

**NOTICE TO BIDDERS**

**PROPOSAL FORM**

**SPECIFICATIONS**

**and**

**STANDARD CONTRACTUAL REQUIREMENTS**

**for the**

**2013-2014 ON-CALL PAVING SPOT REPAIRS AND SIDEWALK, CURB AND GUTTER AND  
DRIVEWAY APPROACH SPOT REPAIRS**

**within the Cities of**

**BEVERLY HILLS AND WEST HOLLYWOOD, CALIFORNIA  
0000**

**PUBLIC WORKS & TRANSPORTATION DEPARTMENT  
BEVERLY HILLS, CALIFORNIA**

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**August 2013**

**Job No. 1334**

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**NOTICE TO BIDDERS**  
**for the**  
**2013-2014 ON-CALL PAVING SPOT REPAIRS AND SIDEWALK , CURB AND GUTTER AND**  
**DRIVEWAY APPROACH SPOT REPAIRS**  
**within the Cities of**  
**BEVERLY HILLS AND WEST HOLLYWOOD, CALIFORNIA**  
**ooooo**

**BIDS** - Sealed proposals for the **2013-2014 ON-CALL PAVING SPOT REPAIRS AND SIDEWALK, CURB AND GUTTER AND DRIVEWAY APPROACH SPOT REPAIRS** within the Cities of Beverly Hills and West Hollywood, California, will be received up to the hour of 2:00 p.m., on Tuesday, **August 27, 2013** at the office of the City Clerk of the City of Beverly Hills, located in Room 290 at 455 North Rexford Drive, Beverly Hills, California. Bids will be publicly opened at 2:00 p.m. on the above-mentioned date in the office of the City Clerk at City Hall and award of the contract will be made during a subsequent meeting of the City Council.

**SCOPE OF THE WORK** - The work to be done shall consist of furnishing all the required labor, materials, equipment, parts, implements, supplies and permits necessary for, or appurtenant to, the construction and completion of the project indicated above in accordance with Standard Drawings and the Specifications prepared for this project. In general terms, the contract work for this project shall consist of the following items of work:

ITEM NO.	ESTIMATED QUANTITY	UNITS	ITEM DESCRIPTION
1	6,000	SF	<b>On-Call</b> Asphalt Pavement spot repairs – full depth: 6” AC on 4” min. CAB within COBH and WHO
2	3,000	SF	Sidewalk spot repairs ”, Remove and Replace (Related to “ <b>On-Call</b> Pavement Spot Repairs”) within COBH and WHO
3	200	LF	Remove and Replace 8” curb w/24” min. wide gutter (Related to “ <b>On-Call</b> Pavement Spot Repairs”) within COBH and WHO
4	1,200	SF	<b>On-Call</b> Concrete Pavement spot repairs – full depth: 6” concrete on 4” min. CAB within COBH and WHO
5	48	Each	Adjust water valve box cover to grade (Related to “ <b>On-Call</b> Pavement Spot Repairs”) within COBH and WHO
6	30	Each	Adjust water meter box to grade (Related to “ <b>On-Call</b> Pavement Spot Repairs”) within COBH and WHO
7	20	Each	Adjust city-owned sewer/stormdrain manhole to grade (Related to “ <b>On-Call</b> Pavement Spot Repairs”) within COBH and WHO
8	13,640	LF	Remove and Replace 8” Curb w/24” min. wide Curb and Gutter at <b>682 Locations</b> s/o SMBN (within COBH)
9	36,300	SF	Remove and Replace Sidewalk at <b>605 Locations</b> s/o SMBN (within COBH)
10	4,000	SF	Remove and Replace Residential Driveway Approach s/o SMBN (within COBH)
11	3,000	SF	Remove and Replace Non-Residential Driveway Approach s/o SMBN (within COBH)
12	2,250	IN/FT	Sidewalk Spot Repair, Repair of Trip Hazards from <b>1/4” up to 1/2”</b> s/o SMBN (within COBH)
13	4,950	IN/FT	Sidewalk Spot Repair, Repair of Trip Hazards <b>from 5/8” up to 1”</b> s/o SMBN (within COBH)
14	4,300	IN/FT	Sidewalk Spot Repair, Repair of Trip Hazards <b>from 1 1/8” up to 2 1/2”</b> s/o SMBN (within COBH)

Copies of the Specifications and Proposal Form may be inspected and obtained at the office of the **City Engineer, 345 Foothill Road, Beverly Hills, CA 90210**. There is no charge or deposit required for this material; therefore, they are not to be returned to the City for refund. Each bidder shall furnish the City with the name, address, and telephone number of the firm requesting Specifications.

References in the project specifications to specific sections of the *Standard Specifications* refer to the book of "Standard Specifications for Public Works Construction", 2012 Edition, written by a Joint Cooperative Committee of the Southern California Chapter of the American Public Works Association and Southern California District of the Associated General Contractors of California (**GreenBook**). Contractors wishing to obtain this book may purchase copies directly from the publisher, Building News, Inc., 1612 South Clementine Street, Anaheim, CA, 92802. There is no charge or deposit for the other items listed above.

**GENERAL INSTRUCTIONS** - Bids must be submitted on the Proposal Form prepared for this project and shall be delivered at the office of the City Clerk within a sealed envelope supplied by the City and marked on the outside as follows: **"2013-2014 ON-CALL PAVING SPOT REPAIRS AND SIDEWALK, CURB AND GUTTER AND DRIVEWAY APPROACH SPOT REPAIRS."** Each Bid shall be accompanied by a cashier's check or certified check drawn on a solvent bank, payable to "City of Beverly Hills," for an amount equal to ten percent (10%) of the total maximum amount of the Bid. Alternatively, a satisfactory corporate surety Bid Bond for an amount equal to ten percent (10%) of the total maximum amount of the Bid may accompany the Bid. Said security shall serve as a guarantee that the successful Bidder will, within fourteen (14) calendar days after the date of the award of the contract, enter into a valid contract with the City for said Work in accordance with the Contract Documents.

**ENGINEER'S ESTIMATE** - The preliminary cost of construction of this Work has been prepared and the said estimate is **\$ 1,100,000**.

**PREVAILING WAGES** - In accordance with the provisions of *Section 1770 et seq.*, of the Labor Code, the Director of the Industrial Relations of the State of California has determined the general prevailing rate of wages applicable to the work to be done. The Contractor will be required to pay to all workers employed on the project sums not less than the sums set forth in the documents entitled "General Prevailing Wage Determination made by the Director of Industrial Relations pursuant to California Labor Code Part 7, Chapter 1, Article 2, *Sections 1770, 1773, 1773.1*".

A copy of said documents is on file and may be inspected in the office of the **City Engineer, located in 345 Foothill Road, Beverly Hills, California 90210**.

Attention is directed to the provisions of *Sections 1777.5 and 1777.6* of the Labor Code concerning the employment of apprentices by the Contractor or any subcontractor under him. The Contractor and any subcontractor under him shall comply with the requirements of said sections in the employment of apprentices.

Information relative to apprenticeship standards and administration of the apprenticeship program may be obtained from the Director of Industrial Relations, San Francisco, California, or from the Division of Apprenticeship Standards and its branch offices.

**PAYROLL RECORDS** - The Contractor's attention is directed to *Section 1776* of the Labor Code, relating to accurate payroll records, which imposes responsibility upon the Contractor for the maintenance, certification, and availability for inspection of such records for all persons employed by the Contractor or by the Subcontractors in connection with the project. The Contractor shall agree through the Contract to comply with this section and the remaining provisions of the Labor Code.

**INSURANCE AND BOND REQUIREMENTS** - The Contractor shall provide insurance in accordance with *Section 3-13* of the City of Beverly Hills, Public Works Department, Standard Contractual Requirements, included as part of these Specifications. In addition, the Contractor shall guarantee all work against defective workmanship and materials furnished by the Contractor for a period of one (1) year from the date the work was accepted in accordance with *Section 2-11* of the Standard Contractual Requirements. The Contractor's sureties for the "Performance Bond" shall be liable for any work that the Contractor fails to replace within a specified time.

**CONTRACTORS LICENSE** - At the time of the Bid Deadline and at all times during performance of the Work, including full completion of all corrective work during the Correction Period, the Contractor must possess a California contractor's license or licenses, current and active, of the classification required for the Work, in accordance with the provisions of Chapter 9, Division 3, Section 7000 et seq. of the Business and Professions Code.

In compliance with Public Contract Code Section 3300, the City has determined that the Bidder must possess the following license(s): "A" or "C-12"

The successful Bidder will not receive a Contract award if the successful Bidder is unlicensed, does not have all of the required licenses, or one or more of the licenses are not current and active. If the City discovers after the Contract's award that the Contractor is unlicensed, does not have all of the required licenses, or one or more of the licenses are not current and active, the City may cancel the award, reject the Bid, declare the Bid Bond as forfeited, keep the Bid Bond's proceeds, and exercise any one or more of the remedies in the Contract Documents.

**SUBCONTRACTORS' LICENSES AND LISTING** - At the time of the Bid Deadline and at all times during performance of the Work, each listed Subcontractor must possess a current and active California contractor's license appropriate for the portion of the Work listed for such Subcontractor and shall hold all specialty certifications required for such Work. When the Bidder submits its Bid to the City, the Bidder must list each Subcontractor whom the Bidder must disclose under Public Contract Code Section 4104 (Subcontractor Listing Law), and the Bidder must provide all of the Subcontractor information that Section 4104 requires (name, address, and portion of the Work). In addition, the City requires that the Bidder list each Subcontractor's license number and the dollar value of each Subcontractor's labor or services.

