existing stripes and markings in conflict with the proposed striping Plan, if needed, or otherwise called out for removal, signage, and temporary striping, complete in place in accordance with the Plans, the Standard Specifications, and as directed by the Engineer shall be included in the Contract lump sum price for Thermoplastic Striping, Crosswalks, Arrows, and Markings

**SECTION 707 – RESOURCE DISCOVERIES**

**ADD:**

**707-1.1 Environmental Document.** Development within the Downtown Community Plan area is covered under the Final Environmental Impact Report (FEIR) for the DCP, CCPDO, and 10<sup>th</sup> Amendment to the Centre City Redevelopment Plan, certified by the Former Redevelopment Agency (“Former Agency”) and City Council (“Council”) on March 14, 2006 (Resolutions R-04001 and R-301265, respectively) and subsequent addenda to the FEIR certified by the Former Agency on August 3, 2007 (Former Agency Resolution R-04193), April 21, 2010 (Former Agency Resolutions R-04508 and R-04510), and August 3, 2010 (Former Agency Resolution R-04544) and certified by City Council on February 12, 2014 (Council Resolution R-308724). The FEIR is a “Program EIR” prepared in compliance with California Environmental Quality Act (CEQA) Guidelines Section 15168. The environmental impacts of the project were adequately addressed in the FEIR and therefore the project is within the scope of the development program described in the FEIR. Therefore, no further environmental documentation will be required under CEQA.

Contractor responsible to follow the adopted MMRP for arch and paleo monitoring. The 2006 FEIR and associated addendums are on CivicSD website at <http://www.civicsd.com/planning/environmental-documents.html>.

707-4

**ARCHAEOLOGICAL AND NATIVE AMERICAN MITIGATION AND CURATION.** ADD with the following:

4. The contract Lump Sum price for MMRP Archaeological Compliance shall include all full compensative for compliance with Mitigation Measure HIST B.1 of the MMRP, including but not limited to obtain the services of a qualified archeologist, preparation of an initial evaluation, testing, secondary study, data recovery, and monitoring as required.

707-5

**PALEONTOLOGICAL MITIGATION AND EXCAVATION.** ADD the following:

3. The contract Lump Sum price for MMRP Compliance shall include all full compensative for compliance with Mitigation Measures PAL-A.1 and HIST B.1 of the MMRP, including but not limited to obtain the services of a qualified archeologist, preparation of an initial evaluation, testing, secondary study, data recovery, and monitoring as required.

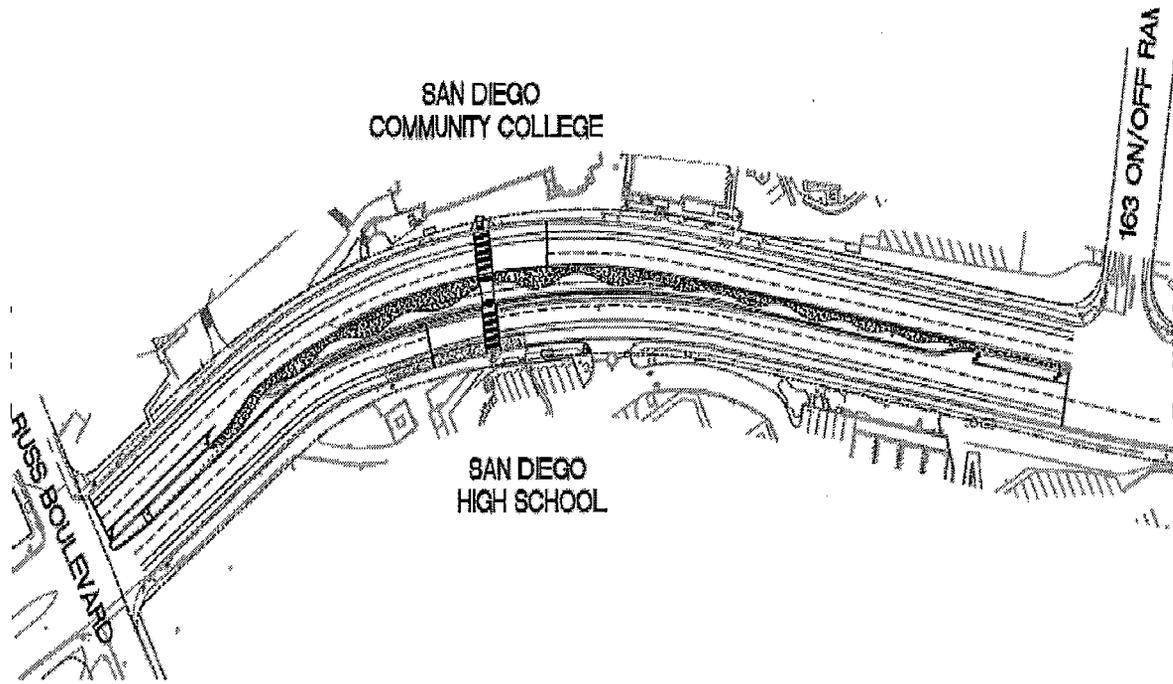
**END OF SUPPLEMENTARY SPECIAL PROVISIONS (SSP)**

**SUPPLEMENTARY SPECIAL PROVISIONS**

**APPENDICES**

**APPENDIX A**

**SITE MAP**



**APPENDIX B**  
**SDG&E SERVICE ORDERS**



# ELECTRIC UNDERGROUND METER & SERVICE LOCATION

Customer Copy

A Sempra Energy utility

T.B. 1289-B2

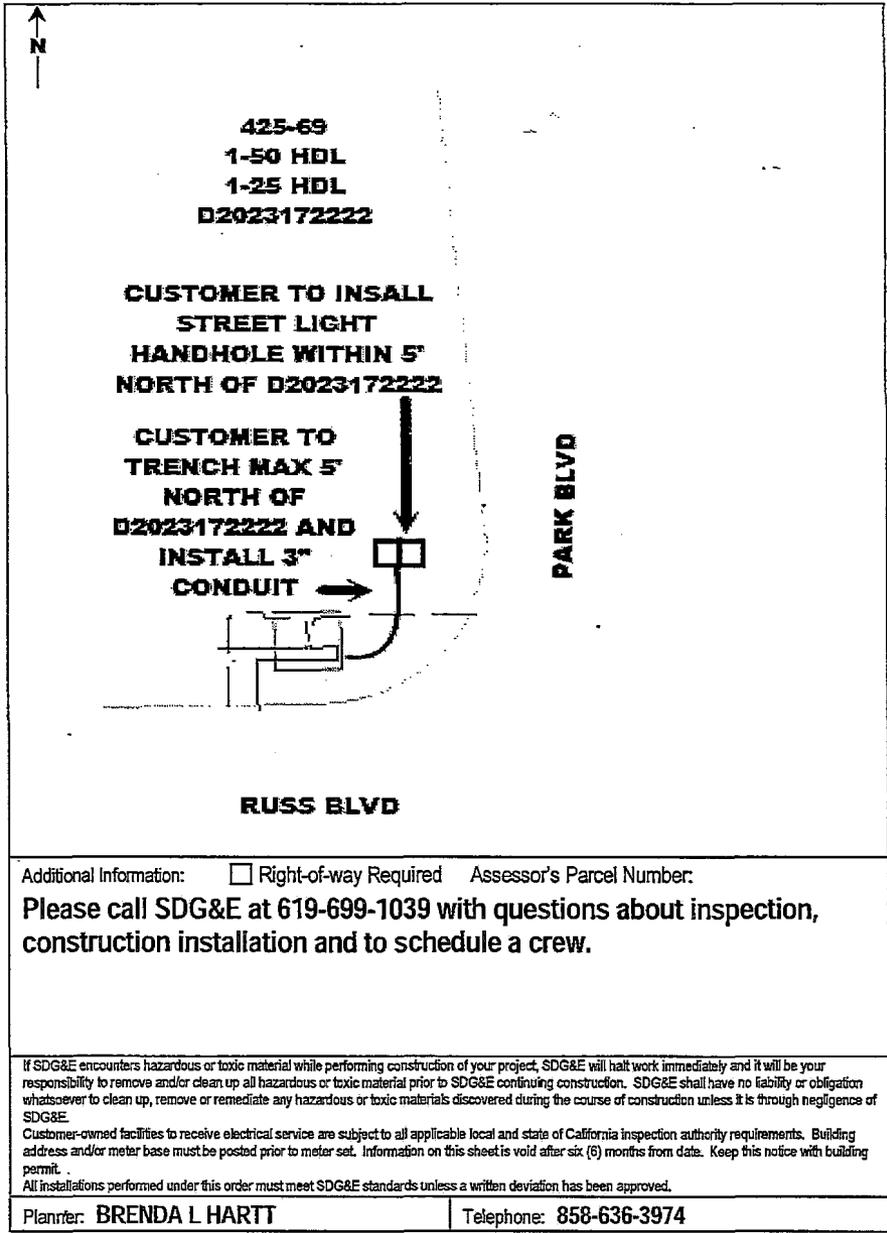
Wanted Date: ON TRENCH INSPECTION

Service Type: UG Service New

Customer Type: Commercial

Date Prepared: 03/24/2014

Project No: 452426	Job No: 010
Project Title: PARK BL N/O RUSS BL STREETLIGHTS	
Project Address: PARK BL N/O RUSS BL	
Project City: SAN DIEGO	Customer Phone #:
Contact: FERNANDO LASAGA	Contact Phone #: 619-533-7406
<input checked="" type="checkbox"/> Traffic Control Permit Required. Excavation/Encroachment Permits Required By	
Service Attachment Point and/or Meter Location: Customer is to install new street light handhole 5 feet North of D2023172222. Customer is to provide trench, backfill, surface repair, and compaction, pull tape and 3 inch conduit from Transformer to new street light handhole. Customer is to obtain a permit and inspection from the City of San Diego. Contact SDG&E at 619-699-1039 to set up a pre-meet prior to excavating. Traffic Control Plan is required.	
<input type="checkbox"/> SDG&E Application Required - Call: 1-800-411-7343	
Municipal Inspection Required By City of San Diego	
Meter height - 4'0" min. (3'0" min. for multiple meter installation) - 6'3" max. From finish grade to centerline of meter base. Meters are required to be readily accessible 24 hours per day. Meters must be located in a safe area free of any potentially hazardous or dangerous condition. Provide 3-ft. X 3-ft. Minimum clear and level working space in front of meter. Where meter room is proposed, contact the planner at the nearest SDG&E office. Meter bases and meter service disconnects must be located at or immediately adjacent to each other and be identified with address and unit number it serves.	
<b>PROCEDURE FOR INSTALLATION</b>	
1. PHONE DIG ALERT 1-800-227-2600 AT LEAST TWO DAYS PRIOR TO TRENCHING FOR LOCATION OF UNDERGROUND UTILITIES.	
2. Phone SDG&E at 619-699-1039 for the following: <ul style="list-style-type: none"> <li>• 3 working days prior to trenching to arrange pre-meet with inspector and initiate trenching process.</li> <li>• After excavation of trench, installation of conduit and service entrance equipment at meter location, CALL FOR INSPECTION. Do not cover conduit without inspector's written approval to backfill.</li> <li>• When trench is backfilled and compacted, CALL FOR INSPECTION.</li> <li>• If service entrance equipment is installed after backfill, CALL FOR INSPECTION OF THE EQUIPMENT.</li> </ul>	
3. Meter cannot be set until inspector has approved installation, including service equipment, and receipt of city/county/state inspection clearance.	
Power Source: 425	Structure Number: D2023172222
Joint Trench with: Electric Only	Handhole Installed by: Customer
Standards Page #: SSG4435	Handhole Lid Shall Read: STREET LIGHT
Ladder Arms:	Stop Trench: 1" from Transformer
	Riser Quad:
Bend Installed by: Customer	Type: Transformer 3" 90 Deg 36"R DB60
Conduit Installed by: Customer	Conduit Size: 1 - DB 3"
Service Panel Rating:	Number/Size of Main Switch:
	Voltage:
# of Wires:	Phase:
	Utilities Maximum Contribution to Fault Current N/A Amps
Metering:	Meter Clips: N/A
Temp Service Charge Due on First Bill \$	





# ELECTRIC UNDERGROUND METER & SERVICE LOCATION

Customer Copy

A Sempra Energy utility

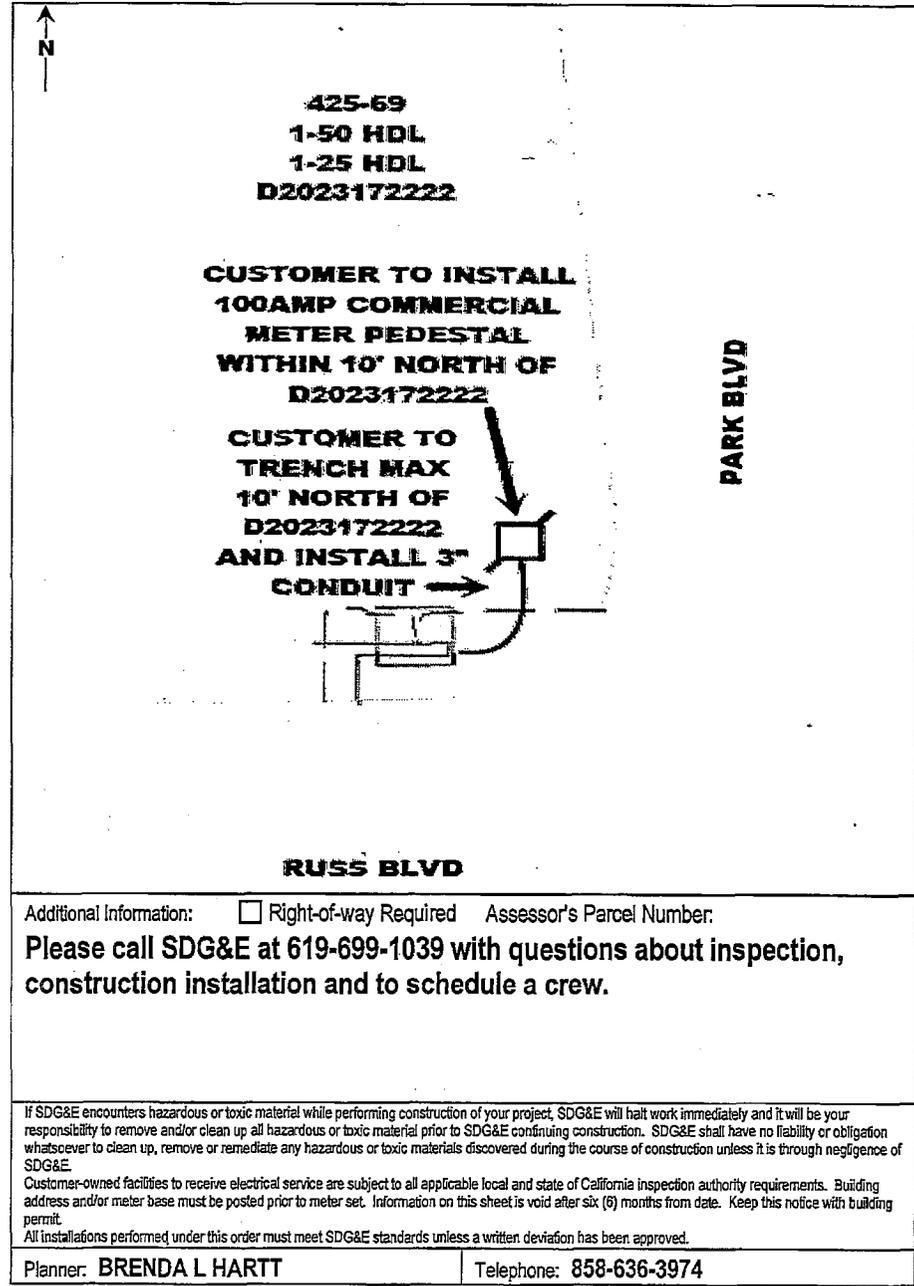
T.B. 1289-B2

Wanted Date: ON TRENCH AND CITY INSPECTION Service Type: UG Service New

Customer Type: Commercial

Date Prepared: 03/24/2014

Project No: 452426	Job No: 020	
Project Title: PARK BL N/O RUSS BL T & S		
Project Address: PARK BL N/O RUSS BL		
Project City: SAN DIEGO	Customer Phone #:	
Contact: FERNANDO LASAGA	Contact Phone #: 619-533-7406	
<input checked="" type="checkbox"/> Traffic Control Permit Required. Excavation/Encroachment Permits Required By		
Service Attachment Point and/or Meter Location: Customer is to locate new 100AMP Commercial meter pedestal 10 feet North of Transformer - D2023172222. Face pedestal toward street and maintain 3' x 3' clearance. Customer is to provide trench, backfill, surface repair, and compaction, pull tape and 3 inch conduit from Transformer to new meter pedestal. Address must be permanently marked on meter pedestal. See Specs 692-692-1. Customer is to obtain a permit and inspection from the City of San Diego. Contact SDG&E at 619-699-1039 to set up a pre-meet prior to excavating. Job requires Traffic Control Plan.		
<input checked="" type="checkbox"/> SDG&E Application Required - Call: 1-800-411-7343		
Municipal Inspection Required By City of San Diego		
Meter height - 4'0" min. (3'0" min. for multiple meter installation) - 6'3" max. From finish grade to centerline of meter base. Meters are required to be readily accessible 24 hours per day. Meters must be located in a safe area free of any potentially hazardous or dangerous condition. Provide 3-ft. X 3-ft. Minimum clear and level working space in front of meter. Where meter room is proposed, contact the planner at the nearest SDG&E office. Meter bases and meter service disconnects must be located at or immediately adjacent to each other and be identified with address and unit number it serves.		
<b>PROCEDURE FOR INSTALLATION</b>		
1. PHONE DIG ALERT 1-800-227-2600 AT LEAST TWO DAYS PRIOR TO TRENCHING FOR LOCATION OF UNDERGROUND UTILITIES.		
2. Phone SDG&E at 619-699-1039 for the following: <ul style="list-style-type: none"> <li>• 3 working days prior to trenching to arrange pre-meet with inspector and initiate trenching process.</li> <li>• After excavation of trench, installation of conduit and service entrance equipment at meter location, CALL FOR INSPECTION. Do not cover conduit without inspector's written approval to backfill.</li> <li>• When trench is backfilled and compacted, CALL FOR INSPECTION.</li> <li>• If service entrance equipment is installed after backfill, CALL FOR INSPECTION OF THE EQUIPMENT.</li> </ul>		
3. Meter cannot be set until inspector has approved installation, including service equipment, and receipt of city/county/state inspection clearance.		
Power Source: 425	Structure Number: D2023172222	
Joint Trench with: Electric Only	Handhole Installed by:	
Standards Page #:	Handhole Lid Shall Read:	
Ladder Arms:	Stop Trench: 1" from Transformer	Riser Quad:
Band Installed by: Customer	Type: Transformer 3" 90 Deg 36"R DB60	
Conduit Installed by: Customer	Conduit Size: 1 - DB 3"	
Service Panel Rating: 100	Number/Size of Main Switch: 1/100AMP	Voltage: 120/240
# of Wires: 3	Phase: Single	Utilities Maximum Contribution to Fault Current 42000 Amps
Metering: Self-Contained, Test Bypass Facilities Rqrd	Meter Clips: 4	
Temp Service Charge Due on First Bill \$		



**APPENDIX C**  
**CALTRANS ENCROACHMENT PERMIT**

In compliance with (Check one):

- Your application of JUNE 16, 2014
- Utility Notice No. \_\_\_\_\_ of \_\_\_\_\_
- Agreement No. \_\_\_\_\_ of \_\_\_\_\_
- R/W Contract No. \_\_\_\_\_ of \_\_\_\_\_

Permit No. <b>11-14-NSN-0345</b>	
Dist/Co/Rte/PM <b>11-SD-5/R15.89</b>	
Date <b>SEPTEMBER 10, 2014</b>	
Fee Paid \$ <b>EXEMPT</b>	Deposit \$ <b>EXEMPT</b>
Performance Bond Amount (1) \$ <b>0.00</b>	Payment Bond Amount (2) \$ <b>0.00</b>
Bond Company <b>N/A</b>	
Bond Number (1) <b>N/A</b>	Bond Number (2) <b>N/A</b>

TO: CIVIC SAN DIEGO  
 401 B STREET, SUITE 400  
 SAN DIEGO, CA 92101-4298

ATTN: GRETCHEN SORENSON  
 PHONE: (619) 533-7113

, 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 5, post mile R15.89 to place traffic control and replace traffic signal loops for median improvement work, as shown on the attached plans, in accordance with the requirements and conditions contained in the attached Special Provisions dated as received August 7, 2014, in accordance with the requirements and conditions contained herein, and as further directed or approved by the State's Inspector, Rahi Nikravesh, cell number (858) 688-1605, email Rahi.Nikravesh@dot.ca.gov.

The State's Inspector shall be notified seven working days prior to starting work. Permittee shall also call Dan Runalls, telephone number (619) 572-8387, at least ten working days prior to starting work and arrange for a mark-out. Caltrans electrical facilities may be affected by this work.

Working hours shall be 9:00 p.m. to 5:00 a.m., Sunday through Thursday, and 8:00 a.m. to 2:00 p.m., Monday through Thursday, or as directed or approved by the State's Inspector.

(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 Storm Water Pollution Prevention Program

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 **FEBRUARY 28, 2015.**

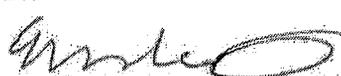
This permit is to be strictly construed and no other work other than specifically mentioned is hereby authorized. No project work shall be commenced until all other necessary permits and environmental clearances have been obtained.