**SUBSTITUTION OF SECURITIES** - Pursuant to California Public Contract Code Section 22300, substitution of securities for withheld funds is permitted in accordance therewith.

***THE CITY RESERVES THE RIGHT TO REJECT ANY BID OR ALL THE BIDS AND TO WAIVE ANY INFORMALTY OR IRREGULARITY IN ANY BID, BUT IF THE BIDS ARE ACCEPTED, THE CONTRACT FOR THE IMPROVEMENT WILL BE LET TO THE LOWEST RESPONSIBLE BIDDER FOR THE PROJECT AS A WHOLE.***

**PROPOSAL FORM**

**for the  
2013-2014 ON-CALL PAVING SPOT REPAIRS AND SIDEWALK, CURB AND GUTTER AND  
DRIVEWAY APPROACH SPOT REPAIRS**

**within the Cities of  
BEVERLY HILLS AND WEST HOLLYWOOD, CALIFORNIA  
00000**

Beverly Hills, California  
Date **8-27-2013**

To the Honorable City Council  
Beverly Hills, California:

In compliance with the advertised notice inviting sealed proposals for the **2013-2014 ON-CALL PAVING SPOT REPAIRS AND SIDEWALK, CURB AND GUTTER AND DRIVEWAY APPROACH SPOT REPAIRS** within the Cities of Beverly Hills and West Hollywood, California, and after having carefully examined the locations of the project and studied the Plans and Specifications prepared for this work, the undersigned hereby agrees to enter into a contract to furnish all labor, materials, equipment, parts, implements, supplies and permits (both for City of Beverly Hills and West Hollywood) needed to perform the contract work to the satisfaction and under the direction of the City Engineer of the City of Beverly Hills, said contract to be drawn in accordance with the provisions of the Plans, Specifications, Notice to Bidders, and all the applicable clauses of the "Standard Contractual Requirements for Public Improvements in the City of Beverly Hills, California", as adopted by the Department of Public Works on November 1, 1976.

If awarded the contract, the undersigned agrees to furnish the necessary bonds and insurance, as set forth in the above-mentioned Standard Contractual Requirements, **within ten (10) days** after the award of the contract.

Attached hereto is cash, or cashier's check, or a certified check in favor of the City of Beverly Hills, in an amount equal to **at least ten percent (10%)** of the total bid, or a bid bond for said amount on a form furnished by the City, with the understanding that said security shall be held by the City Clerk until the contract for doing the work has been entered into, and that said security shall be forfeited to the City as liquidated damages should the undersigned fail to enter into a contract and furnish the above-mentioned bonds and insurance **within the ten (10) days** specified, if awarded the contract, as the undersigned agrees that in the event of such failure, the actual amount of the damage to the City would be impractical and extremely difficult to determine.

In the event cash, or cashier's check, or a certified check is furnished for the bid bond, then a letter is required from a bonding company stating that said company will furnish the necessary bonds, as specified in *Paragraph 2-11* of the Standard Contractual Requirements, if the undersigned is awarded the contract. The undersigned is aware of the fact that such a letter must be from a bonding company acceptable to the City of Beverly Hills, and that all bids accompanied by cash, or cashier's check, or a certified check in lieu of the bid bond must be accompanied by such a letter in order to be considered.

The undersigned certifies to have a minimum of three consecutive years of current experience in the type of work related to this project and that this experience is in actual operation of a firm with permanent employees performing a part of the work as distinct from a firm operating entirely by subcontracting all phases of the work.

The undersigned also certifies to be properly licensed by the State of California as a contractor to perform work of this specialty and further certifies to have been so licensed for the three years immediately preceding the date of receipt of bids. The undersigned agrees to furnish the City satisfactory proof of ability to perform the work, as well as records of performance of similar jobs completed recently, if and when requested to do so by the City Engineer.

The undersigned agrees that the insurance and bonding requirements set forth in *Sections 3-13 and 2-11*, respectively, of the City of Beverly Hills, Public Works Department, Standard Contractual Requirements can and will be fulfilled.

The undersigned hereby agrees to perform the work as described in Beverly Hills Standards, and in the Specifications prepared for this project, at the following prices, to wit:

<u>ITEM NO.</u>	<u>ESTIMATED QUANTITY AND UNIT</u>	<u>DESCRIPTION PRICE WRITTEN IN WORDS</u>	<u>UNIT PRICE IN FIGURES</u>	<u>TOTAL IN FIGURES</u>
1	6,000 SF	Asphalt Pavement Spot Repairs (Related to "On-Call Pavement Spot Repairs") full depth: 6" AC on 4" min. CAB within COBH and WHo	\$ _____	\$ _____
		_____ DOLLARS		
		and _____ CENTS		
		per <b>Square Foot</b>		

<u>ITEM NO.</u>	<u>ESTIMATED QUANTITY AND UNIT</u>	<u>DESCRIPTION PRICE WRITTEN IN WORDS</u>	<u>UNIT PRICE IN FIGURES</u>	<u>TOTAL IN FIGURES</u>
2	3,000 SF	Sidewalk Spot Repairs, Remove and Replace (Related to "On-Call Pavement Spot Repairs") within COBH and WHO  _____ DOLLARS and _____ CENTS per <b>Square Foot</b>	\$ _____	\$ _____
3	200 LF	Remove and Replace Curb and Gutter with 24" min. wide Curb and Gutter (Related to "On-Call Pavement Spot Repairs") within COBH and WHO  _____ DOLLARS and _____ CENTS per <b>Linear Foot</b>	\$ _____	\$ _____
4	1,200 SF	Concrete Pavement Spot Repairs (Related to "On-Call Pavement Spot Repairs") full depth – 6" Concrete on 4" min. CAB within COBH and WHO  _____ DOLLARS and _____ CENTS per <b>Square Foot</b>	\$ _____	\$ _____

<u>ITEM NO.</u>	<u>ESTIMATED QUANTITY AND UNIT</u>	<u>DESCRIPTION PRICE WRITTEN IN WORDS</u>	<u>UNIT PRICE IN FIGURES</u>	<u>TOTAL IN FIGURES</u>
5	48 EA	Adjust Water Valve Box Cover to Grade (Related to "On-Call Pavement Spot Repairs") within COBH and WHO  _____ DOLLARS and _____ CENTS per <b>Each</b>	\$ _____	\$ _____
6	30 EA	Adjust Water Meter Box to Grade (Related to "On-Call Pavement Spot Repairs") within COBH and WHO  _____ DOLLARS and _____ CENTS per <b>Each</b>	\$ _____	\$ _____
7	20 EA	Adjust City-Owned Sewer/Stormdrain Manhole (Precast and Brick) Frame and Cover to Grade (Related to "On-Call Pavement Spot Repairs") within COBH and WHO  _____ DOLLARS and _____ CENTS per <b>Each</b>	\$ _____	\$ _____

<u>ITEM NO.</u>	<u>ESTIMATED QUANTITY AND UNIT</u>	<u>DESCRIPTION PRICE WRITTEN IN WORDS</u>	<u>UNIT PRICE IN FIGURES</u>	<u>TOTAL IN FIGURES</u>
8	13,640 LF	Remove and Replace Curb and Gutter with 24" min. wide Curb and Gutter at <b>682 Locations</b> s/o SMBN (within COBH)	\$_____	\$_____
		_____ DOLLARS and _____ CENTS per <b>Linear Foot</b>		
9	36,300 SF	Remove and Replace Sidewalk at <b>605 Locations</b> s/o SMBN (within COBH)	\$_____	\$_____
		_____ DOLLARS and _____ CENTS per <b>Square Foot</b>		
10	4,000 SF	Remove and Replace Residential Driveway Approach s/o SMBN (within COBH)	\$_____	\$_____
		_____ DOLLARS and _____ CENTS per <b>Square Foot</b>		

<u>ITEM NO.</u>	<u>ESTIMATED QUANTITY AND UNIT</u>	<u>DESCRIPTION PRICE WRITTEN IN WORDS</u>	<u>UNIT PRICE IN FIGURES</u>	<u>TOTAL IN FIGURES</u>
11	3,000 SF	Remove and Replace Non-Residential Driveway Approach s/o SMBN (within COBH)	\$_____	\$_____
		_____ DOLLARS		
		and _____ CENTS		
		per <b>Square Foot</b>		
12	2,250 IN-FT	Sidewalk Spot Repair, Repair of Trip Hazards from 1/4" up to 1/2" s/o SMBN (within COBH)	\$_____	\$_____
		_____ DOLLARS		
		and _____ CENTS		
		per <b>INCH-FOOT</b>		
13	4,950 IN-FT	Sidewalk Spot Repair, Repair of Trip Hazards from 5/8" up to 1" s/o SMBN (within COBH)	\$_____	\$_____
		_____ DOLLARS		
		and _____ CENTS		
		per <b>INCH-FOOT</b>		



**LIST OF SUBCONTRACTORS** - The undersigned is required to fill in the following blanks in accordance with the provisions of Section 4104 of the Public Contract Code of the State of California and Section 2-3 of the Standard Specifications.

<u>Name Under Which Subcontractor is Licensed</u>	<u>License Number</u>	<u>Location of the Place of Business</u>	<u>Specific Description of Subcontract</u>	<u>Value (\$) of Subcontract</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Subcontractors listed in accordance with the provision of Section 2-3 of the Standard Specifications for Public Works Construction, must be properly licensed under the laws of the State of California for the type of work, which they are to perform. Do not list alternate subcontractors for the same work.

The undersigned agrees to furnish proof that all contractors and subcontractors performing any work related to this improvement are complying with all the requirements of Social Security Legislation, both State and Federal, and also agrees to conform with the provisions of Sections 4100 to 4113, inclusive, of the Public Contract Code, as amended, concerning subcontractors and subcontracts.

TE750015

**NONCOLLUSION AFFIDAVIT TO BE EXECUTED BY  
BIDDER AND SUBMITTED WITH BID**

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

\_\_\_\_\_, being first duly sworn, deposes and says that he or  
she is \_\_\_\_\_ of

\_\_\_\_\_ the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, **or** corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true, and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or 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.

\_\_\_\_\_  
Contractor  
  
\_\_\_\_\_  
  
\_\_\_\_\_

***(Attach appropriate notary acknowledgments)***

TE750013  
12-12-89

Respectfully submitted:

Dated \_\_\_\_\_

FIRM NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_

Bidder

ADDRESS \_\_\_\_\_

\_\_\_\_\_

TELEPHONE: BUSINESS \_\_\_\_\_

RESIDENCE \_\_\_\_\_

CONTRACTOR'S LICENSE NO. \_\_\_\_\_ CLASS \_\_\_\_\_ EXPIRATION DATE \_\_\_\_\_

Bidder is \* \_\_\_\_\_

If a partnership, names of partners  
If a corporation, names of President **or**  
Vice President, **and** the Secretary **or**  
Assistant Secretary

NAME

ADDRESS

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

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

I (we) hereby state and declare under the penalty of perjury under the laws of California, that the representations made herein are true and correct.

Executed on \_\_\_\_\_ 20\_\_\_\_ at \_\_\_\_\_ California

\*By: \_\_\_\_\_

\*By: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

\* Please state whether the bidder is an individual, a partnership, a corporation, **or** an individual doing business under a fictitious name. If the bidder is a corporation, the following is required: 1) signatures of two corporate officers; **or** 2) a certified copy of the corporation bylaws, and a resolution of the Board of Directors which gives authority to the officers signing this agreement to execute contracts on behalf of the corporation. Also, refer to Paragraph 2-01 of the Standard Contractual Requirements.

TE750014

## SPECIFICATIONS

### for the 2013-2014 ON-CALL PAVING SPOT REPAIRS AND SIDEWALK, CURB AND GUTTER AND DRIVEWAY APPROACH SPOT REPAIRS

### within the Cities of BEVERLY HILLS AND WEST HOLLYWOOD, CALIFORNIA

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## SECTION 1

### GENERAL PROVISIONS

**1-01 WORK TO BE DONE** – The contract work to be done under these specifications shall consist of furnishing all the required labor, materials, equipment, parts, implements and supplies necessary for, or appurtenant to, **2013-2014 ON-CALL PAVING SPOT REPAIRS AND SIDEWALK, CURB AND GUTTER AND DRIVEWAY APPROACH SPOT REPAIRS** within the Cities of Beverly Hills and West Hollywood, California, in accordance with Standard Drawings and the Specifications prepared for this project.

The locations of the “**on-call**” work on this project (***Bid Item #s 1-7, inclusive***) will be provided to the contractor on a monthly list and will be on one of the streets/alleys shown on the “Street Name/Vicinity Map for **On-Call** Paving/Sidewalk Spot Repairs within COBH or WHO” included in ***Appendix D***.

The sidewalk, curb and gutter and driveway approach spot repair work on this project (***Bid Item #s 8-14, inclusive***) shall occur at the **1,287** locations identified on the “Sidewalk/Curb and Gutter Removals/Spot Repair” Summary Sheets for Districts 1-8 inclusive south of Santa Monica Boulevard North (SMBN)” included in ***Appendix B*** which are located on **134** street segments shown on the “Street Name/Vicinity Map for Sidewalk and Curb and Gutter Work south of Santa Monica Boulevard North (SMBN)” included in ***Appendix C***:

**1-02 STANDARD CONTRACTUAL REQUIREMENTS** - The provisions of the "Standard Contractual Requirements for Public Improvements in the City of Beverly Hills", a copy of which is attached hereto and incorporated herein by reference, shall be applicable to the work covered by these specifications.

### 1-03 REFERENCE SPECIFICATIONS

**1-03.1 STANDARD SPECIFICATIONS** - The words "Standard Specifications" when used in these specifications or in the contract, refer to the "Standard Specifications for Public Works Construction", 2012 Edition, written by a Joint Cooperative Committee of the Southern California

Chapter of the American Public Works Association and Southern California District of the Associated General Contractors of California.

The Standard Specifications for Public Works Construction, 2012 Edition, including all amendments thereto issued prior to date of the bid opening, shall be a part of these specifications, the same as though contained fully herein.

**1-03.2 AMENDMENTS** - The "Standard Specifications for Public Works Construction", 2012 Edition is amended as follow:

1) The following is in addition to the provisions of *Section 2-9.1* of the GreenBook:

The Contractor is required to locate and tie out survey monuments in the project area prior to construction involving street and highways, and to file with the County Surveyor a Corner Record of any such work. Prior to the issuance of a completion certificate, the Contractor is required to file a Corner Record for survey monumentation that is replaced. All such survey work shall be performed under the supervision of a California licensed Land Surveyor or a Civil Engineer authorized to perform such work.

The Contractor shall provide the City a copy of the office calculations and documents submitted to the County for filing in connection with the aforementioned work.

The payment for surveying, related professional services, permit processing, office calculations, and furnishing all labor, materials, equipment, tools and incidentals, and for doing work involved shall be considered as included in the various items of work, and no additional compensation will be allowed therefore.

2) The second paragraph of *Section 3-2.2.1* "Contract Unit Prices", of the Standard Specifications for Public Works Construction is deleted.

3) The first paragraph of *Section 3-3.2.2* shall be changed as follows:

3-3.2.2.1 Labor. The costs of labor will be the actual cost for wages of workers performing the extra work at the time the extra work is done, plus the employer payments of payroll taxes, health and welfare, pension, vacation, apprenticeship funds, and other direct costs, resulting from Federal, State, or local laws, as well as assessments or benefits required by collective bargaining agreements.

4) *Section 3-3.2.3* Markup shall be replaced by the following:

3-3.2.3.1 Work by Contractor. An allowance for overhead and profit shall be added to the Contractor's cost as determined under 3-3.2.2 and shall constitute the full and complete markup for all overhead and profit on extra work performed by the Contractor. The Contractor shall be compensated for the actual increase in the Contractor's bond premium

caused by the extra work. For costs determined under each subsection in 3-3.2.2, the markup shall be:

- a) Labor 20%
- b) Materials 15%
- c) Tools & Equipment Rental 15%
- d) Other Items 15%

3-3.2.3.2 Work by Subcontractor. When any of the extra work is performed by a Subcontractor, the markup established in 3-3.2.3.1 shall be applied to the Subcontractor's costs as determined under 3-3.2.2. An allowance for the Contractor's overhead and profit shall be added to the sum of the Subcontractor's costs and markup and shall constitute the full and complete markup for all overhead and profit for the Contractor on work by the Subcontractor. For Contractor markup of Subcontractor's costs, the allowance shall be **10% on the first \$2,000 or portion thereof, and 5% on costs in excess of \$2,000.**

5) The first paragraph of Section 6-9 LIQUIDATED DAMAGES shall be replaced by the following:

Failure of the Contractor to complete the Work within the time allowed will result in damages being sustained by the Agency. Such damages are, and will continue to be, impracticable and extremely difficult to determine. For each consecutive calendar day in excess of the time specified for completion of the Work, as adjusted in accordance with 6-6, the Contractor shall pay to the Agency, or have withheld from monies due it, the sum of **Five Hundred Dollars (\$500.00).**

**1-03.3 STATE SPECIFICATIONS** - The words "State Specifications" when used in these specifications or in the contract refer to the "California Standard Specifications 2010 Edition", written by State of California Department of Transportation.

The State Specifications, May 2010 Edition, including all amendments thereto issued prior to date of the bid opening, shall be a part of these specifications, the same as though contained fully herein.

## SECTION 2

### SPECIAL PROVISIONS

#### 2-01 TIME OF COMPLETION AND LIQUIDATED DAMAGES

**2-01.1 TIME FOR COMPLETION** - The “on-call” paving spot repair work on this project (**Bid Item #s 1-7 inclusive**) shall proceed as described below. **The contractor may be supplied a list of locations for “on-call” spot repair at least once per month.** Locations will be on one of the streets/alleys shown on the “Street Name/Vicinity Map for On-Call Paving/Sidewalk Spot Repairs within COBH or WHO” included in **Appendix D**. Work shall start **within 7 calendar days** from the date of receipt of written notice to proceed from the City Engineer. All items on the list shall be completed within **21 calendar days** of the receipt of the notice to proceed. The Contractor and City Engineer agree that the entire “on-call” portion of the project will be completed within **365 calendar days** from the initial Notice to Proceed date.

The sidewalk and curb and gutter work on this project (**Bid Item #s 8-14 inclusive**) shall start **within 7 calendar days** from the date of receipt of written notice to proceed from the City Engineer and the Contractor agrees to complete the entire sidewalk/curb and gutter and driveway approach portion of the work within **200 calendar days** from the Notice to Proceed date. Locations will be on one of the **134** street segments shown on the “Street Name/Vicinity Map for Sidewalk and Curb and Gutter Work south of Santa Monica Boulevard North (SMBN)” included in **Appendix C**.

In case all the work called for is not completed in all parts and requirements within the time specified, the City shall have the right to grant or deny an extension of time for completion, as may best serve the interest of the City. The Contractor shall not be assessed with penalties during the delay in the completion of the work caused by acts of God or of the Public Enemy, acts of the State, fire not due to acts of contractors or subcontractors, floods, epidemics, quarantine, restrictions, strikes, freight embargo or unusually severe weather, or delays of subcontractors due to such causes provided that the Contractor shall, **within ten (10) calendar days** from the beginning of such delay, notify the City, in writing of the cause of the delay. The City will ascertain the facts and the extent of the delay, and the findings thereon shall be final and conclusive.