ERG:erg  
 cc: Permits  
 BStinnett, Reg. Mgr.  
 RNikravesh, Inspector  
 DRunalls, Maint. Elect.  
 Permittee  
 Contractor

APPROVED:

Laurie Berman, District Director

BY:

 **Ann M. Fox, District Permit Engineer**

Permittee's Contractor shall be required to replace all traffic signal inductive loops within 48 hours of being damaged.

Permittee's Contractor is responsible for the actual cost of inspection, which may be more or less than the deposit. Permittee's Contractor will also be responsible for the actual cost of mark-out by Caltrans personnel. 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 \$984.00 will be required upon submittal of the application to perform the work. Also, your contractor must submit proof that they have obtained executed bonds in accordance with General Provision No. 24.

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.

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 traffic lanes and shoulders in accordance with attached Caltrans 2010 Revised Standard Plans RSP T9, RSP T10 (SHOULDER CLOSURE), RSP T11, and the attached TRAFFIC CONTROL PLANS, Part 6 "Temporary Traffic Control" of the California Manual on Uniform Traffic Control Devices (California MUTCD) 2012 Edition, Section 12 "Temporary Traffic Control" of Caltrans 2010 Standard Specifications, and these Special Provisions.

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.

**CIVIC SAN DIEGO**  
**11-14-NSN-0345**  
**SEPTEMBER 10, 2014**  
**PAGE THREE**

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.

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 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.

**Special Provisions**  
**Permit # 11-13-6-SN-0339**  
**Section 86 Electrical Systems**

**RECEIVED**  
**AUG 07 2014**  
**CALTRANS-PERMIT**

**Replace "Reserved" in section 86-1.06B with:**

Traffic Management System (TMS) elements include, but are not limited to ramp metering (RM) system, communication system, traffic monitoring stations, video image vehicle detection system (VIVDS), microwave vehicle detection system (MVDS), loop detection system, changeable message sign (CMS) system, extinguishable message sign (EMS) system, highway advisory radio (HAR) system, closed circuit television (CCTV) camera system, roadway weather information system (RWIS), visibility sensor, and fiber optic system.

Existing TMS elements, including detection systems, shown and located within the project limits must remain in place and be protected from damage. If the construction activities require existing TMS elements to be nonoperational or off line, and if temporary or portable TMS elements are not shown, the Contractor must provide for temporary or portable TMS elements. The Contractor must receive authorization on the type of temporary or portable TMS elements and installation method.

Before work is performed, the Engineer, the Contractor, and the Department's Traffic Operations Electrical representatives must jointly conduct a pre-construction operational status check of all existing TMS elements and each element's communication status with the Traffic Management Center (TMC), including existing TMS elements not shown and elements that may not be impacted by the Contractor's activities. The Department's Traffic Operations Electrical representatives will certify the TMS elements' location and status, and provide a copy of the certified list of the existing TMS elements within the project limits to the Contractor. The status list will include the operational, defined as having full functionality, and the nonoperational components.

The Contractor must obtain authorization at least 72 hours before interrupting existing TMS elements' communication with the TMC that will result in the elements being nonoperational or off line. The Contractor must notify the Engineer at least 72 hours before starting excavation activities.

Traffic monitoring stations and their associated communication systems, which were verified to be operational during the pre-construction operational status check, must remain operational on freeway/highway mainline at all times, except:

1. For a duration of up to 15 days on any continuous segment of the freeway/highway longer than 3 miles
2. For a duration of up to 60 days on any continuous segment of the freeway/highway shorter than 3 miles

If the construction activities require existing detection systems to be nonoperational or off line for a longer time period or the spacing between traffic monitoring stations is more than the specified criteria above, and temporary or portable detection operations are not shown, the Contractor must provide provisions for temporary or portable detection operations. The Contractor must receive authorization on the type of detection and installation before installing the temporary or portable detection.

If existing TMS elements shown or identified during the pre-construction operational status check, except traffic monitoring stations, are damaged or fail due to the Contractor's activity, where the elements are not fully functional, the Engineer must be notified immediately. If the Contractor is notified by the Engineer that existing TMS elements have been damaged, have failed or are not fully functional due to the Contractor's activity, the damaged or failed TMS elements, excluding structure-related elements, must be repaired or replaced, at the Contractor's expense, within 24 hours. For a structure-related elements, the Contractor must install temporary or portable TMS elements within 24 hours. For nonstructure-related TMS elements, the Engineer may authorize temporary or portable TMS elements for use during the construction activities.

The Contractor must demonstrate that repaired or replaced elements operate in a manner equal to or better than the replaced equipment. If the Contractor fails to perform required repairs or replacement

work, the Department may perform the repair or replacement work and the cost will be deducted from monies due to the Contractor.

A TMS element must be considered nonoperational or off line for the duration of time that active communications with the TMC is disrupted, resulting in messages and commands not transmitted from or to the TMS element.

The Contractor must provide provisions for replacing existing TMS elements within the project limits, including detection systems, that were not identified on the plans or during the pre-construction operational status check that became damaged due to the Contractor's activities.

If the pre-construction operational status check identified existing TMS elements, then the Contractor, the Engineer, and the Department's Traffic Operations Electrical representatives must jointly conduct a post construction operational status check of all existing TMS elements and each element's communication status with the TMC. The Department's Traffic Operations Electrical representatives will certify the TMS elements' status and provide a copy of the certified list of the existing TMS elements within the project limits to the Contractor. The status list will include the operational, defined as having full functionality, and the nonoperational components. TMS elements that cease to be functional between pre and post construction status checks must be repaired at the Contractor's expense.

The Engineer will authorize the schedule for final replacement, the replacement methods and the replacement elements, including element types and installation methods before repair or replacement work is performed. The final TMS elements must be new and of equal or better quality than the existing TMS elements.

If no electrical work exists on the project and no TMS elements are identified within the project limits, the pre-construction operational status check is change order work.

Furnishing and installing temporary or portable TMS elements that are not shown, but are required when an existing TMS element becomes nonoperational or off line due to construction activities, is change order work.

Furnishing and installing temporary or portable TMS elements and replacing TMS elements that are not shown nor identified during the pre-construction operational status check and were damaged by construction activities is change order work.

If the Contractor is required to submit provisions for the replacement of TMS elements that were not identified, submitting the provisions is change order work.

**Add to section 86-5.01A(1):**

For Type E detector loops, sides of the slot must be vertical and the minimum radius of the slot entering and leaving the circular part of the loop must be 1-1/2 inches. Slot width must be a maximum of 5/8 inch. Loop wire for circular loops must be Type 2. Slots of circular loops must be filled with elastomeric sealant or hot-melt rubberized asphalt sealant.

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.

DIST.	COUNTY	ROUTE	POST-MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
July 19, 2013 PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETION OF WORK SHOWN ON THESE PLANS SHEETS.</small>					

TO ACCOMPANY PLANS DATED \_\_\_\_\_

TABLE 1

SPEED (S)	MINIMUM TAPER LENGTH * FOR WIDTH OF OFFSET 12 FEET (W)				MAXIMUM CHANNELIZING DEVICE SPACING		
	TANGENT 2L	MERGING L	SHIFTING L/2	SHOULDER L/3	TAPER	TANGENT	CONFLICT
					X	Y	Z ***
mph	ft	ft	ft	ft	ft	ft	ft
20	160	80	40	27	20	40	10
25	250	125	63	42	25	50	12
30	360	180	90	60	30	60	15
35	490	245	123	82	35	70	17
40	640	320	160	107	40	80	20
45	1080	540	270	180	45	90	22
50	1200	600	300	200	50	100	25
55	1320	660	330	220	55	110	27
60	1450	725	360	240	60	120	30
65	1560	780	390	250	65	130	32
70	1680	840	420	280	70	140	35

\* - For other offsets, use the following merging taper length formula for L:  
 For speed of 40 mph or less,  $L = WS^2/60$   
 For speed of 45 mph or more,  $L = WS$

where: L = Taper length in feet

W = Width of offset in feet

S = Posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

\*\* - Use for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers (CA).

TABLE 2

SPEED *	Min D **	DOWNGRADE Min D ***		
		-3%	-6%	-9%
mph	ft	ft	ft	ft
20	115	115	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891

\* - Speed is posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

\*\* - Longitudinal buffer space or flagger station spacing

\*\*\* - Use on sustained downgrade steeper than -3 percent and longer than 1 mile.

TABLE 3

ROAD TYPE	DISTANCE BETWEEN SIGNS *		
	A	B	C
URBAN - 25 mph OR LESS	100	100	100
URBAN - MORE THAN 25 mph TO 40 mph	250	250	250
URBAN - MORE THAN 40 mph	350	350	350
RURAL	500	500	500
EXPRESSWAY / FREEWAY	1000	1500	2540

\* - The distances are approximate, are intended for guidance purposes only, and should be applied with engineering judgment. These distances should be adjusted by the Engineer for field conditions, if necessary, by increasing or decreasing the recommended distances.

2010 REVISED STANDARD PLAN RSP T9

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM TABLES  
 FOR LANE AND RAMP CLOSURES**

NO SCALE

RSP T9 DATED JULY 19, 2013 SUPERSEDES RSP T9 DATED APRIL 19, 2013  
 THAT SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2010.

**REVISED STANDARD PLAN RSP T9**

OVERLAY (AS APPROPRIATE)

**NOTES:**

See Revised Standard Plan RSP T9 for tables.

Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.

Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background. California codes are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

See Note 3

See Note 8

See Note 12

See Note 13 AND TABLE 1

See Note 14

See Note 15

See Note 1

See Note 2

See Note 7

See Note 10 AND 11

See Note 11

See Note 12

See Note 13

See Note 14

See Note 15

TO ACCOMPANY PLANS DATED \_\_\_\_\_

Sheet	COUNTY	ROUTE	POST MILE	POST TOTAL
			TOTAL PROJECT	TOTAL PROJECT

APRIL 19, 2013  
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION  
THIS DOCUMENT IS NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY INFORMATION CONTAINED HEREIN.

**NOTES:**

- Median lane closures shall conform to the details as shown except that C20(CA)L and W4-2L signs shall be used.
- At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closures.
- Duplicate sign installations are not required:
  - On opposite shoulder if at least one-half of the available lanes remain open to traffic.
  - In the median if the width of the median shoulder is less than 8' and the outside lanes are to be closed.
- Each advance warning sign on each side of the roadway shall be equipped with at least two flags for daytime closure. Each flag shall be at least 18" x 18" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
- A C20-2 "END ROAD WORK" sign with minimum size of 48" x 24" 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.
- If the W20-1 sign would follow within 2000' of a stationary W20-1 or C20-1 "ROAD WORK NEXT 2 MILES", use a C20(CA) sign for the first advance warning sign.
- Place a C30(CA) sign every 2000' throughout length of lane closure.
- One flashing arrow sign for each lane closed. The flashing arrow signs shall be Type L.
- A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at top of crest vertical curve or on a horizontal curve.
- All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
- Portable delineators, placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.
- 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.
- Unless otherwise specified in the special provisions, the 2L tangent shown along lane lines shall be used between the L tapers required for each closed traffic lane.
- Unless otherwise specified in the special provisions, the E5-1 or SC18(CA) and W4-1 signs shall be used as shown.
- A W7-3aP "NEXT 2 MILES" plaque must be used if the shoulder closure extends beyond the distance that can be perceived by road users.

**LEGEND**

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- ⊥ TEMPORARY TRAFFIC CONTROL SIGN
- ⬄ FLASHING ARROW SIGN (FAS)
- ⊞ FAS SUPPORT OR TRAILER
- ⊞ PORTABLE FLASHING BEACON

**SIGN PANEL SIZE (Min)**

A	48" x 48"
B	72" x 60"
C	36" x 30"

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM  
FOR LANE CLOSURE ON  
FREEWAYS AND EXPRESSWAYS**

NO SCALE

RSP T10 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T10  
DATED MAY 20, 2011 - PAGE 237 OF THE STANDARD PLANS BOOK DATED 2010.

**REVISED STANDARD PLAN RSP T10**

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

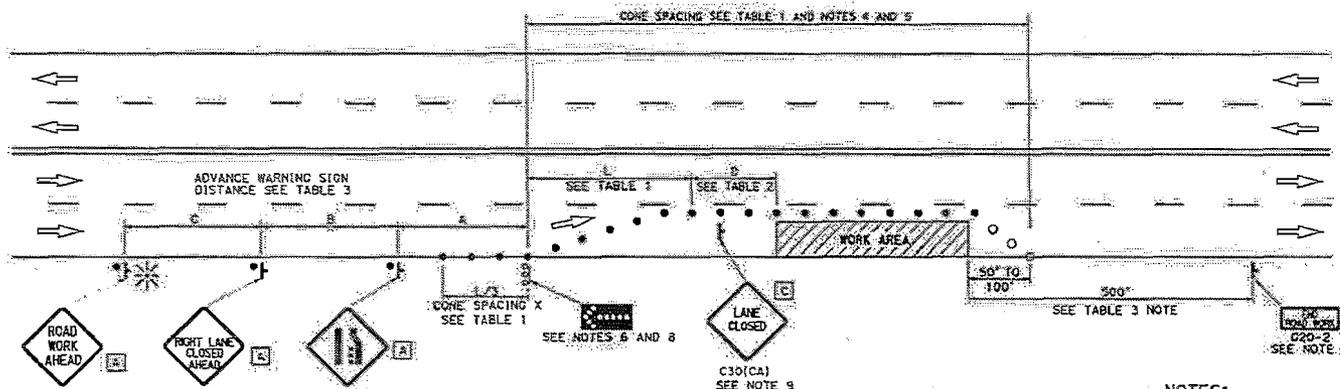
*Abraham*  
REGISTERED CIVIL ENGINEER

APR 19, 2013  
PLANS APPROVED DATE

NO STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF DRAWINGS EXCEPT AS THIS PLAN SAYS.

REGISTERED PROFESSIONAL ENGINEER  
EXCISE  
1-2014  
ETPL

TO ACCOMPANY PLANS DATED \_\_\_\_\_



**TYPICAL LANE CLOSURE**

**NOTES:**

- See Revised Standard Plan RSP T9 for tables.
- Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
- Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background.
- California codes are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

**NOTES:**

- Each advance warning sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
- 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.
- If the W20-1 sign would follow within 2000' of a stationary W20-1 or G20-1 "ROAD WORK NEXT MILES", use a C20(CA) sign for the first advance warning sign.
- All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
- Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.
- Flashing arrow sign shall be either Type I or Type E.
- For approach speeds over 50 mph, use the "Traffic Control System for Lane Closure On Freeways And Expressways" plan for lane closure details and requirements.
- A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at the top of crest vertical curve or on a horizontal curve.
- Place a C30(CA) sign every 2000' throughout length of lane closure.
- Median lane closures shall conform to the details as shown except that C20(CA)L and W4-2L signs shall be used.
- At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closure unless, otherwise directed by the Engineer.

**LEGEND**

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- ⚡ TEMPORARY TRAFFIC CONTROL SIGN
- ⚡ FLASHING ARROW SIGN (FAS)
- ⚡ FAS SUPPORT OR TRAILER
- ⚡ PORTABLE FLASHING BEACON

**SIGN PANEL SIZE (Min)**

- A 48" x 48"
- B 36" x 18"
- C 30" x 30"

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**TRAFFIC CONTROL SYSTEM  
FOR LANE CLOSURE ON  
MULTILANE CONVENTIONAL  
HIGHWAYS**  
NO SCALE

RSP T11 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T11  
DATED MAY 20, 2011 - PAGE 239 OF THE STANDARD PLANS BOOK DATED 2010.

**REVISED STANDARD PLAN RSP T11**

2010 REVISED STANDARD PLAN RSP T11

**APPENDIX D**

**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

**ATTACHMENT F**  
**INTENTIONALLY LEFT BLANK**

City of San Diego, solely in its capacity as the designated Successor Agency to the Redevelopment Agency of the City of San Diego, a former public body, corporate and politic, herein referred to as

# Successor Agency

TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC.  
9580 BLACK MOUNTAIN RD, STE L  
SAN DIEGO, CA 92126

CONTRACTOR'S NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
TELEPHONE NO.: 858-689-0058 FAX NO.: 858-689-1594  
CITY CONTACT: DAMIAN SINGLETON, Contract Specialist, Email: Dsingleton@sandiego.gov  
Phone No. (619) 533-3482, Fax No. (619) 533-3633  
G.Sorenson/Bdoringo/egz

## CONTRACT DOCUMENTS FOR



### PARK BOULEVARD AND SAN DIEGO HIGH SCHOOL PEDESTRIAN TRAFFIC SIGNAL AND STREETScape IMPROVEMENTS

VOLUME 2 OF 2

BID NO.: \_\_\_\_\_ K-15-6221-DBB-3-A  
SAP NO. (WBS/IO/CC): \_\_\_\_\_ 24001299  
CLIENT DEPARTMENT: \_\_\_\_\_ 2116  
COUNCIL DISTRICT: \_\_\_\_\_ 3  
PROJECT TYPE: \_\_\_\_\_ IK / II

THIS CONTRACT IS SUBJECT TO THE FOLLOWING:

- THE CITY'S SUBCONTRACTING PARTICIPATION REQUIREMENTS FOR SLBE PROGRAM.
- BID DISCOUNT PROGRAM (The WHITEBOOK, SLBE-ELBE Program Requirements, Section IV(2))
- PREVAILING WAGE RATES: STATE  FEDERAL
- THIS IS A SANDAG FUNDED CONTRACT
- THIS IS A SMART GROWTH INCENTIVE PROGRAM

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

TABLE OF CONTENTS

DESCRIPTION

PAGE NUMBER

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..... 6
3. Non-Collusion Affidavit to be executed by Bidder and Submitted with Bid under 23 USC 112 and PCC 7106 ..... 7
4. Contractors Certification of Pending Actions ..... 8
5. Equal Benefits Ordinance Certification of Compliance..... 9
6. Proposal (Bid)..... 10
7. Form AA35 - List of Subcontractors ..... 15
8. Form AA40 - Named Equipment/Material Supplier List ..... 16
9. Form AA45 - Subcontractor's Additive/Deductive Alternate..... 17

The Successor Agency is defined in SECTION 1 - TERMS, DEFINITIONS, ABBREVIATIONS, UNITS OF MEASURE, AND SYMBOLS of Volume 1 of this solicitation. All references herein to City shall be deemed to refer to the Successor Agency where necessary to identify the agency in privity of contract for the performance of this project.

**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:**

(N/A)

- (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. \_\_\_\_\_
- (6) Email Address \_\_\_\_\_

**IF A PARTNERSHIP, SIGN HERE:**

(N/A)

- (1) Name under which business is conducted \_\_\_\_\_

**BIDDING DOCUMENTS**

(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. \_\_\_\_\_

(7) Email Address \_\_\_\_\_

**IF A CORPORATION, SIGN HERE:**

**TRI-GROUP CONSTRUCTION  
AND DEVELOPMENT, INC.**

(1) Name under which business is conducted \_\_\_\_\_

(2) Signature, with official title of officer authorized to sign for the corporation:

  
\_\_\_\_\_  
(Signature)  
**HANI ASSI**

\_\_\_\_\_  
(Printed Name)

**SECRETARY OF CORPORATION**

\_\_\_\_\_  
(Title of Officer)

(Impress Corporate Seal Here)

(3) Incorporated under the laws of the State of CALIFORNIA

(4) Place of Business (Street & Number) 9580 BLACK MOUNTAIN ROAD SUITE L

(5) City and State SAN DIEGO CA Zip Code 92126

(6) Telephone No. 858-689-0058 Facsimile No. 858-699-1594

(7) Email Address trigroupconst@aol.com



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
County of SAN DIEGO )

On 2/19/2015 before me, MICHELLE M. BASUIL, NOTARY PUBLIC,  
*Date Here Insert Name and Title of the Officer*

personally appeared HANI ASSI  
*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 *Michelle M. Basuil*  
*Signature of Notary Public*

*Place Notary Seal Above*

**OPTIONAL**

*Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.*

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_  
Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: HANI ASSI  
 Corporate Officer — Title(s): SECRETARY  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

BIDDING DOCUMENTS

**BID BOND**

KNOW ALL MEN BY THESE PRESENTS,

That TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC. as Principal, and NORTH AMERICAN SPECIALTY INSURANCE COMPANY as Surety, are held and firmly bound unto The Successor Agency 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.

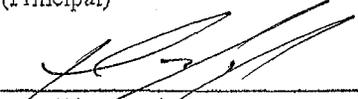
WHEREAS, said Principal has submitted a Bid to said OWNER to perform the WORK required under the bidding schedule(s) of the OWNER's Contract Documents entitled PARK BOULEVARD AND SAN DIEGO HIGH SCHOOL PEDESTRIAN TRAFFIC SIGNAL AND STREETScape IMPROVEMENTS

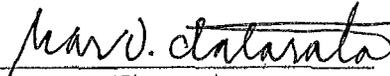
NOW THEREFORE, if said Principal is awarded a contract by said OWNER and, within the time and in the manner required in the "Notice Inviting Bids" enters into a written Agreement on the form of agreement bound with said Contract Documents, furnishes the required certificates of insurance, and furnishes 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 19TH day of FEBRUARY, 2015

TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC. (SEAL)  
(Principal)

NORTH AMERICAN SPECIALTY INSURANCE COMPANY (SEAL)  
(Surety)

By:   
(Signature)  
HANI ASSI, SECRETARY

By:   
(Signature)  
MARK D. IATAROLA, ATTORNEY-IN-FACT

(SEAL AND NOTARIAL ACKNOWLEDGEMENT OF SURETY)

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**



A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
County of SAN DIEGO )

On 2/19/2015 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.