**2-01.2 LIQUIDATED DAMAGES** - Time is of the essence on this contract, and should the Contractor fail to finish the work on or before the time stated above, the Contractor shall be charged by the City, as liquidated and ascertained damages, the sum of **Five Hundred Dollars (\$500.00) for each calendar day** that the work remains incomplete beyond the dates specified (subject, however, to extensions of time duly granted in the manner and for the causes specified below), it being impracticable and extremely difficult to fix the actual damage which would or will be suffered in the event that the Contractor should fail fully to complete the work within the time specified, and it would be further agreed that the charges per day as aforementioned are reasonable and proper. The amount so charged shall be deducted by the City from any monies which otherwise be or become payable to the Contractor.

**2-02 PLANS AND SPECIFICATIONS** - The plans and specifications showing character of the work and details of construction are on file at the office of the **City Engineer, located in 345 Foothill Road, Beverly Hills, California.** The plans for this project are:

- (a) Street Name/Vicinity Map identifying **134 street segments** requiring Sidewalk, Curb and Gutter Removal and Replacement and Sidewalk Spot Repairs s/o SMBN (**Appendix C**)
- (b) Sidewalk/Curb and Gutter Removals/Spot Repair Summary Sheets for **Districts 1-8** Inclusive s/o SMBN identifying totals and types of repairs for each of **134** street segments (**Appendix B**)
- (c) Street Name/Vicinity Map for all **On-Call** Paving/Sidewalk Spot Repairs within COBH and WeHo (**Appendix D**)
- (d) City of Beverly Hills Standard Drawing No.s BH 104, 105, 106, 107, 113, 114, 712-718 inclusive (**Appendix A**)
- (e) Applicable Standard Plans and Specifications for Public Works Construction 205-2 and 206-2 (**Appendix A**)

Estimates of quantities appearing in these specifications, Notice to Bidders, and Proposal Form are merely entered for the convenience of the contractors bidding on this project. An independent check of the estimate in the field is required by the contractor **prior to** submitting its bid. It must be understood that payment to the successful contractor will be made on the basis of the unit prices bid for the various items of work and on the actual quantities of work done as measured in the field by the City Engineer.

Copies of the Specifications and Proposal Form may be inspected and obtained at the office of the City Engineer.

## **2-03 SPECIAL WORK REQUIREMENTS AND WORK SCHEDULE**

**2-03.1 SPECIAL WORK REQUIREMENTS** - All work shall be undertaken in conformance with the following special work requirements. Full compensation for conforming to all of the special work requirements shall be included in the bid prices for this contract, and no additional compensation will be made therefore:

- a) The Contractor is **prohibited** from working on the following days in City of Beverly Hills:

Monday	November 11, 2013
Thursday	November 28, 2013
Friday	November 29, 2013
Wednesday	December 25, 2013
Wednesday	January 1, 2014
Monday	January 20, 2014

Monday	April 14, 2014
Tuesday	April 15, 2014
Friday	April 18, 2014
Monday	April 21, 2014
Tuesday	April 22, 2014
Monday	May 26, 2014
Friday	July 4, 2014
Monday	September 1, 2014
Wednesday	September 24, 2014
Friday	October 3, 2014
Tuesday	November 11, 2014
Thursday	November 27, 2014
Friday	November 28, 2014
Thursday	December 25, 2014

- b) The Contractor is also prohibited from working on a) **all** streets and alleys within the business area identified as hatched; and b) **all** “Permit Moratorium Streets” identified in bold in the city’s “Holiday Permit Moratorium Area Map” (**Appendix E**) **between November 12, 2013 and January 10, 2014 and between November 12, 2014 and January 10, 2015.**
- c) The Contractor shall secure, protect and maintain the construction area on all of the dates referenced above.
- d) Trenches shall be backfilled with 150psi CLSM (controlled low strength slurry mixture).
- e) The Contractor is responsible for sweeping up loose gravel from temporary AC pavement and maintaining the work area in a clean condition at all times.
- f) All streets and alleys must be plated, cleaned up and ready for traffic at the end of each workday, unless otherwise allowed by the City Engineer.
- g) The Contractor shall furnish and install all necessary striping, markings and plastic reflective pavement markers (white or yellow) to provide temporary pavement striping, markers and markings while construction operations are underway. The temporary pavement markers shall be placed ten (10) feet on center. The temporary striping, markers and markings shall be maintained until the permanent striping and markings are applied. The work to furnish, install and maintain ALL temporary striping, markers and markings shall be included under the various items of work.
- h) The Contractor shall maintain the construction site during non-working hours in a clean and safe condition. The Contractor will replace any newly laid concrete that is damaged or scarred. The Contractor shall be available for immediate mitigation measures should the City Engineer decide that appropriate action is necessary during non-working hours.

- i) All excavated material shall be loaded into hauling vehicles as the material is excavated. See **Appendix F** for “COBH Approved Heavy Haul Truck Route Map”. Stockpiling of excavated material in the public right of way is not allowed.
- j) All Underground Service Alert (USA) markings have to be removed by the Contractor at the end of the construction project.
- k) Dirt and/or debris not removed by conventional sweeping will require washdown at the direction of the City Engineer. All runoff from washdown shall be vacuumed using a wet/dry vacuum truck. No runoff from washdown will be allowed to drain into the storm drain system.
- l) All dirt on construction vehicle tires shall be removed prior to leaving the construction area.
- m) Loose gravel shall be removed at the direction of the City Engineer (may require sweeping several times per day).
- n) At the Pre-Construction meeting; the City will require the Contractor to furnish a pager number and cellular phone number that will be furnished to residents with questions or complaints regarding the Contractor’s work. The Contractor should designate a public liaison person to handle all resident inquiries. The Contractor shall respond to residents’ inquiries within one hour of the call during normal working hours (8am to 6pm). When dealing with residents, common courtesy is required.
- o) The Contractor shall repair and replace all landscaped areas damaged by construction activity **within 48 hours** to the satisfaction of the City Engineer. The Contractor shall re-sod lawns (with like materials) that have been damaged or removed using suitable topsoil. Plant material shall be replaced with like size and material.
- p) The Contractor shall clean and sweep all work areas by the end of each workday. No tree roots are to be trimmed/cut without prior **written approval** from the city’s arborist Ken Pfalzgraf: 310-678-2610). The Contractor shall remove all debris (including tree roots that have been approved for cutting by Arborist Pfalzgraf) by the end of each workday. The Contractor shall remove any barricades used to protect the construction site in a timely fashion. No open excavation will be permitted to extend into a weekend or holiday.
- q) The Contractor may encounter overgrown landscaping and bollards along walls and fences in alleys. The Contractor shall make every effort to protect existing improvements in place. Any damaged or removed landscaping or bollards shall be replaced in kind to the satisfaction of the City Engineer.
- r) Some residents may not be able to park in their driveways due to construction work that may be done adjacent to their residence. These residents will have to park on the street with special City-issued parking passes. It is critical that the Contractor notify the City Supervising Public Works Inspector Jeff Bartizal (310-285-2518) at least one week in advance of proceeding to the next scheduled project location (on a street by street basis) so that parking permits and construction notification letters can be issued to the residents.

- s) The Contractor will be responsible for delivering City prepared construction notification letters to all residents or business owners affected by any of the contract work. The expected time between the delivery of the notification and the start of work is **seven to ten calendar days**. Special consideration should be paid to residents or business owners whose access will be affected by the work such that these people know exactly which day operations will start and end. It is imperative that the Contractor follow through on construction schedules that have been shared with city staff, residents and business owners. Changes to previously published information will necessitate the distribution of additional notices and could result in a delay in the work at no cost to the City.
- t) Prior to doing any on-call paving spot repair work the Contractor shall record the existing traffic striping and markings configuration. The Contractor shall also record the existing painted curbs and curb markings prior to doing and curb and gutter removal work.
- u) Reflective tape shall be used at the edges of all steel plates in sidewalk or crosswalk areas. The Contractor shall control his work so as to minimize the use of steel plates within sidewalk and crosswalk areas. Steel Plates are to be installed according to City Standard Plan BH-113.
- v) The Contractor shall provide access to all fire hydrants, water valves, vaults, meters and pull boxes at all times. Traffic signals, pedestrian signals, crosswalks and stop signs shall remain unobstructed at all times.
- w) The Contractor shall provide delineation, barricades, electronic message boards and necessary signs for partial street closures, as directed by the City Engineer. The City Engineer shall provide appropriate wording for the signs.
- x) The Contractor may encounter existing slurry backfill. The Contractor is not entitled to any additional compensation as a result of encountering slurry backfill.
- y) Thermoplastic striping and markings shall be used and may be applied on the same day as the paving operations. Raised pavement markers shall be applied one week after paving operation.
- z) Not used.
- aa) The Contractor shall schedule the work in such a manner that no construction vehicle shall traverse any newly laid street pavement.
- bb) The Contractor shall be prepared to modify haul routes and staging areas to respond to changing conditions as directed by the City Engineer. The Contractor shall ensure that all hauling vehicles be radio dispatched to facilitate changes in the hauling cycle. See COBH-approved heavy haul truck route map (**Appendix F**)
- cc) Not used.
- dd) All vehicles used for construction work shall have a company emblem on the door.

**2-03.2 WORK SCHEDULE** - The Normal Work Schedule for all “on-call” contract work (**Bid Item #s 1-7 inclusive**) may be during the day between the hours of 8:00 a.m. and 6:00 p.m., Monday through Friday or at night between the hours of 10:00 pm and 5:00 a.m., Monday through Sunday (in non-residential areas), or on weekends (Saturday and Sunday) between the hours of 9:00 am and 6:00 p.m. (on heavily traveled streets) except on those days listed in *Section 2-03.1 a) and b)*.

The Normal Work Schedule for all sidewalk, curb and gutter and driveway approach spot repair contract work (**Bid Item #s 8-12 inclusive**) shall be between the hours of 8:00 a.m. and 6:00 p.m., Monday through Friday, except on those days listed in *Section 2-03.1 a) and b)*. There shall be no work outside the normal work hours unless approved by the City Engineer.

## **2-04 TRAFFIC CONTROL**

**2-04.1 NOTIFICATION** - The Contractor shall notify the following City Departments **24 hours prior** to the start of work at any location, and **24 hours prior** to the partial closing of a street or alley within the City of Beverly Hills or West Hollywood.

### **BEVERLY HILLS PUBLIC WORKS DEPARTMENT**

Notify Jeff Bartizal, Supervising Public Works Inspector (310.285.2518)

### **BEVERLY HILLS POLICE DEPARTMENT**

Notify Traffic Division (310.285.2196)

### **BEVERLY HILLS FIRE DEPARTMENT**

Notify Dispatcher’s Office (310.550.4951)

### **BEVERLY HILLS SANITATION DEPARTMENT**

Notify James Burnley, Superintendent (310.285.2475)

### **WEST HOLLYWOOD PUBLIC WORKS DEPARTMENT**

Notify Public Works Inspector (310.848.6379)

The City will furnish to the Contractor "TOW AWAY NO STOPPING" signs. The Contractor will be responsible for posting signs **72-hours** in advance of the work and removing these signs as required for this project. Signs must have exact work days and hours indicated on them for each location and cannot be general. Signs also need to indicate the Project’s Permit Number.

**2-04.2 PARKING AND ACCESS TO RESIDENTS’ DRIVEWAYS** - The Contractor shall comply with the requirements of *Paragraph 5-07* of the Standard Contractual Requirements with reference to the need of minimizing the inconvenience caused to residents.

**2-04.3 CONSTRUCTION SIGNS** - All signs used by the Contractor shall conform to the standards of the "Manual of Traffic Controls", issued by the Department of Transportation, State of California, current edition. All warning, regulatory and construction signs shall be fully reflectorized. The traffic cones to be used shall be 18 inches in height, rubber, or plastic and be reflectorized.

**2-04.4 CONTRACTOR'S RESPONSIBILITY** - The Contractor shall take all necessary measures to obtain a normal flow of traffic to prevent accidents and to protect the work throughout the construction stages until completion of the work. The Contractor shall make the necessary arrangements to provide and maintain barriers, cones, guards, barricades, and construction warnings and regulatory signs. The Contractor shall take measures necessary to protect all other portions of the work during construction and until completion, providing and maintaining all necessary barriers, barricade lights, guards, temporary crossovers and watchmen.

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

**2-04.5 FLASHING ARROW SIGNS** - The Contractor shall furnish and maintain solar-powered flashing arrow signs (FAS) during lane closures on arterial streets. The City Engineer shall determine when FAS is required at any location. The cost of these signs shall be included in the unit prices bid for the particular items of work where such signs may be required.

**2-04.6 PAYMENT** - The entire cost for traffic control as detailed in this section and as required for this construction shall be included in all applicable Bid Items.

## **2-05 UTILITIES**

**2-05.1 CONTRACTOR'S RESPONSIBILITY** - The Contractor shall verify the location of all underground utilities and services before proceeding with excavation work, requesting in advance the services of inspectors from the utility companies in order to ascertain said locations. Damage to underground utilities resulting from neglect on the part of the Contractor shall be corrected and paid for by the Contractor.

**2-05.2 NOTIFICATION** - The Contractor shall notify all owners of public utilities 48 hours in advance of excavating around any of their substructures, and shall also provide the same notice to Underground Service Alert of Southern California, **Tel. No. 1-800-227-2600**.

**2-05.3 INTERFERENCE (UTILITIES IN USE)** - Utilities which are found, by exploratory location or by excavation, to interfere with the construction of this project will be relocated, altered, or reconstructed by others, or the City Engineer may order changes in location, line or grade of the project structure, to be built or being built in order to avoid said utility. The cost of such changes will be paid for as described in *Section 2-08* of these Specifications.

**2-05.4 INTERFERENCE (ABANDONED UTILITIES)** - Abandoned utilities which interfere with the construction of any portion of this project may be cut by the Contractor, the interfering portion of the utility removed and open ends of the pipe sealed with a suitable plug or cap. The cost of this work shall be included in the unit prices bid for the particular items of work where such interference occurs unless otherwise specified.

**2-06 BUSINESS LICENSE** - The contractor is required to have a current City of Beverly Hills business license issued through the City of Beverly Hills Building & Safety and/or Finance Administration Departments. To obtain a business tax registration form, please call (310) 285-2424, or visit the one-stop permit center on the first floor of Beverly Hills City Hall located at 455 North Rexford Drive, Beverly Hills, 90210.

## **2-07 PERMITS**

**2-07.1** - Prior to the commencement of work, the Contractor shall obtain a construction permit at no cost from the City Engineer, located at 345 Foothill Road. Prior to the commencement of work in the City of West Hollywood (WWho), the Contractor shall obtain an encroachment permit at no cost from the Public Works Department, located at 8300 Santa Monica Boulevard. The permit shall be kept in a readily available place on the job site at all times during construction. While no fee will be charged for the permit, no permit will be issued unless the Contractor provides a code reference number from U.S.A. confirming they have received appropriate advance notification as required in *Section 2-05.2* above and provides evidence of a current copy of Beverly Hills Business License.

**2.07.2** - The Contractor shall obtain a no-fee **after-hours permit** from the City of Beverly Hills One Stop Permit Center, 455 N. Rexford Drive, for construction operations to be performed during after hours or weekend work hours within City of Beverly Hills (anytime other than 8:00 a.m. to 6:00 p.m. Monday through Friday). *There will be no charge for this permit.*

**2-08 ADDITIONAL WORK AND EXTRA WORK** - The City reserves the right to order additional work over and above the quantities listed in the Proposal Form. In the event that additional work is required and is so ordered by the City Engineer, payment to the Contractor will be based on the actual quantity of additional work ordered and measured in the field by the City Engineer and will be paid for at the unit price bid by the Contractor. Likewise, the City reserves the right to order extra work not shown on the plans and not listed in the Proposal Form. Whenever extra work is found to be necessary, the procedure described in *Paragraph 5-11* of the Standard Contractual Requirements shall be followed.

**2-09 PAYMENT** - Contractor shall be paid for work in accordance with the unit prices shown on the schedule of unit prices in the proposal form.

Upon completion of the assigned work by Contractor and acceptance of the work by the City Engineer, the Contractor shall submit an invoice for said work based on mutually agreed quantities. Invoices are processed by the city every **Tuesday**.

The payment will be made on the basis of the amount of mutually agreed work completed less **five (5) percent retention**.

The final payment will be made at least **thirty-five (35) days** after acceptance of the work by the City Council.

The Contractor's invoice format shall be subject to approval by the City Engineer. Each request for payment must show the work, by Bid Item, completed at each location. The invoice shall contain separate subtotals of cost by location and by Bid Item.

**2-10 SAFETY REGULATIONS** - The Contractor shall comply with the requirements set forth in *Section 7-10.4* of the Standard Specifications.

## **2-11 RECYCLING OF MATERIALS AND NON-STORMWATER DISCHARGES**

**2-11.1 RECYCLING OF MATERIALS** - The Contractor is expected to recycle all materials removed from the job site. See *Section 3-01*.

**2-11.2 DISCHARGES INTO STORM DRAIN SYSTEM** - Storm water/urban runoff discharges to the public storm drainage system shall be prohibited for all discharges not wholly comprised of storm water, or permitted by a valid National Pollution Discharge Elimination System (NPDES) permit issued by the California Regional Water Quality Control Board. "Storm drain system" includes all roads with drainage systems, municipal streets, catch basins, curbs, gutter, ditches, man-made channels, or storm drains. The Contractor shall prevent all non-storm water discharges from the construction site (i.e. mixing and cleaning of construction materials, concrete washout, disposal of paints, adhesives, solvents, and landscape products).

**2-12 ITEMS OF WORK** – The work associated with and included in the price for each Bid Item is specifically described in this section.

Many types of work will require cleanup and repair of adjacent property/improvements after the work is completed, including related tasks such as slot paving, lawn re-sodding or reseeded or regrading, sprinkler repair/replacement, curb painting, etc. All costs for these related tasks shall be included in the bid prices for the associated work, and no extra payment for these related tasks will be allowed. Further, the associated work will not be considered complete until the related tasks are completed, and no payment will be made for the associated work until the related tasks have been completed.

**ITEM 1. ON-CALL ASPHALT PAVEMENT SPOT REPAIRS FULL DEPTH – 6" AC ON 4" MIN. CRUSHED AGGREGATE BASE** - The unit price bid per square foot of asphalt pavement shall include all the work involved in the following and will be at the locations identified on monthly on-call list provided by city's Supervising Public Works Inspector or City's Project Manager (See *Section 2-01.1*) and on the streets/alleys shown on the "Street Name/Vicinity Map for **On-Call** Paving/Sidewalk Spot Repairs within cities of Beverly Hills and West Hollywood" included in **Appendix D:**

- a. Traffic Control set-up to protect the worksite and the public in conformance with the MUTCD and/or Work Area Traffic Control Handbook (WATCH).
- b. Sawcutting, breaking, removal, haul off, and disposal of existing AC pavement, soil, tree roots etc. All AC pavement shall be sawcut prior to removal. The city's Project Manager/Supervising Public Works Inspector shall locate and provide exact limits in the field.