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*

*Place Notary Seal Above*

**OPTIONAL**

*Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.*

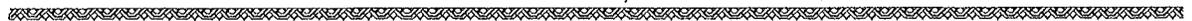
**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_  
Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: MARK D. IATAROLA  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_



NAS SURETY GROUP

NORTH AMERICAN SPECIALTY INSURANCE COMPANY  
WASHINGTON INTERNATIONAL INSURANCE COMPANY

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT North American Specialty Insurance Company, a corporation duly organized and existing under laws of the State of New Hampshire, and having its principal office in the City of Manchester, New Hampshire, and Washington International Insurance Company, a corporation organized and existing under the laws of the State of New Hampshire and having its principal office in the City of Schaumburg, Illinois, each does hereby make, constitute and appoint:

JOHN G. MALONEY, HELEN MALONEY, MICHELLE M. BASUIL,

GLENDIA J. ROONEY, and MARK D. IATAROLA

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

FIFTY MILLION (\$50,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both North American Specialty Insurance Company and Washington International Insurance Company at meetings duly called and held on the 9<sup>th</sup> of May, 2012:

"RESOLVED, that any two of the Presidents, any Managing Director, any Senior Vice President, any Vice President, any Assistant Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Company bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Company; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Company may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Company when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By [Signature]  
Steven P. Anderson, Senior Vice President of Washington International Insurance Company  
& Senior Vice President of North American Specialty Insurance Company



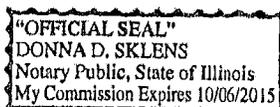
By [Signature]  
David M. Layman, Vice President of Washington International Insurance Company  
& Vice President of North American Specialty Insurance Company

IN WITNESS WHEREOF, North American Specialty Insurance Company and Washington International Insurance Company have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers this 9<sup>th</sup> day of May, 2014.

North American Specialty Insurance Company  
Washington International Insurance Company

State of Illinois  
County of Cook ss:

On this 9<sup>th</sup> day of May, 2014, before me, a Notary Public personally appeared Steven P. Anderson, Senior Vice President of Washington International Insurance Company and Senior Vice President of North American Specialty Insurance Company and David M. Layman, Vice President of Washington International Insurance Company and Vice President of North American Specialty Insurance Company, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



[Signature]  
Donna D. Sklens, Notary Public

I, Jeffrey Goldberg, the duly elected Assistant Secretary of North American Specialty Insurance Company and Washington International Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said North American Specialty Insurance Company and Washington International Insurance Company, which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 19<sup>th</sup> day of FEBRUARY, 2015.

[Signature]  
Jeffrey Goldberg, Vice President & Assistant Secretary of  
Washington International Insurance Company & North American Specialty Insurance Company



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

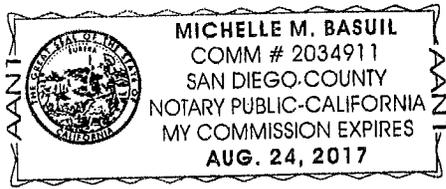
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
County of SAN DIEGO )  
On 2/19/2015 before me, MICHELLE M. BASUIL, NOTARY PUBLIC,  
*Date Here Insert Name and Title of the Officer*  
personally appeared HANI ASSI  
*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 *Michelle M. Basuil*  
*Signature of Notary Public*

*Place Notary Seal Above*

**OPTIONAL**

*Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.*

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_ Document Date: \_\_\_\_\_  
Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: HANI ASSI  
 Corporate Officer — Title(s): SECRETARY  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

**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
<b>TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC.</b>					<b>HANI ASSI</b>

Contractor Name: \_\_\_\_\_

Certified By HANI ASSI Title SECRETARY OF CORPORATION  
Name  
[Signature] Date 02-19-2015  
Signature

**USE ADDITIONAL FORMS AS NECESSARY**



## BIDDING DOCUMENTS

### PROPOSAL (BID)

The Bidder agrees to the construction of **Park Boulevard and San Diego High School Pedestrian Traffic Signal and Streetscape Improvements**, 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
<b>BASE BID</b>							
1	1	LS	524126	2-4.1	Bonds (Payment and Performance)	<del>          </del>	\$9,000
2	1	LS	237310	7-10.2.6	Traffic Control	<del>          </del>	\$10,000
3	1	LS	237310	9-3.4	Mobilization	<del>          </del>	\$20,000
4	1	AL		9-3.6	Field Orders - Type II	<del>          </del>	\$10,000.00
5	1	AL	237310	7.5.3	Caltrans Encroachment Permit Fees	<del>          </del>	\$984.00
6	1	LS	238910	300-1.4	Clearing & Grubbing	<del>          </del>	\$62,000
7	800	CY	237310	300.4.9	Unclassified Fill	\$ 29	\$ 23,200
8	4	EA	238910	301-1.7	Adjusting Existing Gate Valve Cover to Grade	\$ 400	\$ 1,600
9	7,925	SF	237310	302-5.9	Schedule "J" AC Pavement	\$ 7	\$ 55,475
10	72,000	SF	237310	302-4.12.4	Rubber Polymer Modified Slurry - Type II	\$ 0.38	\$ 27,360
11	1605	SF	237310	302-6.8	Bus Stop Pad	\$ 10	\$ 16,050
12	1	EA	237310	303-5.9	Contractor Date Stamp and Impressions	\$ 100	\$ 100

**BIDDING DOCUMENTS**

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
13	1,890	LF	237310	303-5.9	Median Curb & Gutter Type B-2	\$ 22	\$ 41,580
14	475	SF	237310	303-5.9	Cross Gutter	\$ 10	\$ 4,750
15	14,300	SF	237310	302-5.9	2" AC Median Paving	\$ 1.65	\$ 23,595
16	1	EA	237310	303-5.10.2	Curb Ramp Type B with Stainless Steel Detectable Warning Tiles	\$ 3,000	\$ 3,000
17	1	EA	237310	303-5.10.2	Curb Ramp Type D with Stainless Steel Detectable Warning Tiles	\$ 3,000	\$ 3,000
18	80	SF	237310	303-5.9	Truncated Domes	\$ 15	\$ 1,200
19	1,425	SF	237310	303-5.9	PCC Sidewalk	\$ 6	\$ 8,550
20	1	EA	237110	303-1.11	Clean Out Type A	\$ 6,000	\$ 6,000
21	2	EA	237110	303-1.11	Median Curb Inlet, Type J	\$ 7,000	\$ 14,000
22	426	LF	237110	306-1.6	18-Inch RCP Storm Drain	\$ 120	\$ 51,120
23	1	LS	238210	307-2	Street Lighting Electrical System	<del>                    </del>	\$ 95,000
24	1	EA	238210	307-2	Intersection Lighting and Traffic Signal System	\$ 125,000	\$ 125,000
25	1	LS	237310	314-4.4.6	Thermoplastic Striping, Crosswalks, Arrows, and Markings	<del>                    </del>	\$ 6,430
26	1	LS	237310	314-4.3.7	Painted Traffic Stripes and Curb Markings	<del>                    </del>	\$ 3,000
27	1	LS	541330	701-13.9.5	Water Pollution Control Program Development	<del>                    </del>	\$ 9,000

**BIDDING DOCUMENTS**

Item	Quantity	Unit	NAICS	Payment Reference	Description	Unit Price	Extension
28	1	LS	237990	701-13.9.5	Water Pollution Control Program Implementation	<del>          </del>	\$ 6,000
29	1	LS	541690	707-4	MMRP Archaeological Compliance	<del>          </del>	\$ 10,000
30	1	LS	541690	707-5	MMRP Paleontological Compliance	<del>          </del>	\$ 6,000
<b>ESTIMATED TOTAL BASE BID: \$</b>						<b>\$ 652,994.00</b>	
<b>ADDITIVE ALTERNATE A</b>							
1	10,100	SF	237310	302-1.12	Cold Mill Header Cuts	\$ 0.50	\$ 5,050
2	72,000	SF	237310	302-5.9	1-1/2-Inch Asphalt Concrete Overlay and Striping	\$ 1	\$ 72,000
<b>ESTIMATED TOTAL ADDITIVE ALTERNATE A:</b>						<b>\$ 77,050.00</b>	
<b>DEDUCTIVE ALTERNATE B</b>							
1	72,000	SF	237310	302-4.12.4	Rubber Polymer Modified Slurry - Type II (Base Bid Item 10)	\$ 0.38	\$ 27,360
<b>ESTIMATED TOTAL DEDUCTIVE ALTERNATE B:</b>						<b>\$ 27,360.00</b>	
<b>ADDITIVE ALTERNATE C</b>							
1	7,450	SF	237310	303-5.9	Colored PCC Raised Median (Type I)	\$ 6	\$ 44,700
2	6,850	SF	237310	303-5.9	PCC Raised Median (Type II)	\$ 6	\$ 41,100
<b>ESTIMATED TOTAL ADDITIVE ALTERNATE C:</b>						<b>\$ 85,800.00</b>	
<b>DEDUCTIVE ALTERNATE D</b>							
1	14,300	SF	237310	302-5.9	2" AC Median Paving (Base Bid Item 15)	\$ <del>1.50</del> <sup>1.65</sup> <sub>HA</sub>	\$ 23,595
<b>ESTIMATED TOTAL DEDUCTIVE ALTERNATE D:</b>						<b>\$ 23,595.00</b>	
<b>ESTIMATED TOTAL BASE BID PLUS ADDITIVE ALTERNATES A AND C PLUS DEDUCTIVE ALTERNATES B AND D:</b>						<b>\$ 764,889.00</b>	

**BIDDING DOCUMENTS**

TOTAL BID PRICE FOR BID (Base Bid, Items 1 through 30, Plus Additive Alternate A, Items 1 through 2 and Deductive Alternate B, Item 1, Plus Additive Alternate C, Items 1 through 2 and Deductive Alternate D, Item 1, inclusive) amount written in words:

SEVEN HUNDRED SIXTY FOUR THOUSAND, EIGHT HUNDRED EIGHTY NINE DOLLARS \$ 760,889

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: \_\_\_\_\_

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

COO ASSY **HANI ASSI**  
\_\_\_\_\_  
PRESIDENT \$  
\_\_\_\_\_ **SECRETARY OF CORPORATION**  
\_\_\_\_\_  
\_\_\_\_\_

**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: TRI-GROUP CONSTRUCTION AND DEVELOPMENT, INC. **HANI ASSI**  
\_\_\_\_\_  
Title: SECRETARY OF CORPORATION

Business Address: 9580 BUCK MOUNTAIN RD SUITE 'L' SAN DIEGO CA 92126

Place of Business: SAN DIEGO CA

Place of Residence: SAN DIEGO CA

Signature: \_\_\_\_\_  


## BIDDING DOCUMENTS

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### NOTES:

- A. The City shall determine the low Bid based on the Base Bid plus the following: Additive Alternates “A and C” and Deductive Alternates “B and D”.
- B. After the low Bid has been determined, the Successor Agency may award the Contract for the Base Bid alone or if applicable, for the Base Bid plus any combination of alternates selected in the Successor Agency’s sole discretion.
- C. 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.
- D. Failure to initial all corrections made in the bidding documents may cause the Bid to be rejected as **non-responsive** and ineligible for further consideration.
- E. 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.
- F. 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.
- G. 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.
- H. 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.
- I. 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.
- J. Subcontractors’ License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

**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.

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder non-responsive.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
✓ Name: <u>Perry Electric</u> Address: <u>P.O. Box 710130</u> City: <u>SANTEE</u> State: <u>CA</u> Zip: <u>92072</u> Phone: <u>619-449-0045</u> Email: _____	CONSTRUCTOR	747931	SIGNAL STRESS LIGHTS	\$207,023	SLBE	CITY OF SAN DIEGO	-
✓ Name: <u>STATEWIDE STRIPES INC</u> Address: <u>P.O. Box 600710</u> City: <u>SAN DIEGO</u> State: <u>CA</u> Zip: <u>92160</u> Phone: <u>858-560-6687</u> Email: _____							

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 |  |         |

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② As appropriate, Bidder shall indicate if Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

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

1 of 2

**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.

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder non-responsive.

NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED OUT)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
Name: <u>AMERICAN ASPHALT SOURCE</u> Address: <u>P.O. BOX 310036</u> City: <u>PONTIACA</u> State: <u>CA</u> Zip: <u>92231</u> Phone: <u>909-427-8226</u> Email:	<i>CONSTRUCTION</i>	<i>784969</i>	<i>SLURRY SEAL</i>	<i>\$25,200</i>	-	-	-
Name: Address: City: State: Zip: Phone: Email:							

① As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Bidder shall indicate if Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

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

*2 of 2*

**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 (MUST BE FILLED OUT)	SUPPLIER (Yes/No)	MANUFACTURER (Yes/No)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						
Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone: _____ Email: _____						

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.**

**BIDDING DOCUMENTS**

**SUBCONTRACTORS ADDITIVE/DEDUCTIVE ALTERNATE (USE ONLY WHEN ADDITIVE ALTERNATES ARE REQUIRED)**

Bidder shall list all Subcontractors described in the Bidder's *Base Bid* whose percentage of work will increase or decrease if alternates are selected for award. Bidder shall also list additional Subcontractors not described in the Bidder's *Base Bid* who, as a result of the alternates, will perform work or labor, or render services, or specially fabricate and install a portion [type] of work or improvements in an amount in excess of 0.5%.. 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.

Subcontractors' License Number must be filled in. Failure to provide the information specified may deem the bidder **non-responsive**.

ADDITIVE/DEDUCTIVE ALTERNATE	NAME, ADDRESS AND TELEPHONE NUMBER OF SUBCONTRACTOR	CONSTRUCTOR OR DESIGNER	SUBCONTRACTOR LICENSE NUMBER	TYPE OF WORK	DOLLAR VALUE OF SUBCONTRACT (MUST BE FILLED IN)	MBE, WBE, DBE, DVBE, OBE, ELBE, SLBE, SDB, WoSB, HUBZone, OR SDVOSB	WHERE CERTIFIED	CHECK IF JOINT VENTURE PARTNERSHIP
DEDUCTIVE ALT B	Name: AMERICAN ASPHALT 1000 Address: P.O. Box 310036 City: FONTANA State: CA Zip: 92331 Phone: 909-422-8226 Email:	CONSTRUCTOR	784969	SLURRY SEAL	\$25,200	—	—	—
ADDITIVE ALT A	Name: PAVEMENT RECYCLING SYSTEMS Address: 10240 SAN SEVING WAY City: JURUPA VALLEY State: CA Zip: 91752 Phone: 951-682-1091 Email: Sshoemaker@pavementrecycling.com	CONSTRUCTOR	569352	COLD MILK	\$4,853.10	—	—	—

① As appropriate, Bidder shall identify Subcontractor as one of the following and shall include a valid proof of certification (except for OBE, SLBE and ELBE):

- |   |        |  |         |
|---|--------|--|---------|
| Certified Minority Business Enterprise        | MBE    | Certified Woman Business Enterprise            | WBE     |
| Certified Disadvantaged Business Enterprise   | DBE    | Certified Disabled Veteran Business Enterprise | DVBE    |
| Other Business Enterprise                     | OBE    | Certified Emerging Local Business Enterprise   | ELBE    |
| Certified Small Local Business Enterprise     | SLBE   | Small Disadvantaged Business                   | SDB     |
| Woman-Owned Small Business                    | WoSB   | HUBZone Business                               | HUBZone |
| Service-Disabled Veteran Owned Small Business | SDVOSB |  |         |

② As appropriate, Bidder shall indicate if Subcontractor is certified by:

- |  |        |  |          |
|--|--------|--|----------|
| City of San Diego                                    | CITY   | State of California Department of Transportation       | CALTRANS |
| California Public Utilities Commission               | CPUC   | San Diego Regional Minority Supplier Diversity Council | SRMSDC   |
| State of California's Department of General Services | CADoGS | City of Los Angeles                                    | LA       |
| State of California                                  | CA     | U.S. Small Business Administration                     | SBA      |

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

# CONTRACT DRAWINGS FOR CAPITAL IMPROVEMENTS PROGRAM City of San Diego PARK BOULEVARD MEDIAN IMPROVEMENTS

### WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.

### TOPOGRAPHY SOURCE

THE SOURCE OF TOPOGRAPHIC INFORMATION IS A TOPOGRAPHIC SURVEY COMPLETED BY NASLAND ENGINEERING ON 2-9-2010.

### STREET CLASSIFICATION

FOUR LANE URBAN COLLECTOR

### ABBREVIATIONS

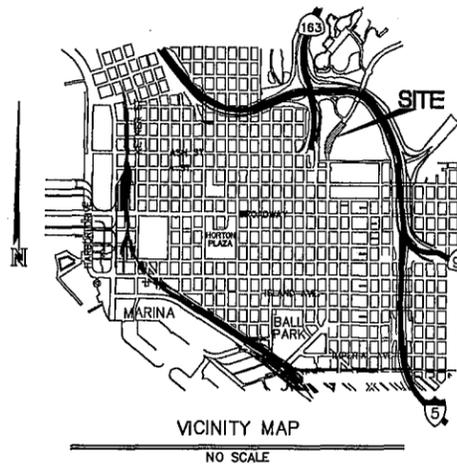
AC	ASPHALT CONCRETE	MH	MANHOLE
BC	BEGINNING OF CURVE	PCC	PORTLAND CONCRETE CEMENT
BLVD.	BOULEVARD	PCR	POINT OF CURVE RETURN
CCL	CALIFORNIA COORDINATE SYSTEM	R	RADIUS
CL	CENTER LINE	RCP	REINFORCED CONCRETE PIPE
CDNC.	CONCRETE	RT.	RIGHT
EC	END OF CURVE	R/W	RIGHT OF WAY
ELEV.	ELEVATION	SD	STORM DRAIN
EVC	END VERTICAL CURVE	SDCB	STORM DRAIN CATCH BASIN
EX.	EXISTING	SDG	STANDARD DESIGN GUIDE
FG	FINISHED GRADE	SS	SANITARY SEWER
FL	FLOW LINE	STA.	STATION
FS	FINISHED SURFACE	TC	TOP OF CURB
GB	GRADE BREAK	TS	TRAFFIC SIGNAL
LT.	LEFT	TYP	TYPICAL
MIN.	MINIMUM	WM	WATER METER

### DISCIPLINE CODE

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

### SHEET INDEX

DESCRIPTION	SHEET
COVER SHEET	1
NOTES	2
DEMOLITION PLANS	3-4
IMPROVEMENT PLANS	5-7
STORM DRAIN PLAN	8
STRIPING PLAN	9
TRAFFIC SIGNAL PLANS	10
TRAFFIC CONTROL PLANS	T1 - T2



### DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME AS ENGINEER OF WORK, OR OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

LAWRENCE P. THORNBURGH R.C.E. 49795 DATE  
R.C.E. EXPIRATION DATE: 09/30/14

NASLAND ENGINEERING  
4740 RUFFNER STREET  
SAN DIEGO, CA 92111  
(858) 292-7770

### STORM WATER PROTECTION NOTES

- THIS PROJECT IS SUBJECT TO MUNICIPAL STORM WATER PERMIT ORDER NO. 2009-009-DWQ; AND RISK LEVEL/TYP: CHECK ONE BELOW  
 WPCP  
 CGP RISK LEVEL 1       CGP LUP TYPE 1  
 CGP RISK LEVEL 2       CGP LUP TYPE 2  
 CGP RISK LEVEL 3       CGP LUP TYPE 3

- THE CONTRACTOR SHALL, PER SECTION 701-13.9 OF 2012 WHITEBOOK, PREPARE WATER POLLUTION CONTROL SITE MANAGEMENT PLAN (WPCSM). PROTECT ALL NEW AND EXISTING STORM DRAIN INLET STRUCTURES FROM SEDIMENTATION RUNOFF, ROCK WASHING RUNOFF, OR ANY OTHER PROJECT SITE RUNOFF BY PLACING GRAVEL BAGS, FILTER FABRIC, OR OTHER SATISFACTORY METHOD APPROVED BY THE RESIDENT ENGINEER.