- c. Furnishing and placing of AC paving material over compacted soil or crushed aggregate base or 150psi CLSM (controlled low strength slurry mixture).
- d. The Contractor shall protect existing manhole frames, water valve box covers, water meter boxes, street lights, traffic signals, ornamental light conduits, irrigation lines and curb drains. Repairs to damaged irrigation lines and/or sprinkler heads shall be made **within 48 hours**.

**ITEM 2.      *SIDEWALK SPOT REPAIRS – REMOVE AND REPLACE*** (Related To “On-Call Pavement Spot Repairs”) – The unit price bid per square foot shall include all the work involved in the following and will be at the locations identified on monthly on-call list provided by City’s Supervising Public Works Inspector or City’s Project Manager (See Section 2-01.1).

- a. Traffic Control set-up to protect the worksite and the public in conformance with the MUTCD and/or Work Area Traffic Control Handbook (WATCH).
- b. Saw cutting, breaking, removal and haul away of existing concrete sidewalk or temporary paving. The City’s Project Manager/Supervising Public Works Inspector shall locate and provide exact limits for these items in the field.
- c. Removal and haul away of interfering tree and groundcover roots under the supervision of the City’s arborist Ken Pfalzgraf: 310-678-2610. No tree roots are to be trimmed/cut without prior **written approval** from the City’s arborist Ken Pfalzgraf: 310-678-2610. Should any trees require complete removal; this will be undertaken by Mr Pfalzgraf’s contract forces and all co-ordination will be done by City’s Project Manager/Supervising Public Works Inspector.
- d. Protection of existing utility infrastructure, conduits, landscape planting and irrigation systems. Repairs to damaged irrigation lines or sprinkler heads shall be made **within 48 hours**.
- e. Constructing 4” thick PCC sidewalk on 4” CMB to match existing color and texture in accordance with City of Beverly Hills Standard Plans BH – 104 and 105 of these specifications.
- f. Finish grading of the soil adjacent to new sidewalk and areas disturbed during construction operations if excavation was required. Parkway fill materials shall be Class A topsoil. Repair lawn areas that may have been damaged with suitable top soil and reseeded.

**ITEM 3.      *REMOVE AND REPLACE, CURB AND GUTTER W/ 24” CURB AND GUTTER*** (Related to “On-Call Pavement Spot Repairs”) – The unit price bid per lineal foot shall include the cost of all the work involved in the following and will be at the locations identified on monthly on-call list provided by City’s Supervising Public Works Inspector or City’s Project Manager (See Section 2-01.1):

- a. Traffic Control set-up to protect the worksite and the public in conformance with the MUTCD and/or Work Area Traffic Control Handbook (WATCH).

- b. Saw cutting, breaking, removal, haul-off, and disposal of existing concrete curb and gutter, asphalt overlays that may exist in the gutter and adjacent PCC or AC pavement and base. This item will include isolated removals of various lengths typically between 2.5-20 feet as identified in the field by the City's Project Manager/Supervising Public Works Inspector.
- c. Removal and haul away of interfering tree and groundcover roots under the supervision of the City's arborist Ken Pfalzgraf: 310-678-2610. No tree roots are to be trimmed/cut without prior **written approval** from the City's arborist Ken Pfalzgraf: 310-678-2610. Should any trees require complete removal; this will be undertaken by Mr Pfalzgraf's contract forces and all co-ordination will be done by City's Project Manager/Supervising Public Works Inspector.
- d. Protection of existing utility infrastructure, conduits, landscape planting and irrigation systems. Repairs to damaged irrigation lines or sprinkler heads shall be made **within 48 hours**.
- e. Constructing integral concrete curb and gutter to match existing color and texture in accordance with City of Beverly Hills Standard BH-104, 106 and 107. Curb face can vary between 6" and 10" – averaging 8". Gutters are generally 18" but can be wider at some intersections.
- f. Constructing adjacent PCC or AC paving ("slot" paving) over compacted soil or crushed aggregate base or 150psi CLSM (controlled low strength slurry mixture).
- g. Finish grading of the soil adjacent to new curb and gutter and areas disturbed during construction operations if excavation was required. Parkway fill materials shall be Class A topsoil. Repair lawn areas that may have been damaged with suitable top soil and reseeding.

**ITEM 4. ON-CALL CONCRETE PAVEMENT SPOT REPAIRS FULL DEPTH – 6" CONCRETE ON 4" MIN. CRUSHED AGGREGATE BASE** - The unit price bid per square foot of concrete pavement shall include the cost for all the work involved in the following and will be at the locations identified on monthly on-call list provided by City's Supervising Public Works Inspector or City's Project Manager (See Section 2-01.1):

- a. Traffic Control set-up to protect the worksite and the public in conformance with the MUTCD and/or Work Area Traffic Control Handbook (WATCH).
- b. Saw cutting, breaking, removal, haul away and disposal of existing concrete or asphalt street repairs at locations identified by City's Project Manager/Supervising Public Works Inspector.
- c. The work shall include the furnishing and placement of Portland Cement Concrete (PCC) over compacted crushed aggregate base or CLSM (controlled low strength slurry mixture).
- d. Concrete Design Mix. All concrete shall be 520-C-3250 concrete in accordance with Subsection 201-1.1.2 of the Standard Specifications. Design mix shall be approved by the City Engineer prior to purchase or placing of concrete.

- e. Reinforcement and connector bars shall be provided whenever and wherever specified and in accordance with City of Beverly Hills Standard Plans BH-114 and the Standard Specifications. Grade 60 reinforcing steel shall be used unless specified otherwise.
- f. Finishing: Concrete shall be distributed uniformly between forms or saw cut joints as soon as placed, struck off and tamped. After tamping, surface shall be floated and finished. Finish shall match existing concrete as closely as practical. Work surface shall be free of any unevenness greater than 1/8-inch when checked with a 10' straightedge or string line.
- g. The contractor shall protect the new concrete for sufficient time to avoid vandalism or traffic damage to the surface. Contractor shall use steel traffic plates (BH-113) to protect fresh concrete if left overnight along with appropriate and safe traffic control devices.
- h. PCC paving shall be done in accordance with subsections 300.1.3.2(b) and 302-6 of the Standard Specifications for Public Works.

**ITEMS 5. ADJUST WATER VALVE BOX COVER TO GRADE** (Related to “On-Call Pavement Spot Repairs) - The unit price bid per each water valve box cover shall include the cost for all the work involved in adjusting the water valve sleeve and cover to finish grade during the AC Paving or PCC paving or when the paving is completed, in accordance with **BH-707** and will be at the locations identified on monthly on-call list provided by City’s Supervising Public Works Inspector or City’s Project Manager (See Section 2-01.1). Other non-city owned utility structures shall be set to grade by the respective utility provider owner upon notice by the contractor and coordinated with the City’s Project Manager/Supervising Public Works Inspector.

**ITEM 6. ADJUST WATER METER BOX TO GRADE** (Related to “On-Call Pavement Spot Repairs) – The unit price bid per each water meter box shall include the cost for all work involved in replacing the existing water meter box and adjusting it to finish grade and shall include all materials and work to complete the job of final grade setting before paving or concrete placement. The City of Beverly Hills Water Division will provide the replacement water meter boxes or vaults as necessary. Placement of water infrastructure is addressed in City’s Standard Plans BH-712 to 718 (See **Appendix A**).

**ITEM 7. ADJUST CITY-OWNED SEWER/STORMDRAIN MANHOLE (PRECAST AND BRICK) FRAME COVER TO GRADE** (Related to “On-Call Pavement Spot Repairs) – The unit price bid per each sewer/stormdrain manhole cover shall include the cost for all work and materials involved in adjusting each manhole (precast or brick) frame and cover to finished pavement grade either before or after the asphalt concrete or precast concrete repaving is completed. The City of Beverly Hills Wastewater Division will provide the replacement manhole covers as necessary. Adjustment of manholes and structures shall be in accordance with Section 3-10 and 3-11 of these specifications and in accordance with APWA Standard Plan No.s 205-2 and 206-2 (See **Appendix A**).

The work of setting to new grade the tops of manholes or other structures belonging to public utility companies will be done by said companies. The Contractor shall coordinate the manhole adjustments with the appropriate utility and shall be responsible for all costs associated with

coordinating with the utility owner and for having the utility owner adjust the manhole frame and cover to grade.

The utility companies shall be notified by the Contractor within **48 hours after paving** as to locations, size and/or description of structure involved.