### LEGEND

PROPOSED IMPROVEMENTS	STANDARD DWGS.	SYMBOL
6" TYPE B-2 MEDIAN CURB	SDG-154, SDG-156, G-10	
PROPOSED SAWCUT LINE		
PROPOSED CURB RAMP	TYPE "B", SDG-130, SDG-132	
PROPOSED CURB RAMP	TYPE "D", SDG-130, SDG-136	
AC PAVEMENT (SCHEDULE J)	SDG-113	
CONCRETE BUS PAD	SDG-102, SDG-156	
STREET LIGHT (LED)	SDE-101	
PROPOSED STORM DRAIN	SDD-110	
PROPOSED TYPE A STORM DRAIN CLEANOUT	D-9	
PROPOSED TYPE J MEDIAN INLET	SDD-118	
CROSS GUTTER	SDG-157	
MEDIAN PAVING	SDG-112	
PCC SIDEWALK	SDG-155, SDG-156, G-10	

### EXISTING IMPROVEMENTS

ITEM	SYMBOL
RIGHT-OF-WAY	
EXISTING SEWER MANHOLE	
EXISTING SEWER	
EXISTING SEWER LATERAL	
EXISTING WATER	
EXISTING WATER SERVICE	
EXISTING ELECTRIC	
EXISTING TELEPHONE	
EXISTING FIRE HYDRANT	
EXISTING TELEPHONE POLE	
EXISTING CURB	
EXISTING CURB AND GUTTER	
EXISTING DRIVEWAY	
EXISTING STREET LIGHT	
EXISTING PEDESTRIAN RAMP	
<input type="checkbox"/> PULLBOX	
<input type="checkbox"/> TELEPHONE RISER	

G-1

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



**NASLAND ENGINEERING**  
CIVIL ENGINEERING • SURVEYING • LAND PLANNING  
4740 Ruffner Street, San Diego, California, 92111 • 858-292-7770

REVISION	DATE	BY	PROJECT ENGR: LARRY THORNBURGH
100% SUBMITTAL	6-4-14	N.E.	DESIGNED BY: PAUL PITMAN
			DRAWN BY: PAUL PITMAN
			SCALE: AS SHOWN
			JOB NO. 109-221.1

TEMPORARY BMP CONSTRUCTION SITE WATER PRIORITY: LOW

SPECIFICATION NO. 5997

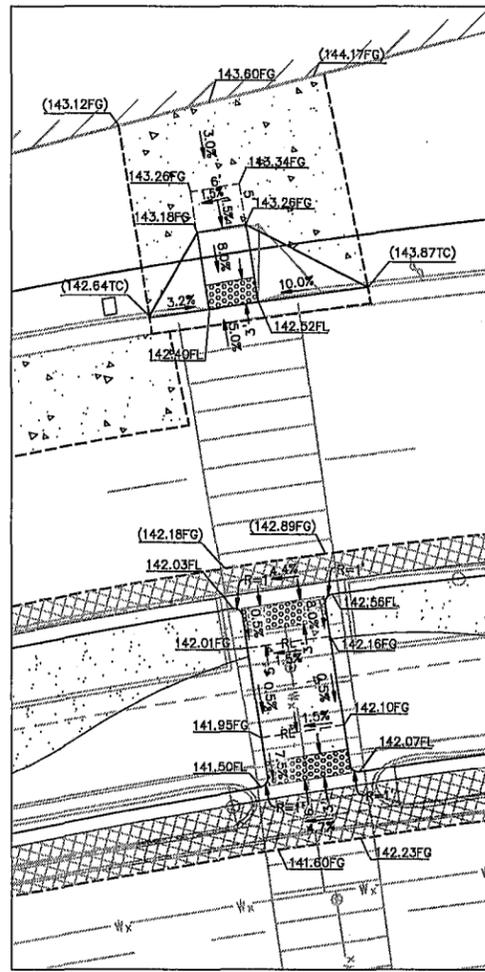
COVER SHEET FOR  
**PARK BOULEVARD MEDIAN IMPROVEMENTS**

CITY OF SAN DIEGO, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
SHEET 1 OF 10 SHEETS

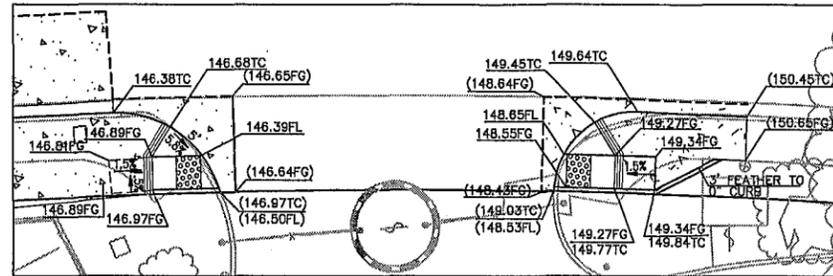
WBS# 24001299

APPROVED:	DATE	G. SORENSON PROJECT MANAGER
FOR CITY ENGINEER BRAD JOHNSON PRINT NAME		D. LI PROJECT ENGINEER
DESCRIPTION	BY	APPROVED
ORIGINAL	N.E.	
AS-BUILTS		
CONTRACTOR	DATE STARTED	1843-6294 CCS83 COORDINATES
INSPECTOR	DATE COMPLETED	37581-1-D

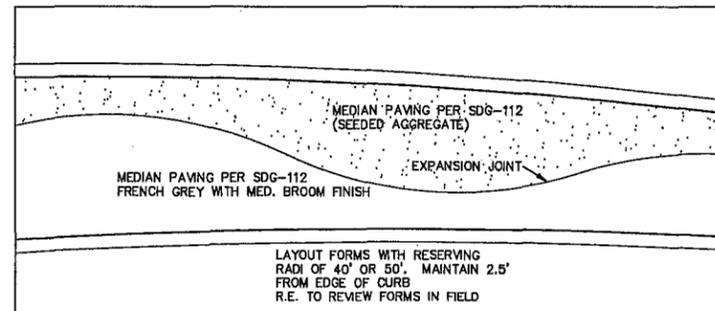
PARK BOULEVARD MEDIAN IMPROVEMENTS - 6-04-14



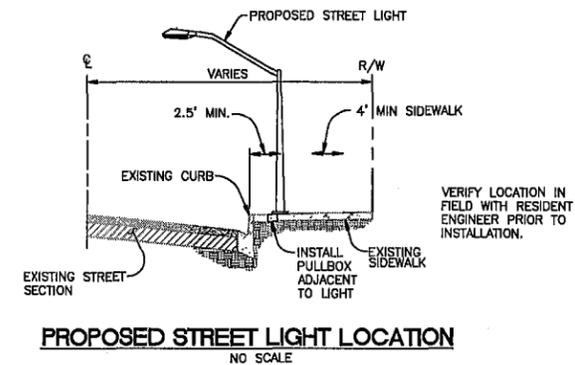
DETAIL RAMP FINE GRADING AT CROSSING  
SCALE 1"=10'



DETAIL RAMP FINE GRADING AT DRIVEWAY  
SCALE 1"=10'



MEDIAN PAVING CONSTRUCTION DETAIL  
SCALE 1"=10'



PROPOSED STREET LIGHT LOCATION  
NO SCALE

**STREET LIGHT NOTES:**

- CONTRACTOR INSTALLING THE STREET LIGHTING DISTRIBUTION SYSTEM SHALL NOTIFY CITY FIELD ENGINEER AT (858) 627-3200, A MINIMUM OF THREE (3) DAYS PRIOR TO STARTING OF WORK FOR APPROVAL OF CONDUIT, POLE LOCATIONS AND FIELD REQUIREMENTS.
- CONTRACTOR SHALL VERIFY THAT ALL STREET LIGHTS ARE ACTIVATED AND NOTIFY CITY FIELD ENGINEER AT (858) 627-3200, A MAXIMUM OF FOUR (4) WEEKS AFTER FINAL ELECTRICAL INSPECTION.
- NATIONAL ELECTRIC CODE (NEC) WIRE COLOR CODING SHALL BE USED FOR ALL ELECTRICAL WORK. LUMINAIRES SHALL BE LED REPLACEMENT FOR 250W HPS; SUBMITTED FOR APPROVAL.
- STREET LIGHT SCHEDULE:

STREET LIGHT NUMBER	STREET NAME	LOCATION REFERENCE*	CORNER/STREET SIDE	TYPE OF WORK /WATTAGE**	POLE TYPE	EXISTING LIGHT
1	PARK BOULEVARD	N/O RUSS BOULEVARD 184'	EAST	(N) 140W LED (4000k)	15	
2	PARK BOULEVARD	N/O RUSS BOULEVARD 205'	WEST	(N) 140W LED (4000k)	15	2 (E) 250W HPS
3	PARK BOULEVARD	N/O RUSS BOULEVARD 344'	EAST	(N) 140W LED (4000k)	15	3 (E) 250W HPS
4	PARK BOULEVARD	N/O RUSS BOULEVARD 345'	WEST	(N) 140W LED (4000k)	15	
5	PARK BOULEVARD	N/O RUSS BOULEVARD 502'	EAST	(N) 140W LED (4000k)	15	
6	PARK BOULEVARD	N/O RUSS BOULEVARD 474'	WEST	(N) 140W LED (4000k)	15	
7	PARK BOULEVARD	N/O RUSS BOULEVARD 577'	EAST	(N) 140W LED (4000k)	15	7 (E) 250W HPS
8	PARK BOULEVARD	N/O RUSS BOULEVARD 591'	WEST	(N) 140W LED (4000k)	15	
9	PARK BOULEVARD	N/O RUSS BOULEVARD 736'	EAST	(N) 140W LED (4000k)	15	9 (E) 250W HPS
10	PARK BOULEVARD	N/O RUSS BOULEVARD 739'	WEST	(N) 140W LED (4000k)	15	
11	PARK BOULEVARD	N/O RUSS BOULEVARD 873'	EAST	(N) 140W LED (4000k)	15	
12	PARK BOULEVARD	N/O RUSS BOULEVARD 881'	WEST	(N) 140W LED (4000k)	15	12 (E) 250W HPS
13	PARK BOULEVARD	N/O RUSS BOULEVARD 1022'	EAST	(N) 140W LED (4000k)	15	
14	PARK BOULEVARD	N/O RUSS BOULEVARD 1001'	WEST	(N) 140W LED (4000k)	15	

\*LOCATION REFERENCE FOR MID-BLOCK STREET LIGHTS: APPROXIMATE DISTANCE FROM CENTERLINE OF NEAREST CROSS STREET.  
\*\*TYPE OF WORK: NEW (N) AND EXISTING (E).

PARK BOULEVARD MEDIAN IMPROVEMENTS - 6-04-14

G-2

NOTES FOR:  
**PARK BOULEVARD MEDIAN IMPROVEMENTS**

CITY OF SAN DIEGO, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
SHEET 2 OF 10 SHEETS  
WBS# 24001299

APPROVED:	FOR CITY ENGINEER BRAD JOHNSON PRINT NAME	DATE	G. SORENSON PROJECT MANAGER
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	N.E.		
AS-BUILTS			
CONTRACTOR	DATE STARTED		
INSPECTOR	DATE COMPLETED		

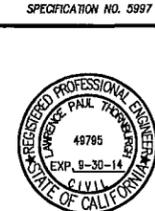
WARNING  
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

CITY OF SAN DIEGO  
PUBLIC WORKS PROJECT



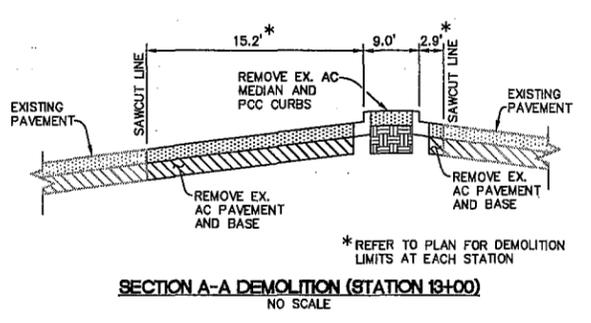
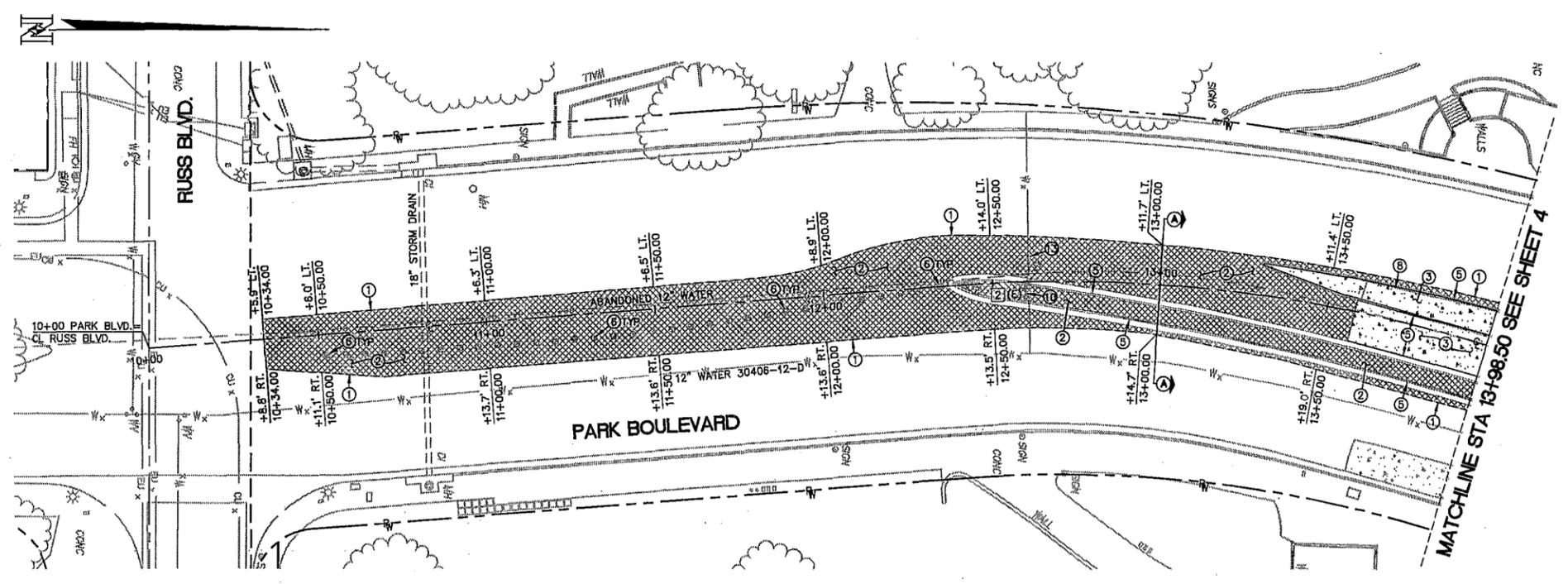
**NASLAND ENGINEERING**  
CIVIL ENGINEERING • SURVEYING • LAND PLANNING  
4740 Ruffner Street, San Diego, California, 92111 • 619-592-7770

REVISION	DATE	BY	PROJECT
100% SUBMITTAL	6-4-14	N.E.	ENGR. LARRY THORNBURGH
			DESIGNED BY: PAUL PITMAN
			DRAWN BY: PAUL PITMAN
			SCALE: AS SHOWN
			JOB NO. 109-221.1

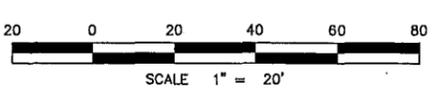
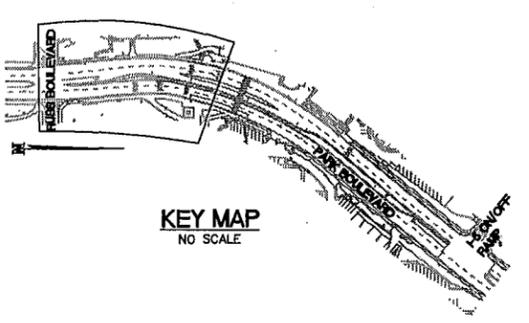


SPECIFICATION NO. 5997

37581-2-D



- DEMOLITION NOTES:**
- ① SAWCUT EXISTING PAVEMENT.
  - ② REMOVE EXISTING AC PAVEMENT (5" AC/8" CTB) AND REMOVE ALL EXISTING IMPROVEMENTS (SIGNS, BOLLARDS, FENCING, LIGHTS, ETC.) UNLESS OTHERWISE NOTED.
  - ③ REMOVE EXISTING PCC PAVEMENT (ASSUMED DEPTH IS 13").
  - ④ REMOVE EXISTING PCC SIDEWALK, CURB AND GUTTER AND PAVEMENT AS NECESSARY.
  - ⑤ REMOVE EXISTING MEDIAN CURB.
  - ⑥ REMOVE EXISTING BOLLARD.
  - ⑦ REMOVE EXISTING HANDRAIL.
  - ⑧ REMOVE EXISTING STREET LIGHT.
  - ⑨ PROTECT AND ADJUST EXISTING WATER GATE VALVE TO GRADE.



**WARNING**  
  
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**CITY OF SAN DIEGO**  
**PUBLIC WORKS PROJECT**



**NASLAND ENGINEERING**  
 CIVIL ENGINEERING • SURVEYING • LAND PLANNING  
 4740 Hultner Street, San Diego, California, 92111 • 606-292-7770

REVISION	DATE	BY	PROJECT
100% SUBMITTAL	8-4-14	N.E.	ENGR. LARRY THORNBURGH
			DESIGNED BY: PAUL PITMAN
			DRAWN BY: PAUL PITMAN
			SCALE: AS SHOWN
			JOB NO. 109-221.1

SPECIFICATION NO. 5997



DEMOLITION PLANS FOR  
**PARK BOULEVARD MEDIAN IMPROVEMENTS**

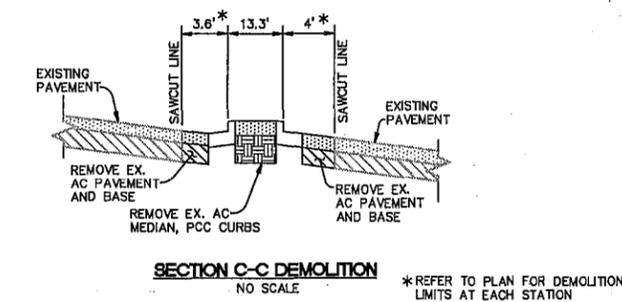
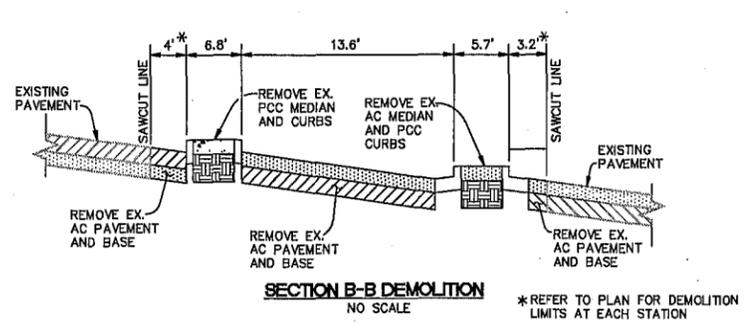
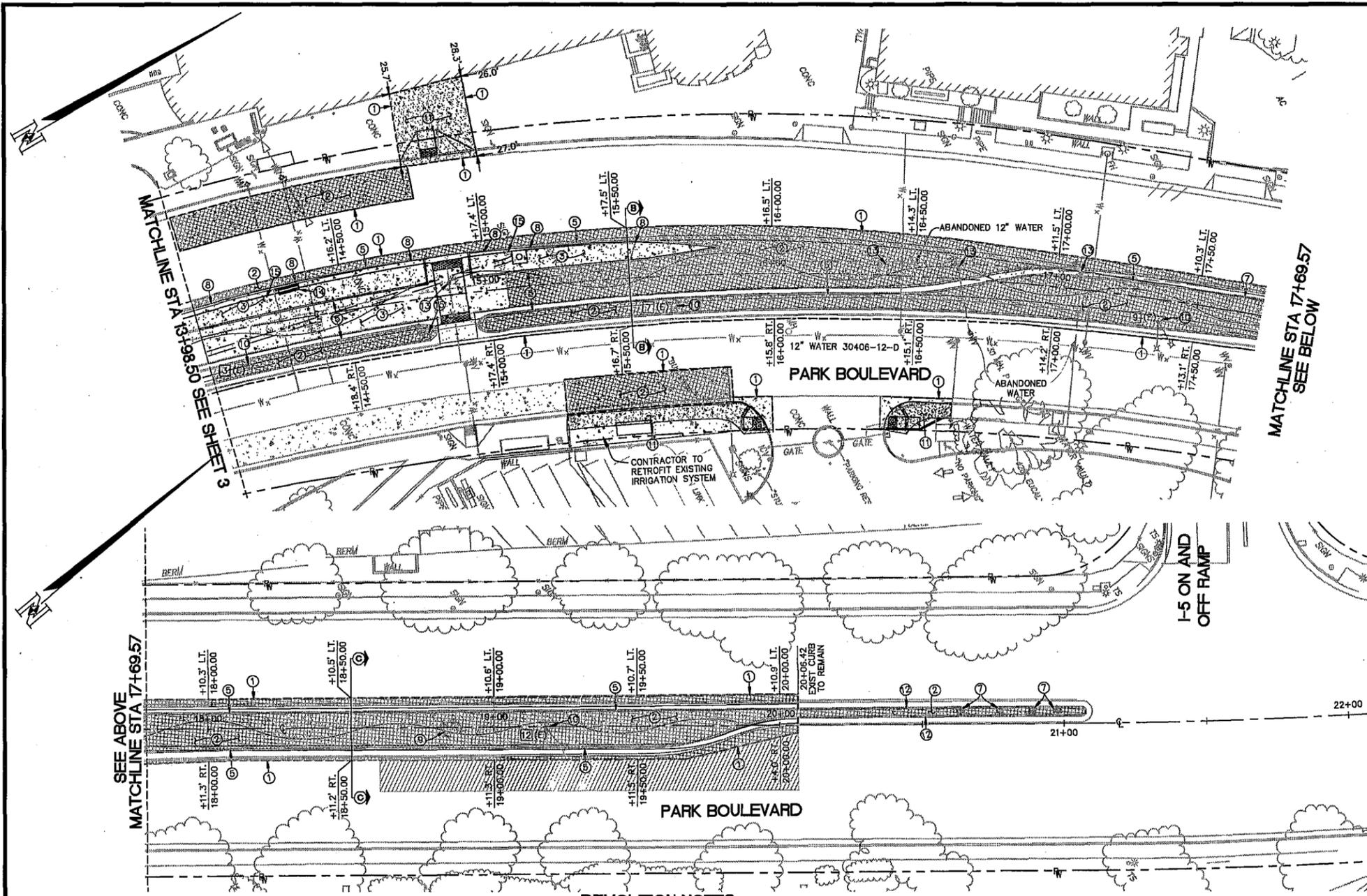
CITY OF SAN DIEGO, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT  
 SHEET 3 OF 10 SHEETS  
 WBS# 24001289

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	N.E.			
AS-BUILTS				
CONTRACTOR INSPECTOR			DATE STARTED	DATE COMPLETED

G. SORENSON  
 PROJECT MANAGER  
 D. LI  
 PROJECT ENGINEER  
 202-1721  
 CCS27 COORDINATES  
 1843-6284  
 CCS83 COORDINATES  
**37581-3-D**

D-1

PARK BOULEVARD MEDIAN IMPROVEMENTS - 6-04-14



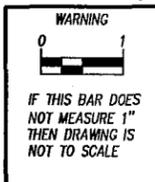
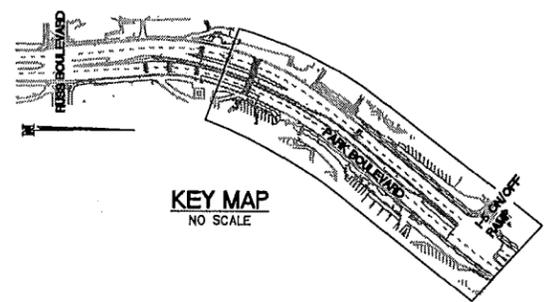
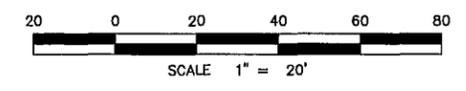
MATCHLINE STA 13+198.50 SEE SHEET 3

MATCHLINE STA 17+69.57  
SEE BELOW

SEE ABOVE  
MATCHLINE STA 17+69.57

**DEMOLITION NOTES:**

- ① SAWCUT EXISTING PAVEMENT.
- ② REMOVE EXISTING AC PAVEMENT (5\"/>



CITY OF SAN DIEGO  
PUBLIC WORKS PROJECT



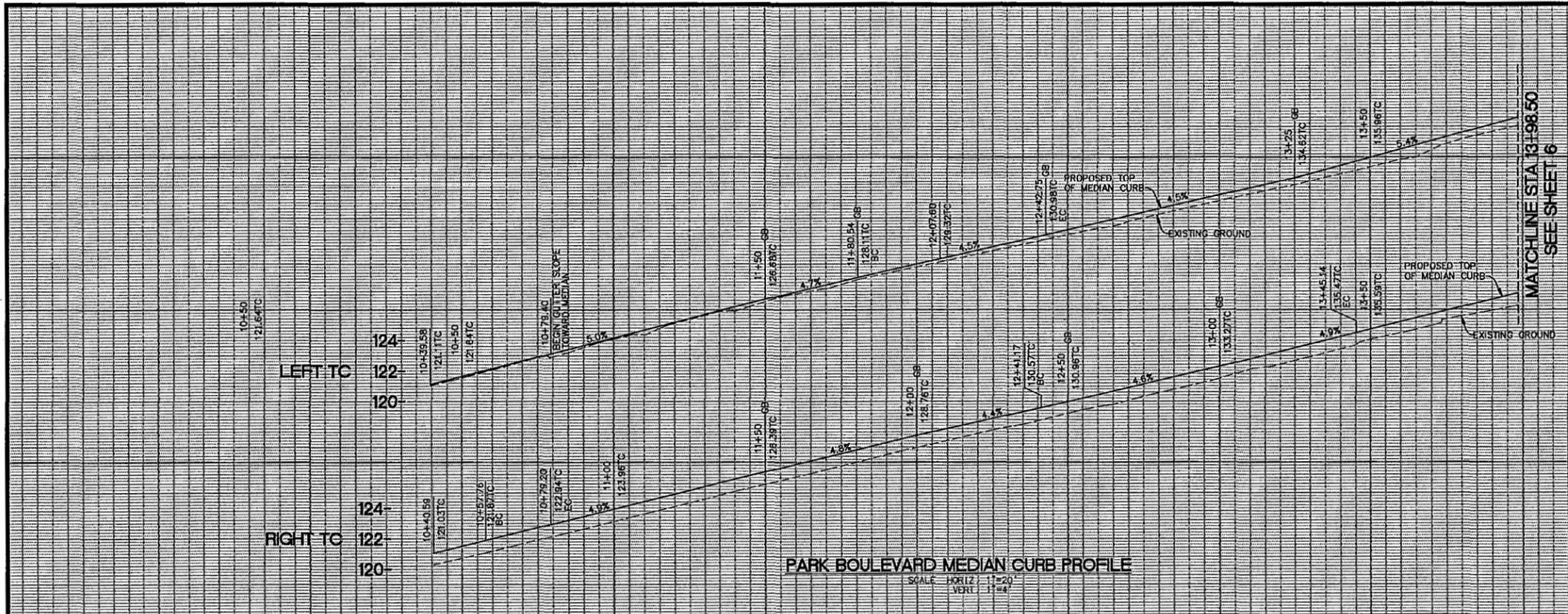
**NASLAND ENGINEERING**  
CIVIL ENGINEERING • SURVEYING • LAND PLANNING  
4740 Ruffner Street, San Diego, California, 92111 • 858-292-7770

REVISION	DATE	BY	PROJECT
100% SUBMITTAL	6-4-14	N.E.	ENGR. LARRY THORNBURGH
			DESIGNED BY: PAUL PITMAN
			DRAWN BY: PAUL PITMAN
			SCALE: AS SHOWN
			JOB NO. 109-221.1

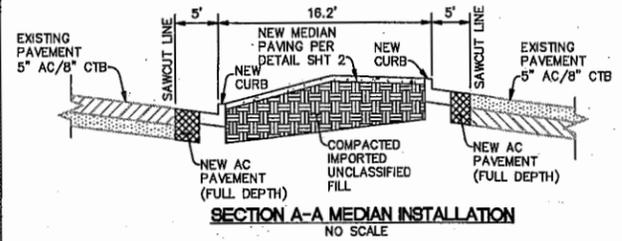


DEMOLITION PLANS FOR  
**PARK BOULEVARD MEDIAN IMPROVEMENTS**

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 4 OF 10 SHEETS				WBS# 24001299
APPROVED:	FOR CITY ENGINEER	DATE	G. SORENSON PROJECT MANAGER	
	BRAD JOHNSON PRINT NAME		D. LI PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	N.E.			
AS-BUILTS				
CONTRACTOR		DATE STARTED	1943-6284 CCS83 COORDINATES	
INSPECTOR		DATE COMPLETED	37581-4-D	



141  
139 LEFT TC  
137  
141  
139 RIGHT TC  
137



- CONSTRUCTION NOTES:**
- CONSTRUCT TYPE B-2 MEDIAN CURB PER RSD SDG-154.
  - SAWCUT REMOVE AND REPLACE EXISTING PAVEMENT.
  - INSTALL MEDIAN PAVING PER RSD SDG-112, (SCHOFIELD FRENCH GREY WITH BROOM FINISH). SEE SHEET 2 FOR DETAIL.
  - INSTALL AC PAVEMENT PER RSD SCHEDULE "J" SDG-113.
  - INSTALL STANDARD STREET LIGHT PER RSD SDE-101. SEE STREET SECTION SHEET 2 FOR LOCATION.
  - PROTECT EXISTING CURB/GUTTER IN PLACE.
  - INSTALL MEDIAN PAVING PER RSD SDG-112, (SEEDED AGGREGATE). SEE SHEET 2 FOR DETAIL.
  - INSTALL 2" ELECTRICAL CONDUIT FOR METERED TRAFFIC SIGNAL
  - EXISTING BUS PAD TO REMAIN IN PLACE.
  - INSTALL 2" ELECTRICAL CONDUIT WITH WIRING FOR UNMETERED LIGHTING.
  - INSTALL A 10' TRANSITION MEDIAN CURB/GUTTER TO INLET.
  - SDG&E SERVICE POINT TRENCHING AND PULLBOX INSTALLATION PER SDG&E WORK ORDER. ADJUST EXISTING GATE VALVE TO GRADE.
  - MINIMUM 1" AC GRIND AND OVERLAY.
  - SLURRY SEAL PROJECT LIMITS. ADDITIVE ALTERNATE FOR COLD MILLING EDGES PER RSD SDG-106 AND 1 1/2" AC OVERLAY.

**CENTERLINE DATA**

LINE TABLE		
LINE	LENGTH	BEARING
CLL1	237.96	N04°27'16"W

CLL1 BEGINS AT STATION 10+00.00

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
*CLC1	190.36	431.75	25°15'44"

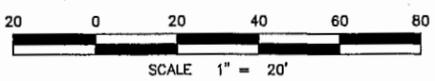
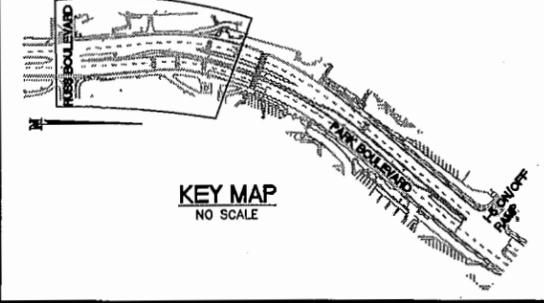
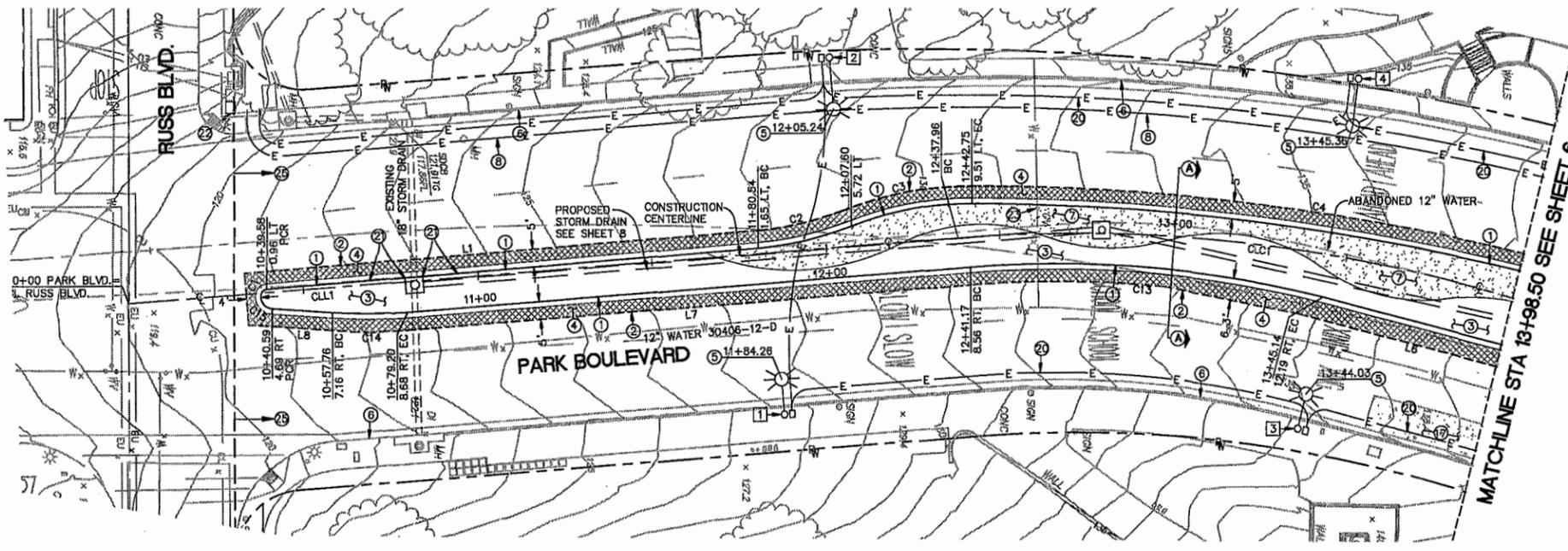
\*INDICATES THAT LINE OR CURVE RUNS THROUGH THE MATCHLINE.

**MEDIAN CURB DATA**

LINE TABLE		
LINE	LENGTH	BEARING
L1	140.96	N04°43'59"W
*L6	53.46	N14°58'15"E
L7	161.90	N04°29'41"W
L8	17.34	N03°43'27"E

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	3.13	2.00	89°45'42"
C2	27.37	95.00	16°33'49"
C3	35.66	95.00	21°30'22"
*C4	240.70	664.00	20°46'11"
C13	101.68	310.00	18°47'35"
C14	21.52	150.00	8°13'07"
C15	5.00	3.50	81°46'53"

\*INDICATES THAT LINE OR CURVE RUNS THROUGH THE MATCHLINE.



**WARNING**

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

CITY OF SAN DIEGO  
PUBLIC WORKS PROJECT



**NASLAND ENGINEERING**  
CIVIL ENGINEERING • SURVEYING • LAND PLANNING  
4740 Bulfinch Street, San Diego, California, 92111 • 619-292-7770

REVISION	DATE	BY	PROJECT ENGR: LARRY THORNBURGH
100% SUBMITTAL	6-4-14	N.E.	DESIGNED BY: PAUL PITMAN DRAWN BY: PAUL PITMAN SCALE: AS SHOWN JOB NO. 108-221.1

SPECIFICATION NO. 5997

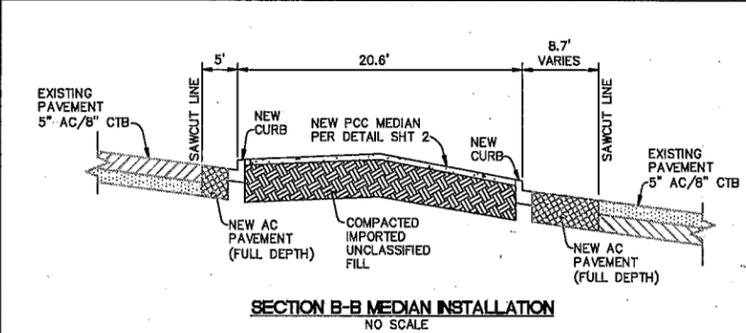
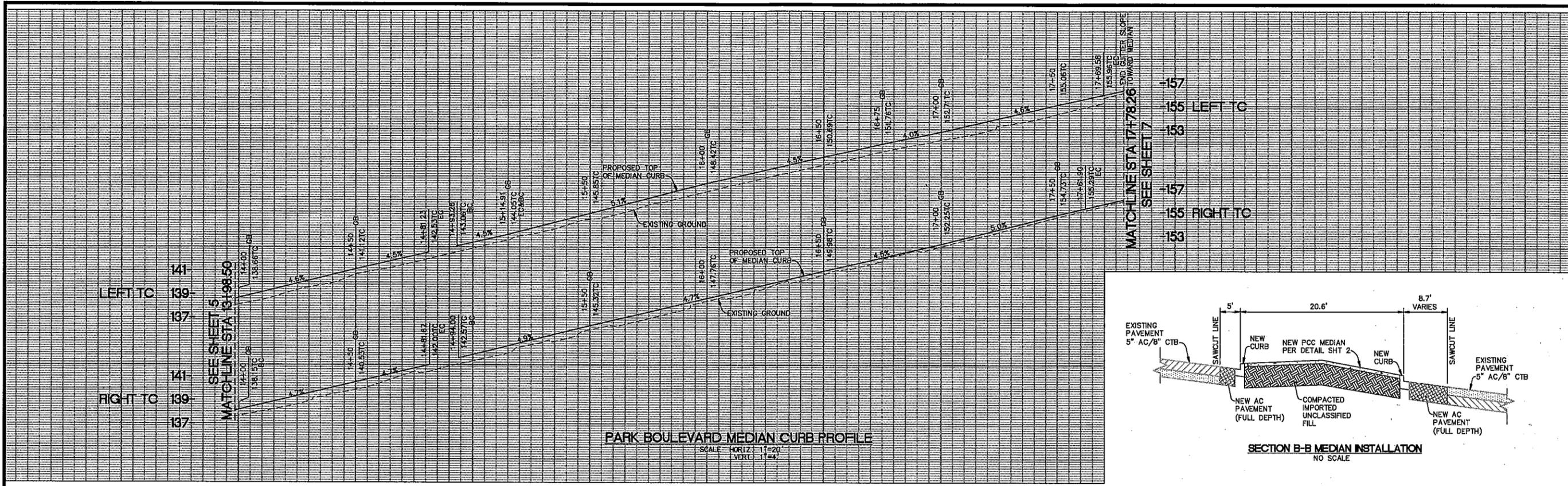


IMPROVEMENT PLANS FOR  
**PARK BOULEVARD MEDIAN IMPROVEMENTS**

CITY OF SAN DIEGO, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
SHEET 5 OF 10 SHEETS

APPROVED:	DATE	WBS# 24001299
FOR CITY ENGINEER BRAD JOHNSON PRINT NAME		G. SORENSON PROJECT MANAGER
DESCRIPTION	BY	APPROVED
ORIGINAL	N.E.	
DATE		FILED
AS-BUILTS		
CONTRACTOR	DATE STARTED	
INSPECTOR	DATE COMPLETED	

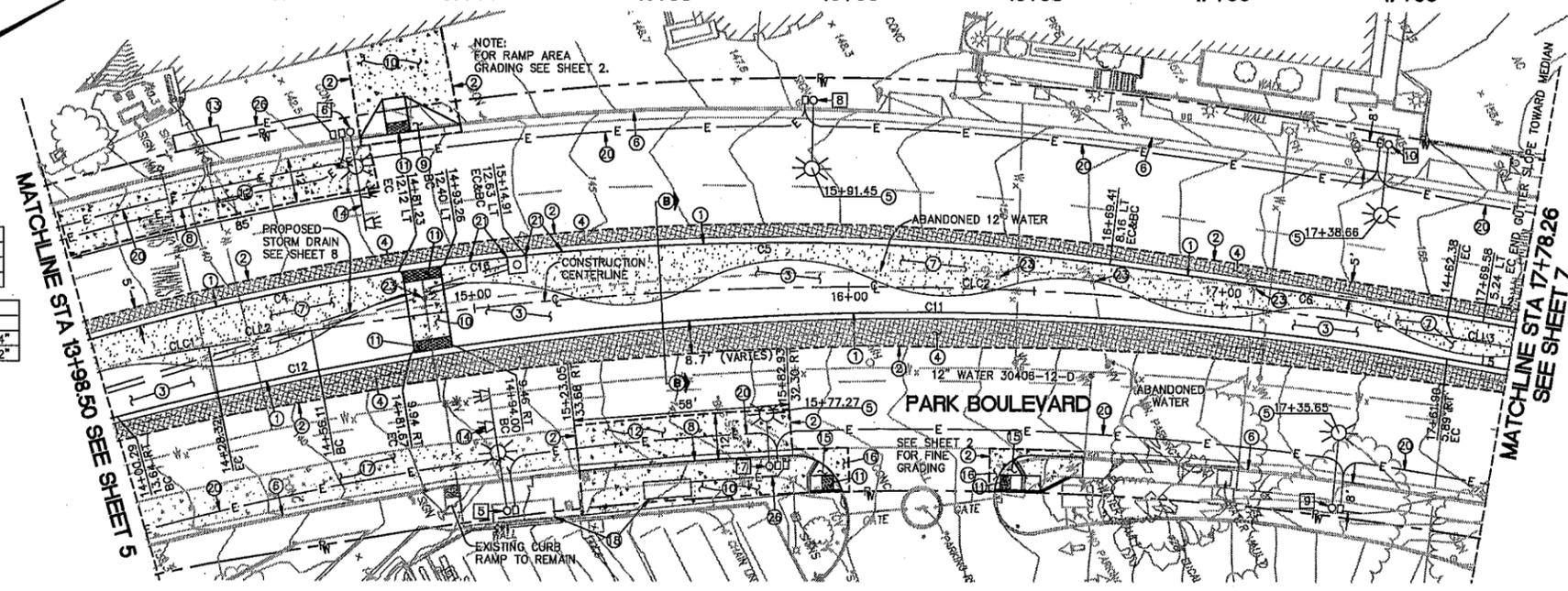
37581-5-D



LEFT TC  
141  
139  
137  
RIGHT TC  
141  
139  
137

157  
155 LEFT TC  
153  
157  
155 RIGHT TC  
153

14+50 15+00 15+50 16+00 16+50 17+00 17+50



**CENTERLINE DATA**

LINE	LENGTH	BEARING
*CL1	190.36	N20°48'25"E
*CL2	27.79	N39°38'07"E
*CL3	347.09	N39°38'07"E

**CURVE TABLE**

CURVE	LENGTH	RADIUS	DELTA
*C1	190.36	431.75	25°19'44"
*C2	27.79	932.00	18°49'42"

\*INDICATES THAT LINE OR CURVE RUNS THROUGH THE MATCHLINE.