**ITEM 8 . REMOVE AND REPLACE, CURB AND GUTTER W/ 24" CURB AND GUTTER –**  
The unit price bid per lineal foot shall include the cost of all the work involved in the following and will be at the **682** locations identified on the "Sidewalk/Curb and Gutter Removals/Spot Repair Summary Sheets for Districts 1-8 inclusive south of Santa Monica Boulevard North (SMBN)" included in **Appendix B** and on the **134** street segments shown on the "Street Name/Vicinity Map for Sidewalk and Curb and Gutter Work south of Santa Monica Boulevard North (SMBN)" included in **Appendix C**:

- a. Traffic Control set-up to protect the worksite and the public in conformance with the MUTCD and/or Work Area Traffic Control Handbook (WATCH).
- b. Saw cutting, breaking, removal, haul-off, and disposal of existing concrete curb and gutter, asphalt overlays that may exist in the gutter and adjacent PCC or AC pavement and base. This item will include isolated removals of various lengths typically between 2.5-20 feet as identified in the field by the city's Project Manager/Supervising Public Works Inspector.
- c. Removal and haul away of interfering tree and groundcover roots under the supervision of the City's arborist Ken Pfalzgraf: 310-678-2610. No tree roots are to be trimmed/cut without prior **written approval** from the City's arborist Ken Pfalzgraf: 310-678-2610. Should any trees require complete removal; this will be undertaken by Mr Pfalzgraf's contract forces and all co-ordination will be done by City's Project Manager/Supervising Public Works Inspector.
- d. Protection of existing utility infrastructure, conduits, landscape planting and irrigation systems. Repairs to damaged irrigation lines or sprinkler heads shall be made **within 48 hours**.
- e. Constructing integral concrete curb and gutter to match existing color and texture in accordance with City of Beverly Hills Standard BH-104, 106 and 107. Curb face can vary between 6" and 10" – averaging 8". Gutters are generally 18" but can be wider at some intersections.
- f. Constructing adjacent PCC or AC paving ("slot" paving) over compacted soil or crushed aggregate base or 150psi CLSM (controlled low strength slurry mixture).
- g. Finish grading of the soil adjacent to new curb and gutter and areas disturbed during construction operations if excavation was required. Parkway fill materials shall be Class A topsoil. Repair lawn areas that may have been damaged with suitable top soil and reseeding.

**ITEM 9. REMOVE AND REPLACE SIDEWALK** – The unit price bid per square foot shall include all the work involved in the following and will be at the **605** locations identified on the “Sidewalk/Curb and Gutter Removals/Spot Repair Summary Sheets for Districts 1-8 inclusive south of Santa Monica Boulevard North (SMBN)” included in **Appendix B** and on the **134** street segments shown on the “Street Name/Vicinity Map for Sidewalk and Curb and Gutter Work south of Santa Monica Boulevard North (SMBN)” included in **Appendix C**:

- a. Traffic Control set-up to protect the worksite and the public in conformance with the MUTCD and/or Work Area Traffic Control Handbook (WATCH).
- b. Saw cutting, breaking, removal and haul away of existing concrete sidewalk. The City’s Project Manager/Supervising Public Works Inspector shall locate and provide exact limits for these items in the field.
- c. Removal and haul away of interfering tree and groundcover roots under the supervision of the City’s arborist Ken Pfalzgraf: 310-678-2610. No tree roots are to be trimmed/cut without prior **written approval** from the City’s arborist Ken Pfalzgraf: 310-678-2610. Should any trees require complete removal; this will be undertaken by Mr. Pfalzgraf’s contract forces and all co-ordination will be done by city’s Project Manager/Supervising Public Works Inspector .
- d. Protection of existing utility infrastructure, conduits, landscape planting and irrigation systems. Repairs to damaged irrigation lines or sprinkler heads shall be made **within 48 hours**.
- e. Constructing 4” thick PCC sidewalk on 4” CMB to match existing color and texture in accordance with City of Beverly Hills Standard Plans BH – 104 and 105 of these specifications.
- f. Finish grading of the soil adjacent to new sidewalk and areas disturbed during construction operations if excavation was required. Parkway fill materials shall be Class A topsoil. Repair lawn areas that may have been damaged with suitable top soil and reseeding.

**ITEM 10. REMOVE AND REPLACE RESIDENTIAL DRIVEWAY APPROACH** – The unit price bid per square foot shall include all the work involved in the following for Districts 1-8 inclusive south of Santa Monica Boulevard North (SMBN)” included on the **134** street segments shown on the “Street Name/Vicinity Map for Sidewalk and Curb and Gutter Work south of Santa Monica Boulevard North (SMBN)” included in **Appendix C**:

- a. Finish grading of the soil adjacent to new driveway approach and areas disturbed during construction operations if excavation was required. Parkway fill materials shall be Class A topsoil. Repair lawn areas that may have been damaged with suitable top soil and reseeding.
- b. Traffic Control set-up to protect the worksite and the public in conformance with the MUTCD and/or Work Area Traffic Control Handbook (WATCH).

- c. Saw cutting, breaking, removal and haul away of existing concrete or temporary paving. The City's Project Manager/Supervising Public Works Inspector shall locate and provide exact limits for these items in the field.
- d. Removal and haul away of interfering tree and groundcover roots under the supervision of the City's arborist Ken Pfalzgraf: 310-678-2610. No tree roots are to be trimmed/cut without prior **written approval** from the City's arborist Ken Pfalzgraf: 310-678-2610. Should any trees require complete removal; this will be undertaken by Mr. Pfalzgraf's contract forces and all co-ordination will be done by City's Project Manager/Supervising Public Works Inspector.
- e. Protection of existing utility infrastructure, conduits, landscape planting and irrigation systems. Repairs to damaged irrigation lines or sprinkler heads shall be made **within 48 hours**.
- f. Constructing 6" thick PCC driveway approach on 6" CMB to match existing color and texture in accordance with City of Beverly Hills Standard Plans BH – 101 of these specifications.
- g. Constructing adjacent PCC or AC paving ("slot" paving) over compacted soil or crushed aggregate base or 150psi CLSM (controlled low strength slurry mixture), as necessary.
- h. Finish grading of the soil adjacent to new driveway approach and areas disturbed during construction operations if excavation was required. Parkway fill materials shall be Class A topsoil. Repair lawn areas that may have been damaged with suitable top soil and reseeding.

**ITEM 11. REMOVE AND REPLACE NON-RESIDENTIAL DRIVEWAY APPROACH** – The unit price bid per square foot shall include all the work involved for Districts 1-8 inclusive south of Santa Monica Boulevard North (SMBN)" included on the **134** street segments shown on the "Street Name/Vicinity Map for Sidewalk and Curb and Gutter Work south of Santa Monica Boulevard North (SMBN)" included in **Appendix C**.

- a. Traffic Control set-up to protect the worksite and the public in conformance with the MUTCD and/or Work Area Traffic Control Handbook (WATCH).
- b. Saw cutting, breaking, removal and haul away of existing concrete or temporary paving. The City's Project Manager/Supervising Public Works Inspector shall locate and provide exact limits for these items in the field.
- c. Removal and haul away of interfering tree and groundcover roots under the supervision of the City's arborist Ken Pfalzgraf: 310-678-2610. No tree roots are to be trimmed/cut without prior **written approval** from the City's arborist Ken Pfalzgraf: 310-678-2610. Should any trees require complete removal; this will be undertaken by Mr. Pfalzgraf's contract forces and all co-ordination will be done by City's Project Manager/Supervising Public Works Inspector .

- d. Protection of existing utility infrastructure, conduits, landscape planting and irrigation systems. Repairs to damaged irrigation lines or sprinkler heads shall be made **within 48 hours**.
- e. Constructing 8" thick PCC driveway approach on 6" CMB to match existing color and texture in accordance with City of Beverly Hills Standard Plans BH – 102 of these specifications.
- f. Constructing adjacent PCC or AC paving ("slot" paving) over compacted soil or crushed aggregate base or 150psi CLSM (controlled low strength slurry mixture), as necessary.
- g. Finish grading of the soil adjacent to new driveway approach and areas disturbed during construction operations if excavation was required. Parkway fill materials shall be Class A topsoil. Repair lawn areas that may have been damaged with suitable top soil and reseeding.

**ITEM 12. SIDEWALK SPOT REPAIR OF TRIP HAZARDS FROM ¼" up to ½"**– The unit price bid per each shall include all the work involved in the following and will be at the **2,987** locations identified on the "Sidewalk/Curb and Gutter Removals/Spot Repair Summary Sheets for Districts 1-8 inclusive south of Santa Monica Boulevard North (SMBN)" included in **Appendix B** and on the **134** street segments shown on the "Street Name/Vicinity Map for Sidewalk and Curb and Gutter Work south of Santa Monica Boulevard North (SMBN)" included in **Appendix C**:

- a. Traffic Control set-up to protect the worksite and the public in conformance with the MUTCD and/or Work Area Traffic Control Handbook (WATCH).
- b. Saw cutting, breaking, removal and haul away of existing concrete sidewalk. The City's Project Manager/Supervising Public Works Inspector shall locate and provide exact limits for these items in the field.
- c. Protection of existing utility infrastructure, conduits, landscape planting and irrigation systems. Repairs to damaged irrigation lines or sprinkler heads shall be made **within 48 hours**.
- d. Finish grading of the soil adjacent to new sidewalk and areas disturbed during construction operations if excavation was required. Parkway fill materials shall be Class A topsoil. Repair lawn areas that may have been damaged with suitable top soil and reseeding.
- e. Repair all sidewalk trip hazards from 1/4" up to 1/2" in designated work areas.
- f. Remove hazards completely, from one end of the raised sidewalk joint to the other (if applicable) leaving a zero point of differential between slabs.
- g. Do not use any type of "fill" material that deteriorates or breaks apart over time.
- h. Do not cause any damage to landscaping, retaining walls, curbs, sprinkler heads, utility covers or other objects adjacent to sidewalks. If your equipment does cause damage to any existing improvements, the City's Project Manager/Supervising Public Works Inspector must

be notified immediately and damages must be repaired at the CONTRACTOR's expense within 24 hours of the time the damage occurred.