**CONSTRUCTION NOTES:**

- CONSTRUCT TYPE B-2 MEDIAN CURB PER RSD SD6-154.
- SAWCUT REMOVE AND REPLACE EXISTING PAVEMENT.
- INSTALL MEDIAN PAVING PER RSD SD6-112, (SCHOFIELD FRENCH GREY WITH BROOM FINISH). SEE SHEET 2 FOR DETAIL.
- INSTALL AC PAVEMENT PER RSD SCHEDULE "J" SD6-113.
- INSTALL STANDARD STREET LIGHT PER RSD SDC-101. SEE STREET SECTION SHEET 2 FOR LOCATION.
- PROTECT EXISTING CURB/GUTTER IN PLACE.
- INSTALL MEDIAN PAVING PER RSD SD6-112, (SEEDED AGGREGATE). SEE SHEET 2 FOR DETAIL.
- INSTALL 2" ELECTRICAL CONDUIT FOR METERED TRAFFIC SIGNAL.
- CONSTRUCT PCC PED RAMP TYPE B PER RSD SD6-132.
- INSTALL PCC SIDEWALK PER RSD SD6-155.
- INSTALL STAINLESS STEEL TRUNCATED DOMES PER RSD SD6-130.
- INSTALL PCC BUS PAD PER RSD SD6-102.
- CONTRACTOR TO COORDINATE WITH MTS FOR THE INSTALLATION OF BUS SHELTER. (619-557-4501)
- INSTALL SIGNAL PER SIGNAL PLAN.
- CONSTRUCT PCC PED RAMP TYPE D PER RSD SD6-136.
- INSTALL PORTION OF PCC CROSS GUTTER PER RSD SD6-157.
- EXISTING BUS PAD TO REMAIN.
- RELOCATE EXISTING BUS SHELTER.
- INSTALL 2" ELECTRICAL CONDUIT WITH WIRING FOR UNMETERED LIGHTING.
- INSTALL A 10' TRANSITION FROM MEDIAN CURB/GUTTER TO INLET.
- ADJUST EXISTING GATE VALVE TO GRADE.
- INSTALL 1" CONDUIT AND PULLBOX FOR MTS SHELTER.

**MEDIAN CURB DATA**

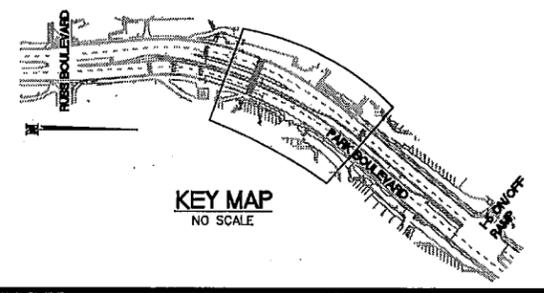
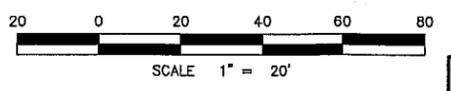
LINE TABLE		
LINE	LENGTH	BEARING
*L2	186.86	N39°36'39"E
*L5	198.05	N39°48'29"E

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
*C4	240.70	664.00	20°46'11"
*C5	156.47	664.00	13°39'05"
*C6	100.85	2678.96	2°08'25"
*C11	264.45	827.00	18°19'18"
*C12	78.86	947.00	3°27'48"
*C16	10.22	664.00	1°45'46"

\*INDICATES THAT LINE OR CURVE RUNS THROUGH THE MATCHLINE.

C-2

**NOTES:**  
1. FOR TRAFFIC SIGNAL INFORMATION SEE THE TRAFFIC SIGNAL PLAN.



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

CITY OF SAN DIEGO  
PUBLIC WORKS PROJECT



**NASLAND ENGINEERING**  
CIVIL ENGINEERING • SURVEYING • LAND PLANNING  
4740 Rutner Street, San Diego, California, 92111 • 668-292-7770

REVISION	DATE	BY	PROJECT ENGR.
100% SUBMITTAL	6-4-14	N.E.	LARRY THORNBURGH

DESIGNED BY: PAUL PITMAN  
DRAWN BY: PAUL PITMAN  
SCALE: AS SHOWN  
JOB NO. 109-221.1

SPECIFICATION NO. 5997

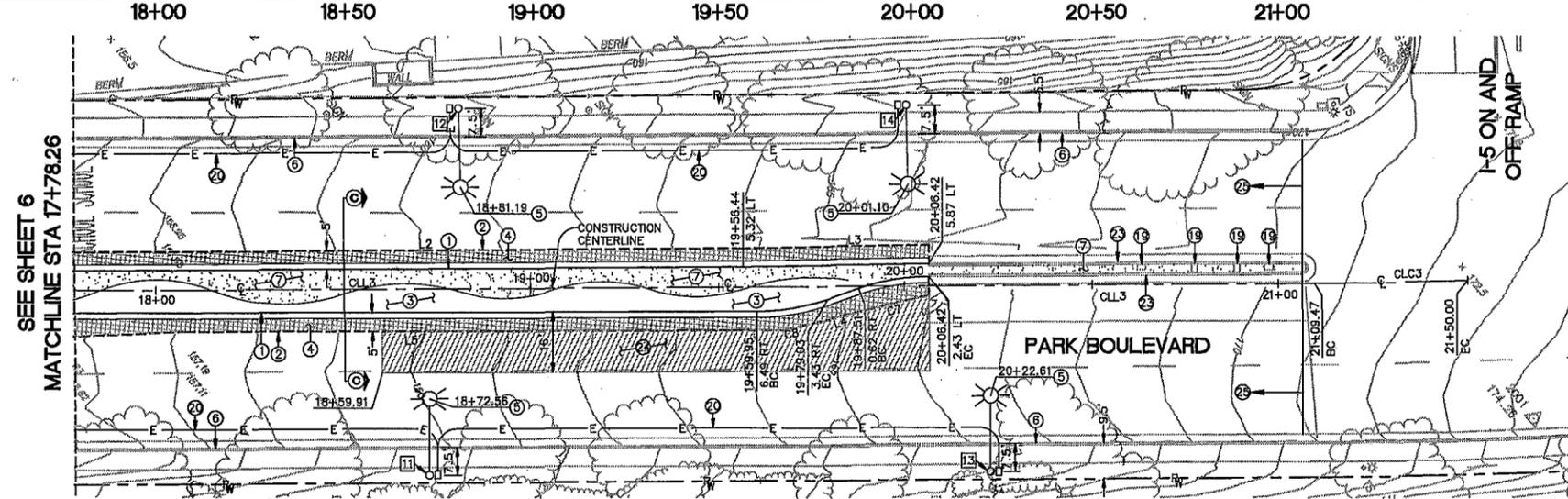
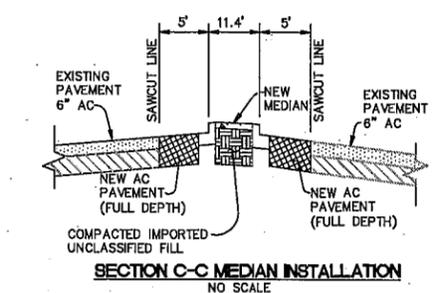
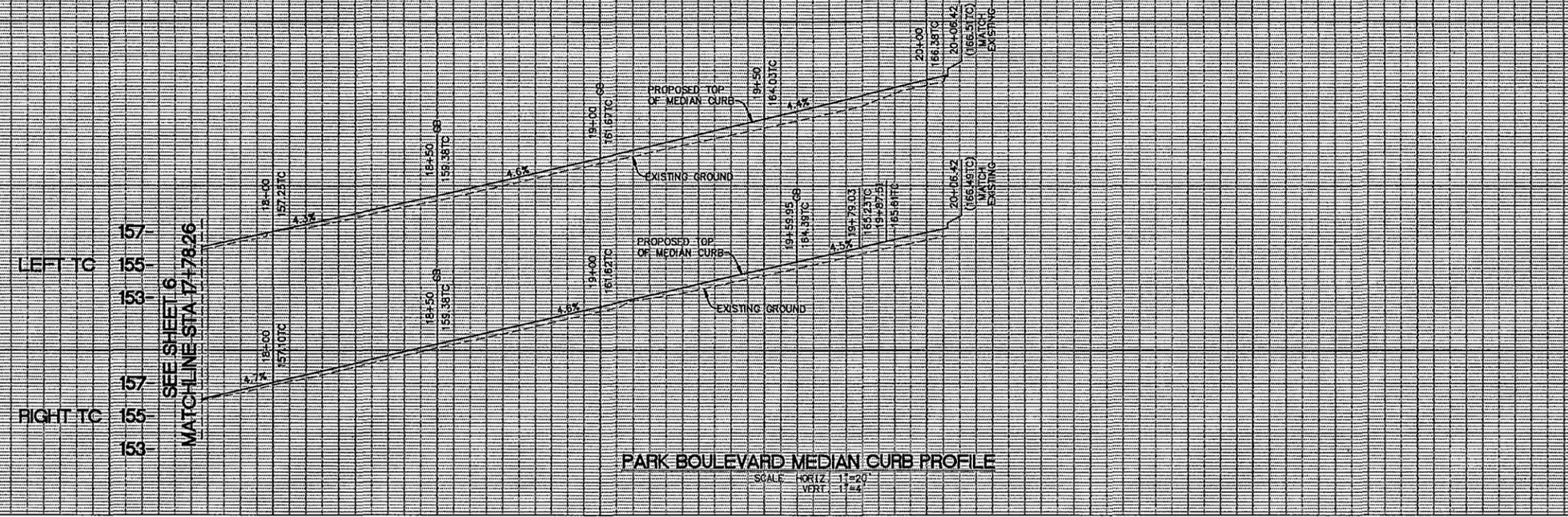


IMPROVEMENT PLANS FOR  
**PARK BOULEVARD MEDIAN IMPROVEMENTS**

CITY OF SAN DIEGO, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
SHEET 6 OF 10 SHEETS

APPROVED:	DATE	WBS/	24001299
FOR CITY ENGINEER		G. SORENSON	PROJECT MANAGER
BRAD JOHNSON		D. H.	PROJECT ENGINEER
PRINT NAME		202-1721	
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	N.E.		
AS-BUILTS			
CONTRACTOR	DATE STARTED		
INSPECTOR	DATE COMPLETED		

37581-6-D



- CONSTRUCTION NOTES:**
- CONSTRUCT TYPE B-2 MEDIAN CURB PER RSD SD9-154.
  - SAWCUT REMOVE AND REPLACE EXISTING PAVEMENT.
  - INSTALL MEDIAN PAVING PER RSD SD9-112, (SCHOFIELD FRENCH GREY WITH BROOM FINISH). SEE SHEET 2 FOR DETAIL.
  - INSTALL AC PAVEMENT PER RSD SCHEDULE "J" SD6-113.
  - INSTALL STANDARD STREET LIGHT PER RSD SDE-101. SEE STREET SECTION SHEET 2 FOR LOCATION.
  - PROTECT EXISTING CURB/BUTTER IN PLACE.
  - INSTALL MEDIAN PAVING PER RSD SD9-112, (SEEDED AGGREGATE). SEE SHEET 2 FOR DETAIL.
  - EXISTING UTILITY BOX TO BE ADJUSTED TO GRADE.
  - INSTALL 2" ELECTRICAL CONDUIT WITH WIRING FOR UNMETERED LIGHTING.
  - EXISTING CURB TO BE PROTECTED IN PLACE.
  - MINIMUM 1 1/2" AC GRIND AND OVERLAY.
  - SLURRY SEAL PROJECT LIMITS. ADDITIVE ALTERNATE FOR COLD MILLING EDGES PER RSD SD6-106 AND 1 1/2" AC OVERLAY

**CENTERLINE DATA**

LINE TABLE		
LINE	LENGTH	BEARING
*CLL3	347.09	N39°38'07"E

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
CLC3	40.53	1899.50	1°13'21"

\* INDICATES THAT THE LINE OR CURVE RUNS THROUGH THE MATCHLINE

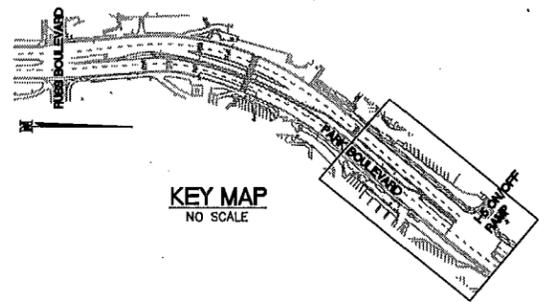
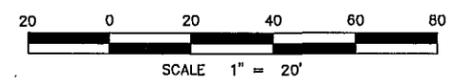
**MEDIAN CURB DATA**

LINE TABLE		
LINE	LENGTH	BEARING
*L2	186.86	N39°36'39"E
L3	50.03	N39°00'45"E
L4	8.93	N21°16'36"E
*L5	198.05	N39°48'29"E

\* INDICATES THAT THE LINE OR CURVE RUNS THROUGH THE MATCHLINE

**MEDIAN CURB DATA**

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C7	19.25	60.00	18°22'42"
CB	19.41	60.00	18°31'52"



**WARNING**

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CITY OF SAN DIEGO  
PUBLIC WORKS PROJECT



**NASLAND ENGINEERING**  
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4740 Buftner Street, San Diego, California, 92111 • 656-292-7770

REVISION	DATE	BY
100% SUBMITTAL	6-4-14	N.E.

PROJECT ENGR. LARRY THORNBURGH  
DESIGNED BY: PAUL PITMAN  
DRAWN BY: PAUL PITMAN  
SCALE: AS SHOWN  
JOB NO. 109-221.1



**IMPROVEMENT PLANS FOR:**  
**PARK BOULEVARD MEDIAN IMPROVEMENTS**

CITY OF SAN DIEGO, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
SHEET 7 OF 10 SHEETS

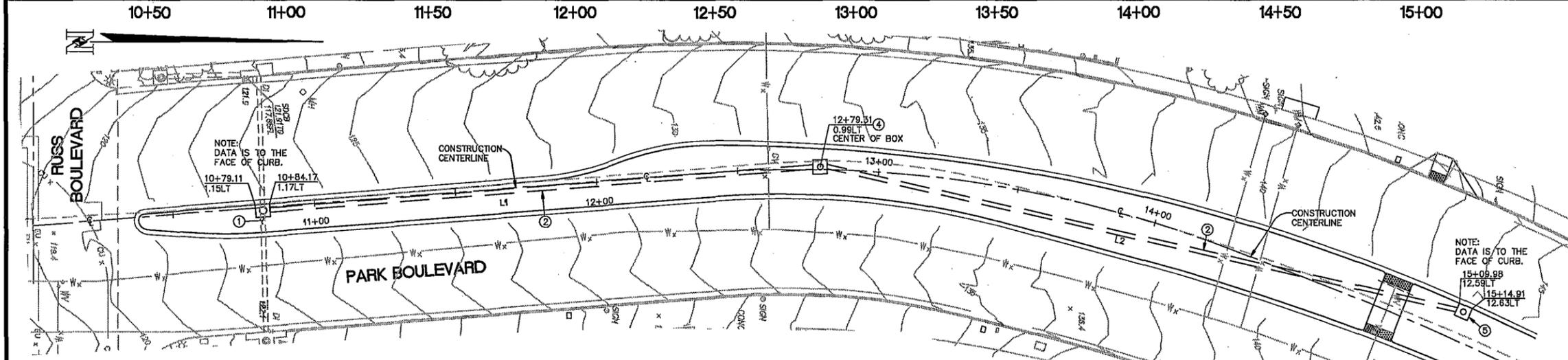
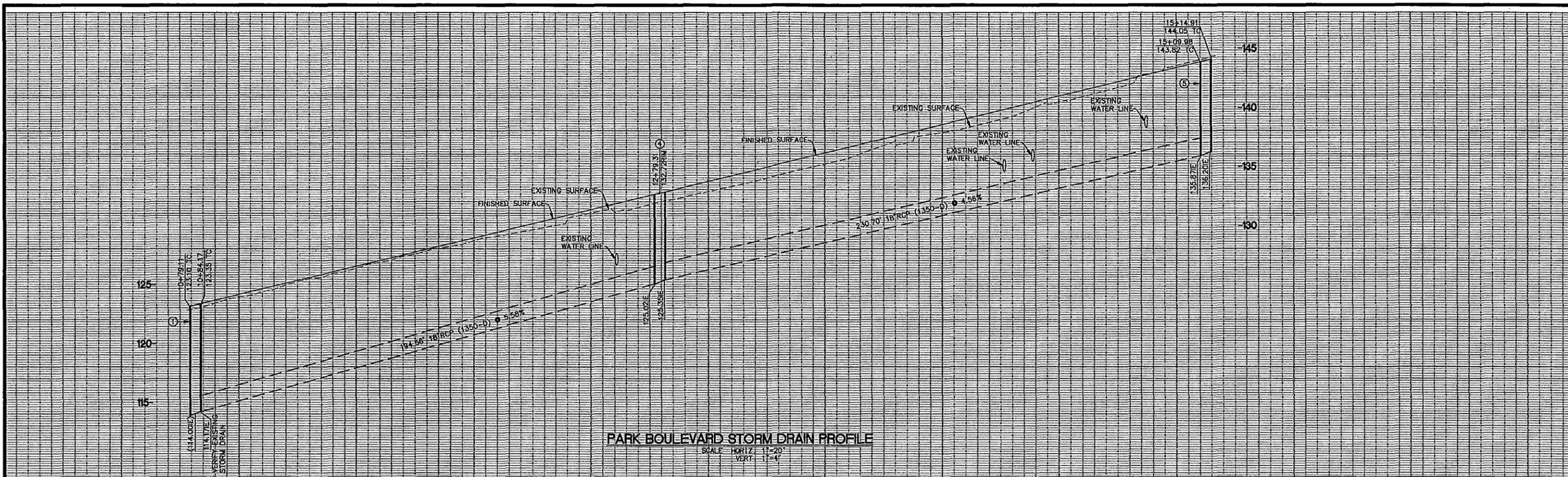
WBS# 24001289

APPROVED:	DATE	PROJECT MANAGER
FOR CITY ENGINEER BRAD JOHNSON PRINT NAME		G. SORENSON
BY	APPROVED	DATE
ORIGINAL N.E.		
AS-BUILTS		
CONTRACTOR	DATE STARTED	
INSPECTOR	DATE COMPLETED	

PROJECT ENGINEER: D. J. [Name]  
202-1721  
CCS27 COORDINATES  
1843-6284  
CCS83 COORDINATES

**37581-7-D**

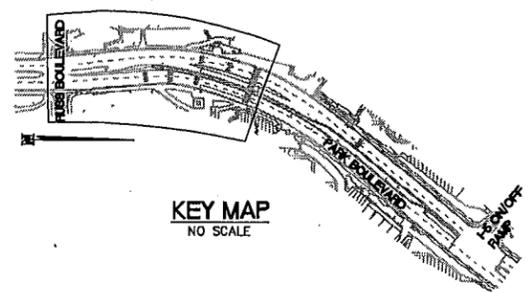
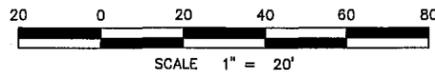
C-3



**STORM DRAIN DATA TABLE**

LINE TABLE			
LINE	LENGTH	BEARING	TYPE
L1	194.66	N 04°31'19" W	18" RCP (1350-D)
L2	230.70	N 12°38'30" E	18" RCP (1350-D)

- CONSTRUCTION NOTES:**
- ① INSTALL 5" TYPE J MEDIAN CURB INLET PER RSD SDD-118 ON EXISTING 18" STORM DRAIN. PROVIDE CONNECTIONS AT BOTH ENDS.
  - ② INSTALL 18" RCP (1350-D) PER SDD-110.
  - ③ NOT USED
  - ④ INSTALL TYPE 'A-4' STORM DRAIN CLEANOUT PER RSD D-9.
  - ⑤ INSTALL 5" TYPE J MEDIAN CURB INLET PER RSD SDD-118.



**WARNING**

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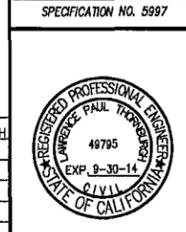
CITY OF SAN DIEGO  
PUBLIC WORKS PROJECT



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4740 Buffum Street, San Diego, California, 92111 • 619-592-7770

REVISION	DATE	BY	PROJECT ENGR.
100% SUBMITTAL	6-4-14	N.E.	LARRY THORNBURGH

DESIGNED BY: PAUL PITMAN  
DRAWN BY: PAUL PITMAN  
SCALE: AS SHOWN  
JOB NO. 109-221.1



**STORM DRAIN PLAN FOR:**  
**PARK BOULEVARD MEDIAN IMPROVEMENTS**

CITY OF SAN DIEGO, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
SHEET 8 OF 10 SHEETS

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
FOR CITY ENGINEER  
BRAD JOHNSON  
PRINT NAME

DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	N.E.			

AS-BUILTS

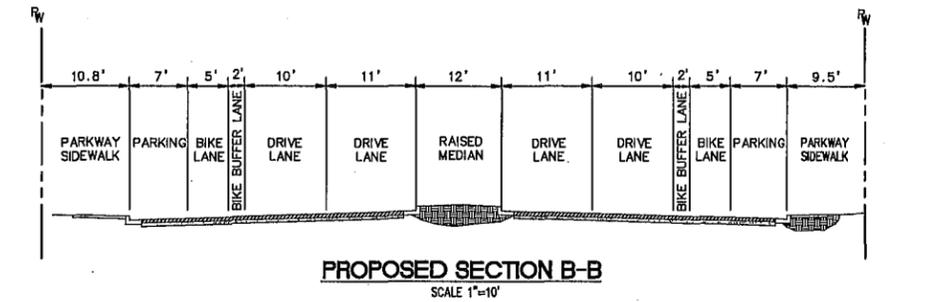
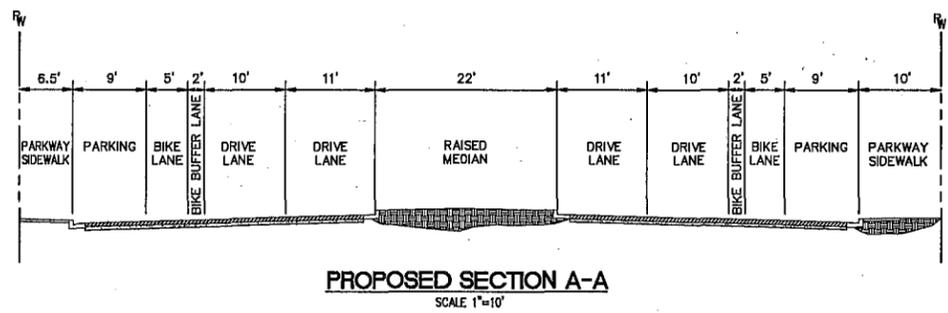
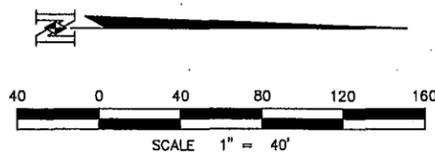
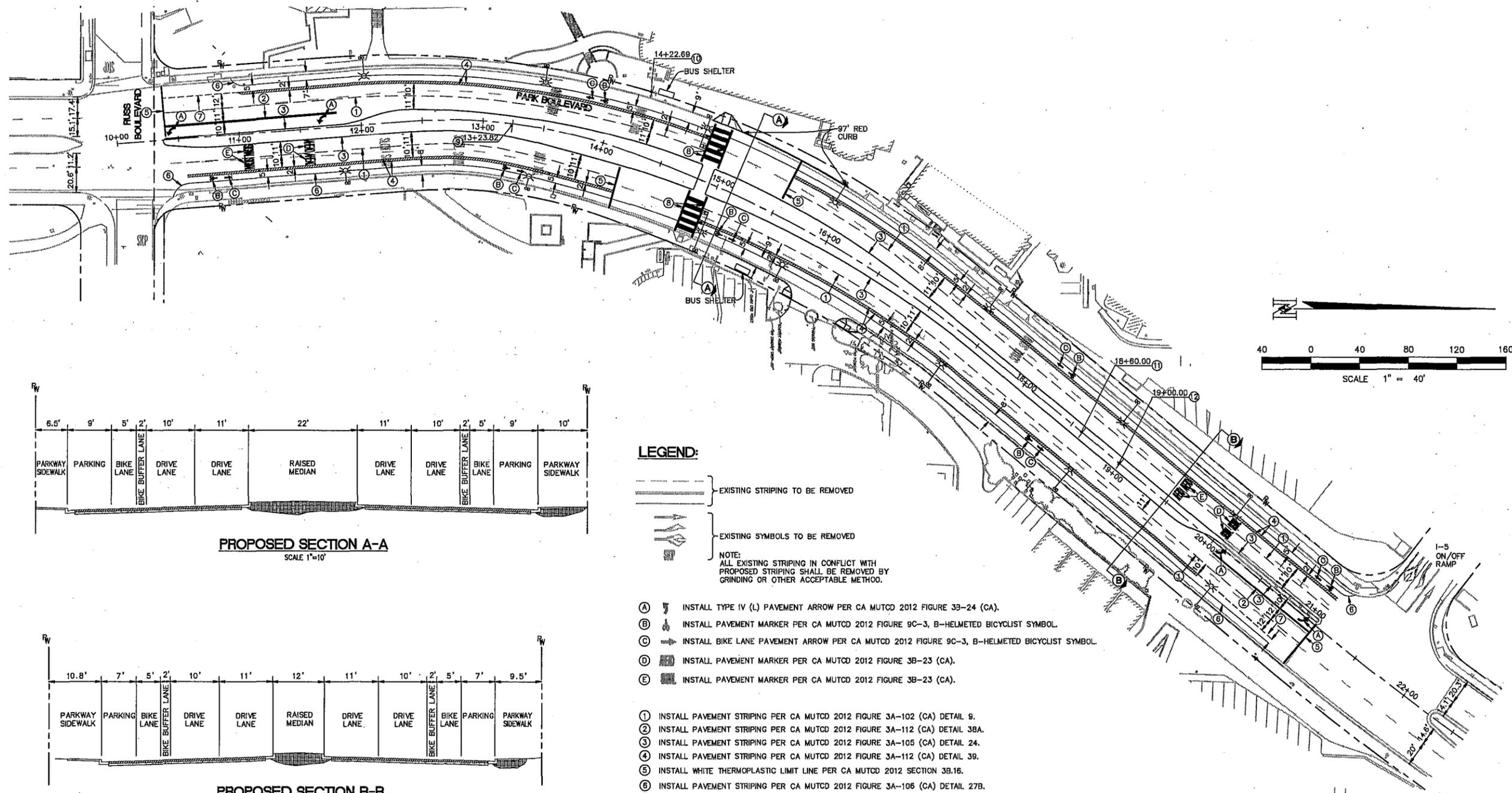
CONTRACTOR: \_\_\_\_\_ DATE STARTED: \_\_\_\_\_  
INSPECTOR: \_\_\_\_\_ DATE COMPLETED: \_\_\_\_\_

G. SORENSON  
PROJECT MANAGER  
D. LI  
PROJECT ENGINEER  
202-1721  
CCS27 COORDINATES  
1843-6284  
CCS83 COORDINATES

WBS# 24001209

**37581-8-D**

C-4



**LEGEND:**

- EXISTING STRIPING TO BE REMOVED
- EXISTING SYMBOLS TO BE REMOVED

NOTE: ALL EXISTING STRIPING IN CONFLICT WITH PROPOSED STRIPING SHALL BE REMOVED BY GRINDING OR OTHER ACCEPTABLE METHOD.

- (A) INSTALL TYPE IV (L) PAVEMENT ARROW PER CA MUTCD 2012 FIGURE 3B-24 (CA).
- (B) INSTALL PAVEMENT MARKER PER CA MUTCD 2012 FIGURE 9C-3, B-HELMETED BICYCLIST SYMBOL.
- (C) INSTALL BIKE LANE PAVEMENT ARROW PER CA MUTCD 2012 FIGURE 9C-3, B-HELMETED BICYCLIST SYMBOL.
- (D) INSTALL PAVEMENT MARKER PER CA MUTCD 2012 FIGURE 3B-23 (CA).
- (E) INSTALL PAVEMENT MARKER PER CA MUTCD 2012 FIGURE 3B-23 (CA).
- (1) INSTALL PAVEMENT STRIPING PER CA MUTCD 2012 FIGURE 3A-102 (CA) DETAIL 9.
- (2) INSTALL PAVEMENT STRIPING PER CA MUTCD 2012 FIGURE 3A-112 (CA) DETAIL 38A.
- (3) INSTALL PAVEMENT STRIPING PER CA MUTCD 2012 FIGURE 3A-105 (CA) DETAIL 24.
- (4) INSTALL PAVEMENT STRIPING PER CA MUTCD 2012 FIGURE 3A-112 (CA) DETAIL 39.
- (5) INSTALL WHITE THERMOPLASTIC LIMIT LINE PER CA MUTCD 2012 SECTION 3B.16.
- (6) INSTALL PAVEMENT STRIPING PER CA MUTCD 2012 FIGURE 3A-106 (CA) DETAIL 27B.
- (7) INSTALL PAVEMENT STRIPING PER CA MUTCD 2012 FIGURE 3A-112 (CA) DETAIL 39A.
- (8) INSTALL YELLOW THERMOPLASTIC CROSSWALK LINE WITH 3 FEET TYPICAL HATCHING PER CA MUTCD 2012 SECTION 3B.16.
- (9) RE-INSTALL INTERSECTION SIGN
- (10) RE-INSTALL BUS STOP SIGN AND BENCH, CONTRACTOR TO COORDINATE WITH MTS.
- (11) RE-INSTALL SCHOOL CROSSING SIGN
- (12) RE-INSTALL 5 SOUTH DIRECTIONAL SIGN.

S-1

STRIPING PLAN FOR  
**PARK BOULEVARD MEDIAN IMPROVEMENTS**

CITY OF SAN DIEGO, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
SHEET 9 OF 10 SHEETS

APPROVED:	DATE	G. SORENSON PROJECT MANAGER
FOR CITY ENGINEER	DATE	D. LI PROJECT ENGINEER
BRAD JOHNSON PRINT NAME		202-1721 CCS27 COORDINATES
DESCRIPTION	BY	APPROVED
ORIGINAL	N.E.	
AS-BUILTS		
CONTRACTOR	DATE STARTED	1843-6284 CCS83 COORDINATES
INSPECTOR	DATE COMPLETED	37581-9-D

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

CITY OF SAN DIEGO  
PUBLIC WORKS PROJECT



**NASLAND ENGINEERING**  
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4740 Ruffner Street, San Diego, California, 92111 • 619-892-7770

REVISION	DATE	BY	PROJECT
100% SUBMITTAL	6-4-14	N.E.	ENGR. LARRY THORNBURGH
			DESIGNED BY: PAUL PITMAN
			DRAWN BY: PAUL PITMAN
			SCALE: AS SHOWN
			JOB NO. 109-221.1

SPECIFICATION NO. 5987



EQUIPMENT SCHEDULE														
LOC.	STANDARD			LUMINAIRE INDUCTION	PLACEMENT DIMENSIONS		SIGNAL MOUNTING AND PLACEMENT					REMARKS		
	TYPE	MASTARM			A	B	VEHICLE			PEDESTRIAN				
		HT.	SIG.				LUM.	POLE	MASTARM	SIGNAL	PPB		LOC.	
A	26-3-100	30'	40'	15'	165W	SEE PLAN	-	MAS #2	SP-1-T #4P	#4P	7	ALL NEW EQUIPMENT	4 5	
B	PPB POST	3.5'	-	-	-	SEE PLAN	-	-	-	#4P	3	ALL NEW EQUIPMENT	4	
C	PPB POST	3.5'	-	-	-	SEE PLAN	-	-	-	#4P	7	ALL NEW EQUIPMENT	4	
D	24-3-100	30'	35'	15'	165W	SEE PLAN	SV-1-T #2(17')	SV-1-T #6	MAS #6	SP-1-T #4P	#4P	3	ALL NEW EQUIPMENT	3 4 5

DETECTOR ASSIGNMENTS				
DETECTOR NUMBER	PHASE	SLOT NUMBER	FIELD TERMINALS	
1	#2	I2U	T2-5 & 6	
2	#2	I2L	T2-7 & 8	
3	#2	I3U	T2-9 & 10	
4	#6	J2U	T3-5 & 6	
5	#6	J2L	T3-7 & 8	
6	#6	J3U	T3-9 & 10	
4P	#4P	I12L	T8-5 & COM6	
EMER A	#2	J12U	T9-4 & COM6	
EMER C	#6	J12L	T9-5 & COM6	
FLASH	-	I14U	T8-10 & COM12	

CONDUCTOR SCHEDULE							
AWG SIZE OR CABLE TYPE	PHASE	POLE OR CIRCUIT	CONDUIT SIZE AND RUN				
			3"	3"	3"	2-3"	2-3"
NO. 14 CABLES		POLE - (A)					
3	CONDUCTOR	POLE - (B)					
		POLE - (C)					
		POLE - (D)					
TOTAL CABLES - 3 CON / 12 CON			1	1	1	1	1
TYPE "B" DLC	#2 LOOP			3	3	3	3
	#6 LOOP			3	3	3	3
TOTAL			0	3	3	6	6
EV-DLC	#2 EMER A		1	1	1	1	1
	#6 EMER C		1	1	1	1	1
TOTAL			2	2	2	2	2
10 LIGHTING			2	2	2	2	0
8 GROUND			1	1	1	2	1
6 SERVICE			2	2	2	2	2
SIC (6PR#19)			0	0	0	1	1
CONDUIT FILL %			14	17	21	18	17
TOTAL CONDUCTORS / CABLES			9	12	14	21	18
PEDESTRIAN PUSH BUTTONS PER ADA REQUIREMENTS			NEW	NEW	NEW	NEW	NEW

**WORK TO BE DONE:**  
THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.

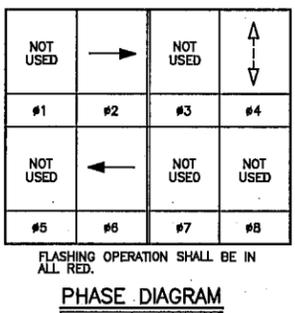
**STANDARD SPECIFICATIONS:**

DOCUMENT NO.	EDITION	DESCRIPTION
PITS070112-01	2012	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREEN" BOOK)
PITS070112-02	2012	CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "WHITE" BOOK)
PITS070112-04	2010	CALTRANS STANDARD SPECIFICATIONS
PITS070112-06	2012	CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD)

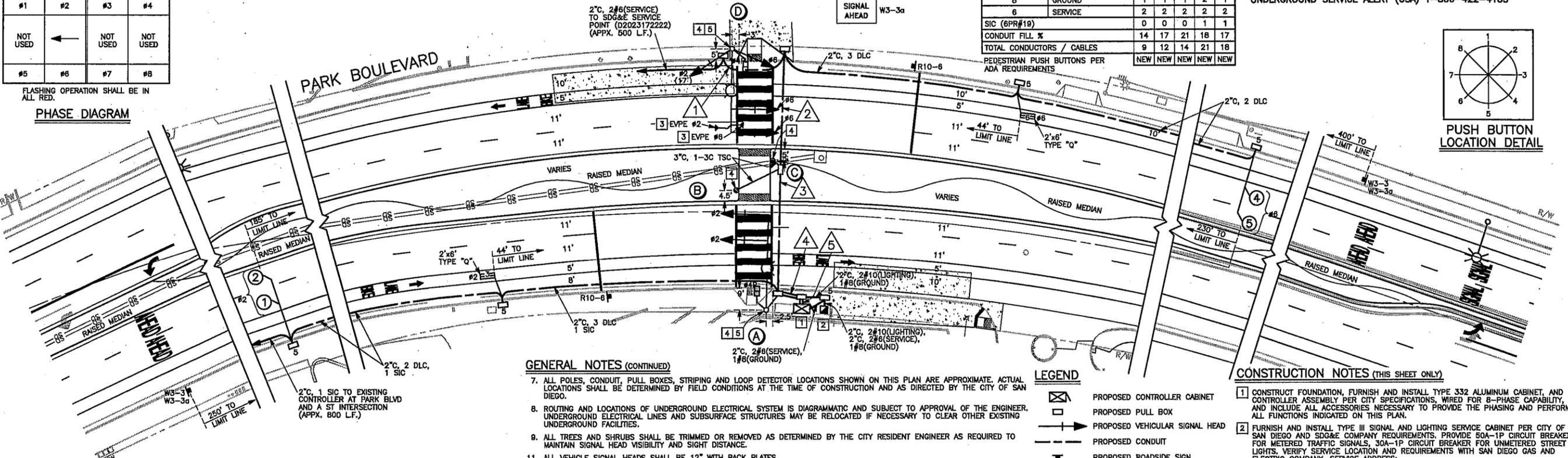
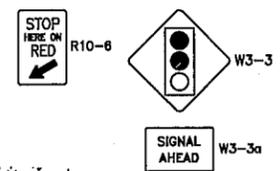
**STANDARD DRAWINGS**

DOCUMENT NO.	EDITION	DESCRIPTION
PITS070112-03	2012	CITY OF SAN DIEGO STANDARD DRAWINGS
PITS070112-05	2010	CALTRANS STANDARD PLANS

**SPECIAL NOTE:**  
CONTRACTOR MUST NOTIFY THE BELOW LISTED AGENCY AT LEAST TWO (2) WORKING DAYS PRIOR TO THE COMMENCEMENT OF EXCAVATION:  
UNDERGROUND SERVICE ALERT (USA) 1-800-422-4133



**SIGNS THIS SHEET**



- GENERAL NOTES (THIS SHEET ONLY)**
- PULL BOXES SHALL BE NO. 6, AND CONDUIT 3" UNLESS NOTED OTHERWISE.
  - LOCATION OF ALL UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE.
  - THE TRAFFIC SIGNAL CONTRACTOR SHALL OBTAIN A TRAFFIC CONTROL PLAN PERMIT FROM THE CITY OF SAN DIEGO PERMIT COUNTER CENTER A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO START OF WORK.
  - ALL TRAFFIC SIGNAL POLE FOUNDATIONS SHALL HAVE A 3" CONDUIT INSTALLED TO THE ADJACENT PULL BOX AND THE CONTROLLER FOUNDATION SHALL HAVE A SPARE 3" CONDUIT INSTALLED TO THE ADJACENT NO. 6 PULL BOX FOR FUTURE USE.
  - THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR THE LAYOUT AND INSTALLATION OF LOOP DETECTORS, TRAFFIC STRIPING, PAVEMENT MARKINGS, PARKING REMOVAL AND TRAFFIC SIGNING AS SHOWN ON THESE PLANS.
  - THE TRAFFIC SIGNAL CONTRACTOR SHALL OBTAIN THE APPROVAL OF CITY RESIDENT ENGINEER OF THE LOOP LOCATION PRIOR TO CUTTING AND THE STRIPING, PAVEMENT MARKING, PARKING REMOVAL AND SIGN LOCATIONS PRIOR TO PAINTING AND INSTALLATION.
  - AFTER APPROVAL OF LOCATION, THE TRAFFIC SIGNAL CONTRACTOR SHALL WAIT A MINIMUM OF FIFTEEN (15) WORKING DAYS BEFORE PERMANENTLY REMOVING ANY PARKING, SO THAT ADVANCE NOTICE TO ADJACENT PROPERTY OWNERS CAN BE MADE BY THE CITY.
  - THE TRAFFIC SIGNAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ALL UNNECESSARY AND CONFLICTING STRIPING AND PAVEMENT MARKINGS.
  - CONTRACTOR SHALL PROVIDE ALL CABLING AND CONDUCTORS NECESSARY TO PERFORM ALL FUNCTIONS SHOWN ON THIS PLAN.

- GENERAL NOTES (CONTINUED)**
- ALL POLES, CONDUIT, PULL BOXES, STRIPING AND LOOP DETECTOR LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE. ACTUAL LOCATIONS SHALL BE DETERMINED BY FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND AS DIRECTED BY THE CITY OF SAN DIEGO.
  - ROUTING AND LOCATIONS OF UNDERGROUND ELECTRICAL SYSTEM IS DIAGRAMMATIC AND SUBJECT TO APPROVAL OF THE ENGINEER. UNDERGROUND ELECTRICAL LINES AND SUBSURFACE STRUCTURES MAY BE RELOCATED IF NECESSARY TO CLEAR OTHER EXISTING UNDERGROUND FACILITIES.
  - ALL TREES AND SHRUBS SHALL BE TRIMMED OR REMOVED AS DETERMINED BY THE CITY RESIDENT ENGINEER AS REQUIRED TO MAINTAIN SIGNAL HEAD VISIBILITY AND SIGHT DISTANCE.
  - ALL VEHICLE SIGNAL HEADS SHALL BE 12" WITH BACK PLATES.
  - ALL VEHICLE AND PEDESTRIAN INDICATORS SHALL BE L.E.D. PEDESTRIAN INDICATORS SHALL BE SIDE BY SIDE GELCORE COUNTDOWN PER CITY OF SAN DIEGO REQUIREMENTS. ALL PEDESTRIAN PUSH BUTTONS SHALL BE POLARA EZ-COMM TWO WIRE PUSH BUTTON SYSTEM AND SHALL INCLUDE A PROGRAMMABLE "WALK" MESSAGE, VIBROTACTILE PUSH BUTTON, AND LOCATOR TONE.

**DECLARATION OF RESPONSIBLE CHARGE**

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE CITY OF SAN DIEGO IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

**ENGINEER OF WORK**

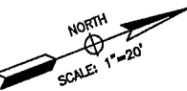
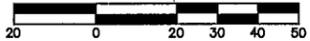
JOHN P. KEATING R.C.E. 43595 DATE

85TH PERCENTILE SPEED: PARK BOULEVARD (NORTHBOUND) = 35 MPH  
85TH PERCENTILE SPEED: PARK BOULEVARD (SOUTHBOUND) = 38 MPH

**CITY OF SAN DIEGO**  
**PUBLIC WORKS PROJECT**



**100% PRELIMINARY**  
NOT FOR CONSTRUCTION



- LEGEND**
- PROPOSED CONTROLLER CABINET
  - PROPOSED PULL BOX
  - PROPOSED VEHICULAR SIGNAL HEAD
  - PROPOSED CONDUIT
  - PROPOSED ROADSIDE SIGN
  - EMERGENCY VEHICLE DETECTOR
  - PROPOSED METER PEDESTAL
  - PEDESTRIAN HEAD

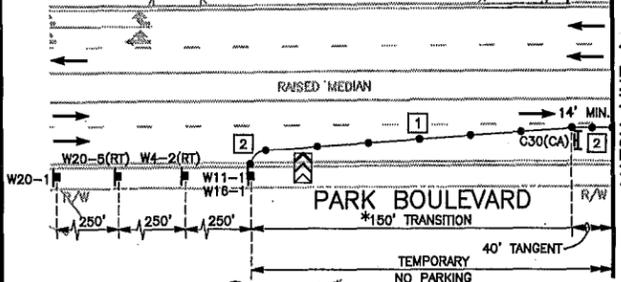
**CONSTRUCTION NOTES (THIS SHEET ONLY)**

- CONSTRUCT FOUNDATION, FURNISH AND INSTALL TYPE 332 ALUMINUM CABINET, AND CONTROLLER ASSEMBLY PER CITY SPECIFICATIONS, WIRED FOR 8-PHASE CAPABILITY, AND INCLUDE ALL ACCESSORIES NECESSARY TO PROVIDE THE PHASING AND PERFORM ALL FUNCTIONS INDICATED ON THIS PLAN.
- FURNISH AND INSTALL TYPE III SIGNAL AND LIGHTING SERVICE CABINET PER CITY OF SAN DIEGO AND SDG&E COMPANY REQUIREMENTS. PROVIDE 50A-1P CIRCUIT BREAKER FOR METERED TRAFFIC SIGNALS, 30A-1P CIRCUIT BREAKER FOR UNMETERED STREET LIGHTS. VERIFY SERVICE LOCATION AND REQUIREMENTS WITH SAN DIEGO GAS AND ELECTRIC COMPANY. SERVICE ADDRESS:
- INSTALL SINGLE CHANNEL VEHICLE PRE-EMPTION DETECTOR EQUIPMENT (E.V.P.E.) PER CITY OF SAN DIEGO REQUIREMENTS.
- FURNISH AND INSTALL POLARA EZ-COMM TWO WIRE PUSH BUTTON SYSTEM. THE PUSH BUTTON STATION SHALL INCLUDE A PROGRAMMABLE "WALK" MESSAGE, VIBROTACTILE PUSH BUTTON, AND LOCATOR TONE.
- FURNISH AND INSTALL SIDE BY SIDE GELCORE COUNTDOWN TYPE PEDESTRIAN SIGNAL HEAD.

Traffic Signal Modification Plan for:  
**PARK BOULEVARD MEDIAN IMPROVEMENTS**

CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 10 OF 10 SHEETS				WBS# 24001299
APPROVED:	FOR CITY ENGINEER	DATE	G. SORENSON PROJECT MANAGER	
	BRAD JOHNSON PRINT NAME		D. LI PROJECT ENGINEER	
DESCRIPTION	BY	APPROVED	DATE	FILMED
ORIGINAL	LLG			
AS-BUILTS				
CONTRACTOR	DATE STARTED	1843-6284 CCS83 COORDINATES		
INSPECTOR	DATE COMPLETED	37581-10-D		

PARK BOULEVARD MEDIAN IMPROVEMENTS - 6-04-14

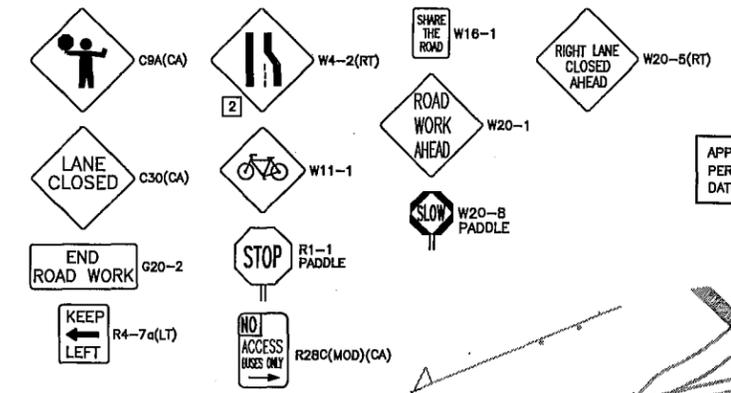


**\*TRANSITION CALCULATION**

$$L = \frac{(W)(S)^2}{60} = \frac{(10)(30)^2}{60} = 150'$$

USE 150'

**TEMPORARY CONSTRUCTION SIGNS (THIS SHEET ONLY)**



PERMIT NUMBER 11- \_\_\_\_\_  
 CO RTE PM \_\_\_\_\_  
 AS-BUILT PLANS FOR ROADWAY GEOMETRIC AND ABOVE GROUND FEATURES  
 STATE REPRESENTATIVE DATE \_\_\_\_\_

APPROVED ENCROACHMENT PERMIT PLAN  
 PERMIT NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_

**CONSTRUCTION NOTES (THIS SHEET ONLY)**

- 1 DELINEATORS SHALL BE PLACED AT 25' INTERVALS.
- 2 DELINEATORS SHALL BE PLACED AT 10' INTERVALS.
- 3 CONTRACTOR SHALL MAINTAIN A 4' CLEAR PATH THROUGH WORK ZONE FOR PEDESTRIAN ACCESS DURING THIS STAGE OF CONSTRUCTION.
- 4 FLAGGER SHALL ASSIST WITH CONTROL OF VEHICULAR ACCESS TO DRIVEWAY AND CONTROL OF PEDESTRIAN ACCESS ACROSS DRIVEWAY. FLAGGER SHALL BE EQUIPPED WITH A HARD HAT, ORANGE VEST, AND A R1-1/W20-B PADDLE.

**WORK DESCRIPTION**

ALL WORK ASSOCIATED WITH INSTALLATION OF PROPOSED CURB RAMP AND CONCRETE BUS PADS ON PARK BOULEVARD.

**WORK TO BE DONE (SHEETS 1 AND 2)**

THE IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS AND THE SPECIFICATIONS AND STANDARD DRAWINGS OF THE CITY OF SAN DIEGO.

**STANDARD SPECIFICATIONS:**

DOCUMENT NO.	EDITION	DESCRIPTION
PITS070112-01	2012	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREEN" BOOK)
PITS070112-02	2012	CITY OF SAN DIEGO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "WHITE" BOOK)
PITS070112-04	2010	CALTRANS STANDARD SPECIFICATIONS
PITS070112-06	2012	CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD)

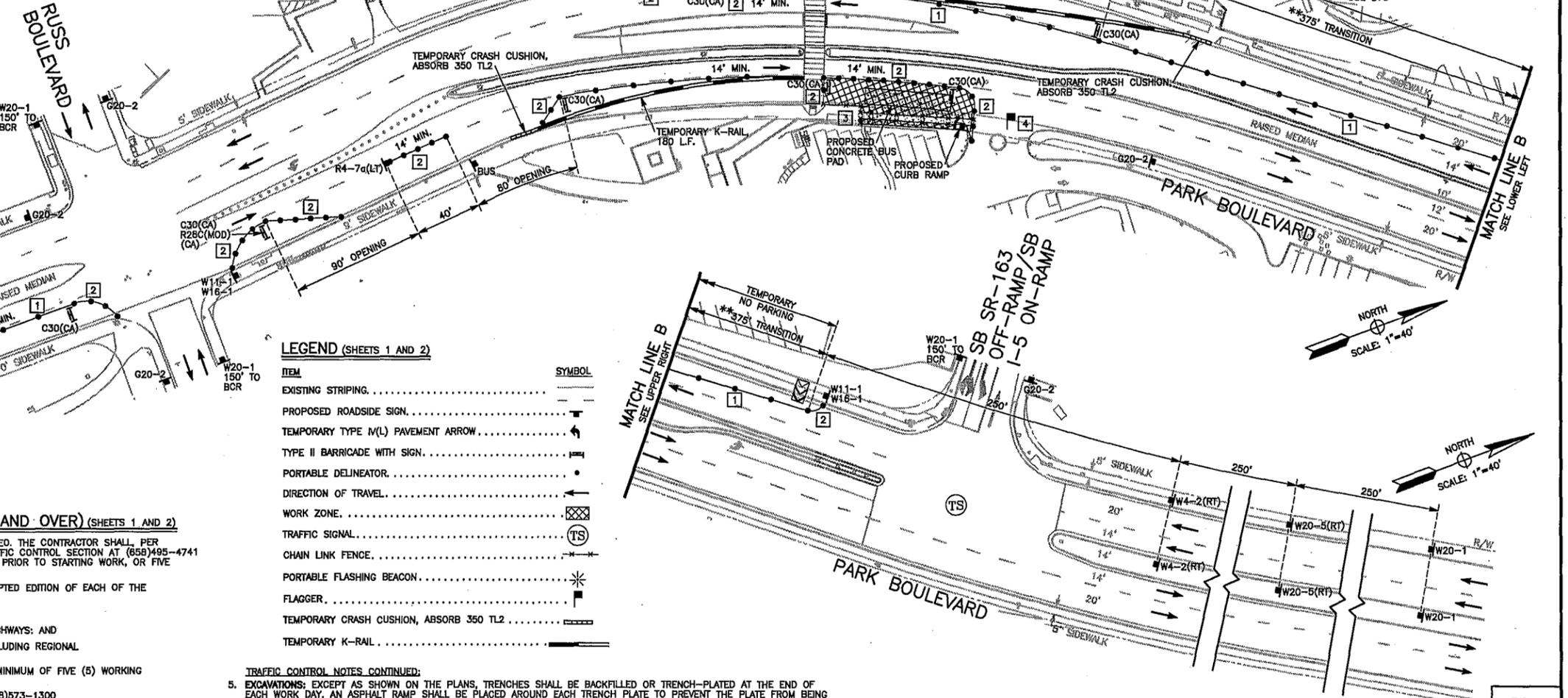
**STANDARD DRAWINGS**

DOCUMENT NO.	EDITION	DESCRIPTION
PITS070112-03	2012	CITY OF SAN DIEGO STANDARD DRAWINGS
PITS070112-05	2010	CALTRANS STANDARD PLANS

**\*\*TRANSITION CALCULATION**

$$L = \frac{(W)(S)^2}{60} = \frac{(14)(40)^2}{60} = 373'$$

USE 375'



**LEGEND (SHEETS 1 AND 2)**

ITEM	SYMBOL
EXISTING STRIPING	.....
PROPOSED ROADSIDE SIGN	.....
TEMPORARY TYPE N(L) PAVEMENT ARROW	.....
TYPE II BARRICADE WITH SIGN	.....
PORTABLE DELINEATOR	.....
DIRECTION OF TRAVEL	.....
WORK ZONE	.....
TRAFFIC SIGNAL	.....
CHAIN LINK FENCE	.....
PORTABLE FLASHING BEACON	.....
FLAGGER	.....
TEMPORARY CRASH CUSHION, ABSORB 350 TL2	.....
TEMPORARY K-RAIL	.....

**TRAFFIC CONTROL NOTES CONTINUED:**

5. 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.
6. RESTORATION OF ROADWAY: THE CONTRACTOR SHALL REPAIR OR REPLACE TRAFFIC CONTROL DEVICES (INCLUDING TRAFFIC SIGNS, STRIPING, PAVEMENT MARKERS, LEGENDS, CURB MARKINGS, LOOP DETECTORS, TRAFFIC SIGNAL EQUIPMENT, ETC.) DAMAGED OR REMOVED AS A RESULT OF OPERATIONS AND NOT DESIGNATED FOR REMOVAL, REPAIR AND REPLACEMENTS SHALL BE EQUAL TO EXISTING IMPROVEMENTS. LOOP DETECTORS SHALL BE REPLACED WITHIN THREE (3) WORKING DAYS OF COMPLETION OF UNDERGROUND WORK.
7. 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.

**100% PRELIMINARY**  
 NOT FOR CONSTRUCTION

**TRAFFIC CONTROL NOTES (STREETS WITH ADT OF 5,000 AND OVER) (SHEETS 1 AND 2)**

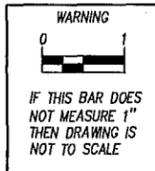
1. VALIDATION: THIS TRAFFIC CONTROL PLAN IS NOT VALID UNTIL WORK DATES ARE APPROVED. THE CONTRACTOR SHALL, PER SECTION 7-10.1.3 OF THE CONTRACT SPECIAL PROVISIONS, CALL THE ENGINEERING TRAFFIC CONTROL SECTION AT (658)495-4741 TO OBTAIN A PERMIT. THE CONTRACTOR MUST CALL A MINIMUM TWO (2) WORKING DAYS PRIOR TO STARTING WORK, OR FIVE (5) WORKING DAYS WHEN THE WORK WILL AFFECT A TRAFFIC SIGNAL.
2. STANDARDS: THE TRAFFIC CONTROL PLAN SHALL CONFORM TO THE MOST RECENTLY ADOPTED EDITION OF EACH OF THE FOLLOWING MANUALS:
  - a. CITY OF SAN DIEGO STANDARD DRAWINGS, APPENDIX "A";
  - b. CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; AND
  - c. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK"), INCLUDING REGIONAL AND CITY OF SAN DIEGO SUPPLEMENT AMENDMENTS.
3. 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 DISPATCH	(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)258-0100 EXT. 424
MTDB	(TAXI ZONES)	(619)586-7030
UNDERGROUND SERVICE ALERT	(ANY EXCAVATION)	(805)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.
4. 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.

**ROADWAY IMPROVEMENTS**  
 WORK HOURS 8:30 AM TO 3:30 PM

**TRAFFIC CONTROL DESIGN SPEED**  
 PARK BOULEVARD (SOUTH OF RUSS BLVD) = 30 MPH  
 PARK BOULEVARD (NORTH OF RUSS BLVD) = 40 MPH



**CITY OF SAN DIEGO**  
**PUBLIC WORKS PROJECT**



LINSCOTT, LAW & GREENSPAN, ENGINEERS  
 4542 Ruffner Street, Suite 100  
 San Diego, Ca 92111  
 (658)300-8800 (658)300-8810 (FX)

LG 3-106396.1  
 101-PARK.DWG  
 8/4/14  
 Drawn By: DVS  
 Checked By: JPK

REVISION	DATE	BY	N.E.
100% SUBMITTAL	6-4-14		

PROJECT ENGR: JAMES S. MILLER  
 DESIGNED BY: JAMES S. MILLER  
 DRAWN BY: DAVID V. SPINLER  
 SCALE: AS SHOWN  
 JOB NO. 109-221.1



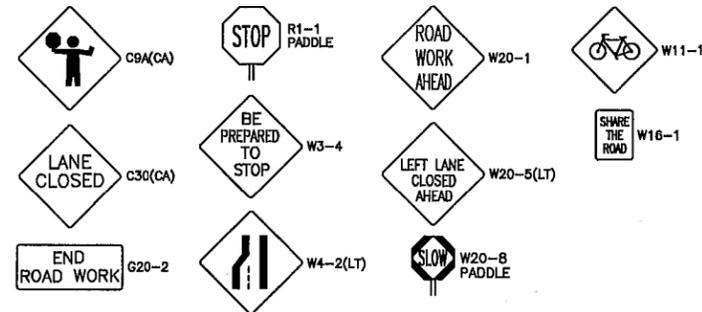
Traffic Control Plan for:  
**PARK BOULEVARD MEDIAN IMPROVEMENTS**  
 (STAGE 1)

CITY OF SAN DIEGO, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT  
 SHEET 1 OF 2 SHEETS

APPROVED:	FOR CITY ENGINEER	DATE	PROJECT MANAGER
	BRAD JOHNSON		G. SORENSON
			D. U.
			202-1721
			CCS27 COORDINATES
			1943-8284
			CCS83 COORDINATES
CONTRACTOR:	DATE STARTED		37581-T1-D
INSPECTOR:	DATE COMPLETED		

PARK BOULEVARD MEDIAN IMPROVEMENTS - 6-04-14

TEMPORARY CONSTRUCTION SIGNS (THIS SHEET ONLY)



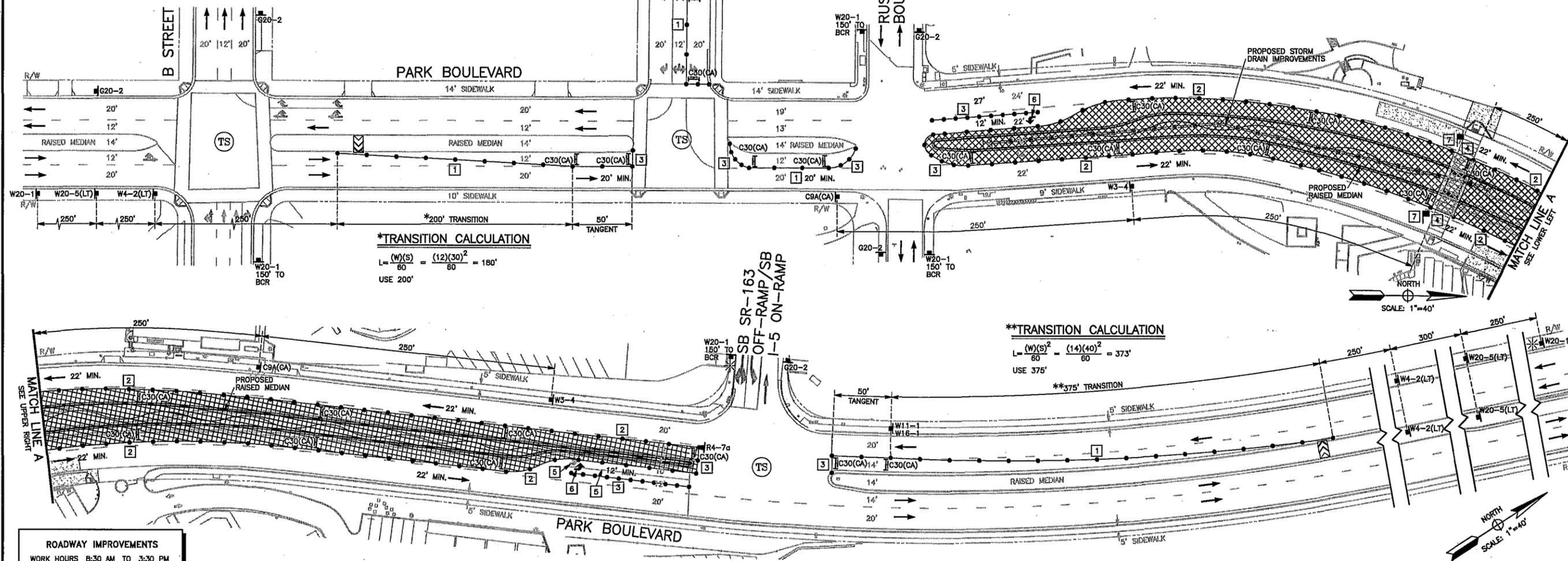
ELEVENTH AVENUE

WORK DESCRIPTION

• ALL WORK ASSOCIATED WITH NEW STORM DRAIN IMPROVEMENTS AND DEMOLITION OF EXISTING RAISED MEDIAN AND REPLACE WITH NEW RAISED MEDIAN ON PARK BOULEVARD.

PERMIT NUMBER 11-\_\_\_\_\_  
 CO. RTE. PM  
 AS-BUILT PLANS FOR ROADWAY GEOMETRIC AND ABOVE GROUND FEATURES  
 STATE REPRESENTATIVE DATE

APPROVED ENCROACHMENT PERMIT PLAN  
 PERMIT NO.: \_\_\_\_\_  
 DATE: \_\_\_\_\_

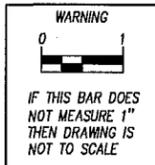


**ROADWAY IMPROVEMENTS**  
 WORK HOURS 8:30 AM TO 3:30 PM

CONSTRUCTION NOTES (THIS SHEET ONLY)

- 1 DELINEATORS SHALL BE PLACED AT 25' INTERVALS.
- 2 DELINEATORS SHALL BE PLACED AT 20' INTERVALS.
- 3 DELINEATORS SHALL BE PLACED AT 10' INTERVALS.
- 4 CONTRACTOR SHALL MAINTAIN A 10' CLEAR PATH THROUGH WORK ZONE FOR PEDESTRIAN ACCESS DURING THIS STAGE OF CONSTRUCTION.
- 5 REMOVE CONFLICTING STRIPING/MARKING AND RESTORE TO ITS ORIGINAL CONDITION UPON COMPLETION OF THIS STAGE OF CONSTRUCTION.
- 6 INSTALL TEMPORARY TYPE IV(LT) PAVEMENT ARROW AND REMOVE UPON COMPLETION OF THIS STAGE OF CONSTRUCTION.
- 7 FLAGGER SHALL CONTROL PEDESTRIANS, BICYCLISTS, AND VEHICULAR TRAFFIC NEAR CROSSWALK AS NEEDED. FLAGGER SHALL BE EQUIPPED WITH A HARD HAT, ORANGE VEST, AND A R1-1/W20-8 PADDLE.

**TRAFFIC CONTROL DESIGN SPEED**  
 PARK BOULEVARD (SOUTH OF RUSS BLVD) = 30 MPH  
 PARK BOULEVARD (NORTH OF RUSS BLVD) = 40 MPH

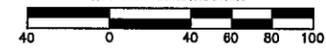


CITY OF SAN DIEGO  
 PUBLIC WORKS PROJECT

NOTE  
 FOR TRAFFIC CONTROL NOTES, AND LEGEND, SEE SHEET 1.



100% PRELIMINARY  
 NOT FOR CONSTRUCTION



LINSOTT LAW & GREENSPAN		LINSOTT, LAW & GREENSPAN, ENGINEERS 4542 Ruffner Street, Suite 100 San Diego, Ca 92111 (656)300-8800 (656)300-9810 (FX)	
LLG 3-1063961	T02-PARKDWB	6/3/14	
DESIGNED BY: JSM	DRAWN BY: DVS	CHECKED BY: JPK	
REVISION	DATE	BY	PROJECT ENGR: JAMES S. MILLER
100% SUBMITTAL	6-4-14	N.E.	DESIGNED BY: JAMES S. MILLER
			DRAWN BY: DAVID V. SPINLER
			SCALE: AS SHOWN
			JOB NO. 109-221.1



Traffic Control Plan for:			
PARK BOULEVARD MEDIAN IMPROVEMENTS (STAGE 2)			
CITY OF SAN DIEGO, CALIFORNIA PUBLIC WORKS DEPARTMENT SHEET 2 OF 2 SHEETS			
APPROVED:	FOR CITY ENGINEER	DATE	MJS# 24001299
	BRAD JOHNSON		G. SORENSON PROJECT MANAGER
DESCRIPTION	BY	APPROVED	DATE
ORIGINAL	LLG		
AS-BUILT			
CONTRACTOR	DATE STARTED		
INSPECTOR	DATE COMPLETED		
			37581-T2-D

PARK BOULEVARD MEDIAN IMPROVEMENTS - 6-04-14

T-2