- i. Completely and immediately clean up all debris after each trip hazard is repaired. All costs incurred for disposal of waste material shall be included in unit cost and not paid for separately.
- j. Each sidewalk trip hazard will be repaired without damage or visible markings to adjacent existing slab(s) or curb(s).
- k. Cut dry (**water-cooled cutting is not allowed**) with dust abatement mechanism.
- l. Submit to City's Project Manager/Supervising Public Works Inspector a detailed invoice weekly with an itemized summary of all repaired hazards which includes:
  - i. The specific hazard height – both high side and low side measurement – in **1/10ths of an inch**
  - ii. The specific hazard width
  - iii. The physical location (address) of each repair
- m. Specified repair slope (1:12 or based upon requirements outlined by the Americans with Disabilities Act; Title III, Regulation 28 CFR, Part 36, Sections 4.5.2 and 4.8.2) must be guaranteed. If defined slope is not achieved, CONTRACTOR must repair to specification at no additional charge within 24 hours of discovery.
- n. The removed trip hazard **must** have a guaranteed uniform appearance and texture. The finished surface shall have a guaranteed co-efficient of friction of **at least 0.6**.
- o. Method of trip hazard removal shall entail precise saw cutting performed with hand-held electric powered equipment, using a machined hub and flush mounted diamond tipped blades. The equipment must be capable of cutting at any angle and perform trip hazard removal in hard-to-reach areas, around obstacles, on narrow walkways, next to fences and retaining walls or buildings.
- p. Grinding or pulverization of the concrete is **NOT** acceptable or allowed.
- q. Trip hazard repairs shall **not** leave ridges or grooves that could hold water and prevent drainage of rain water or irrigation.
- r. Operations shall be scheduled so as to cause a minimum of interruption, interference or disturbance to the operation of stores, businesses, office buildings, hotels, churches, etc., access by pedestrians and emergency, delivery and service vehicles must be allowed **at all times**.
  - i. Sidewalk repair equipment and all other items incidental to the work shall **not** be left or stored on the sidewalk or on private property while not in use.

- s. Precautions shall be taken during saw cutting operations not to disfigure, scar, or impair the health of any tree on public or private property.
- t. A Safety Plan per the Standard Specifications or an Employee Safety Manual that is specific to the company must be provided to City's Project Manager/Supervising Public Works Inspector prior to the start of any repair work.
- u. Patent numbers for saw cutting equipment specifically used and designed for trip hazard removal on sidewalks must be provided to City's Project Manager/Supervising Public Works Inspector prior to the start of any repair work.
- v. Payment for Sidewalk Spot Repair of Trip Hazards will be as follows:
  - i. Measurements to the nearest 1/10<sup>th</sup> of an inch will be taken from the top of the cut to the bottom of the actual cut material after the cut has been completed.
  - ii. The average depth of cut will be multiplied by the length of cut (nearest 0.1 ft.) to determine the payment.
  - iii. Sample Calculation: The height of trip hazard varies from 1.0" on one side of a 4.0' wide section of sidewalk to 0.0" on the opposite side of the walk.

$$\text{Average depth} = (1.0'' + 0.0'') / 2 = 0.5''$$

$$\text{Measurement for Payment} = \text{Average depth} \times \text{Length} = 0.5'' \times 4.0' = 2.0 \text{ in.} - \text{ft.}$$

**ITEM 13. SIDEWALK SPOT REPAIR OF TRIP HAZARDS FROM 5/8" up to 1"**– The unit price bid per each shall include all the work involved in the following and will be at the **3,295** locations identified on the "Sidewalk/Curb and Gutter Removals/Spot Repair Summary Sheets for Districts 1-8 inclusive south of Santa Monica Boulevard North (SMBN)" included in **Appendix B** and on the **134** street segments shown on the "Street Name/Vicinity Map for Sidewalk and Curb and Gutter Work south of Santa Monica Boulevard North (SMBN)" included in **Appendix C**:

- a. Traffic Control set-up to protect the worksite and the public in conformance with the MUTCD and/or Work Area Traffic Control Handbook (WATCH).
- b. Saw cutting, breaking, removal and haul away of existing concrete sidewalk. The City's Project Manager/Supervising Public Works Inspector shall locate and provide exact limits for these items in the field.
- c. Protection of existing utility infrastructure, conduits, landscape planting and irrigation systems. Repairs to damaged irrigation lines or sprinkler heads shall be made **within 48 hours**.
- d. Finish grading of the soil adjacent to new sidewalk and areas disturbed during construction operations if excavation was required. Parkway fill materials shall be Class A topsoil. Repair lawn areas that may have been damaged with suitable top soil and reseeding.
- e. Repair all sidewalk trip hazards from 5/8" up to 1" in designated work areas.

- f. Remove hazards completely, from one end of the raised sidewalk joint to the other (if applicable) leaving a zero point of differential between slabs.
- g. Do not use any type of “fill” material that deteriorates or breaks apart over time.
- h. Do not cause any damage to landscaping, retaining walls, curbs, sprinkler heads, utility covers or other objects adjacent to sidewalks. If your equipment does cause damage to any existing improvements, the City’s Project Manager/Supervising Public Works Inspector must be notified immediately and damages must be repaired at the CONTRACTOR’s expense **within 24 hours of the time** the damage occurred.
- i. Completely and immediately clean up all debris after each trip hazard is repaired. All costs incurred for disposal of waste material shall be included in unit cost and not paid for separately.
- j. Each sidewalk trip hazard will be repaired without damage or visible markings to adjacent existing slab(s) or curb(s).
- k. Cut dry (**water-cooled cutting is not allowed**) with dust abatement mechanism.
- l. Submit to City’s Project Manager/Supervising Public Works Inspector a detailed invoice weekly with an itemized summary of all repaired hazards which includes:
  - i. The specific hazard height – both high side and low side measurement – in **1/10ths of an inch**
  - ii. The specific hazard width
  - iii. The physical location (address) of each repair
- m. Specified repair slope (1:12 or based upon requirements outlined by the Americans with Disabilities Act; Title III, Regulation 28 CFR, Part 36, Sections 4.5.2 and 4.8.2) must be guaranteed. If defined slope is not achieved, CONTRACTOR must repair to specification **at no additional charge within 24 hours of discovery.**
- n. The removed trip hazard **must** have a guaranteed uniform appearance and texture. The finished surface shall have a guaranteed co-efficient of friction of **at least 0.6.**
- o. Method of trip hazard removal shall entail precise saw cutting performed with hand-held electric powered equipment, using a machined hub and flush mounted diamond tipped blades. The equipment must be capable of cutting at any angle and perform trip hazard removal in hard-to-reach areas, around obstacles, on narrow walkways, next to fences and retaining walls or buildings.
- p. Grinding or pulverization of the concrete is **NOT** acceptable or allowed.
- q. Trip hazard repairs shall **not** leave ridges or grooves that could hold water and prevent drainage of rain water or irrigation.

- r. Operations shall be scheduled so as to cause a minimum of interruption, interference or disturbance to the operation of stores, businesses, office buildings, hotels, churches, etc., access by pedestrians and emergency, delivery and service vehicles must be allowed **at all times**.
  - i. Sidewalk repair equipment and all other items incidental to the work shall **not** be left or stored on the sidewalk or on private property while not in use.
- s. Precautions shall be taken during saw cutting operations not to disfigure, scar, or impair the health of any tree on public or private property.
- t. A Safety Plan per the Standard Specifications or an Employee Safety Manual that is specific to the company must be provided to City's Project Manager/Supervising Public Works Inspector prior to the start of any repair work.
- u. Patent numbers for saw cutting equipment specifically used and designed for trip hazard removal on sidewalks must be provided to City's Project Manager/Supervising Public Works Inspector prior to the start of any repair work.
- v. Payment for Sidewalk Spot Repair of Trip Hazards will be as follows:
  - i. Measurements to the nearest 1/10<sup>th</sup> of an inch will be taken from the top of the cut to the bottom of the actual cut material after the cut has been completed.
  - ii. The average depth of cut will be multiplied by the length of cut (nearest 0.1 ft.) to determine the payment.
  - iii. Sample Calculation: The height of trip hazard varies from 1.0" on one side of a 4.0' wide section of sidewalk to 0.0" on the opposite side of the walk.
 

Average depth = (1.0" + 0.0") / 2 = 0.5"

Measurement for Payment = Average depth x Length = 0.5" x 4.0' = 2.0 in.- ft.

**ITEM 14. SIDEWALK SPOT REPAIR OF TRIP HAZARDS FROM 1 1/8" up to 2 1/2"**— The unit price bid per each shall include all the work involved in the following and will be at the **1,227** locations identified on the "Sidewalk/Curb and Gutter Removals/Spot Repair Summary Sheets for Districts 1-8 inclusive south of Santa Monica Boulevard North (SMBN)" included in **Appendix B** and on the **134** street segments shown on the "Street Name/Vicinity Map for Sidewalk and Curb and Gutter Work south of Santa Monica Boulevard North (SMBN)" included in **Appendix C**:

- a. Traffic Control set-up to protect the worksite and the public in conformance with the MUTCD and/or Work Area Traffic Control Handbook (WATCH).
- b. Saw cutting, breaking, removal and haul away of existing concrete sidewalk. The City's Project Manager/Supervising Public Works Inspector shall locate and provide exact limits for these items in the field.

- c. Protection of existing utility infrastructure, conduits, landscape planting and irrigation systems. Repairs to damaged irrigation lines or sprinkler heads shall be made **within 48 hours**.
- d. Finish grading of the soil adjacent to new sidewalk and areas disturbed during construction operations if excavation was required. Parkway fill materials shall be Class A topsoil. Repair lawn areas that may have been damaged with suitable top soil and reseeding.
- e. Repair all sidewalk trip hazards from 1 1/8" up to 2 1/2 " in designated work areas.
- f. Remove hazards completely, from one end of the raised sidewalk joint to the other (if applicable) leaving a zero point of differential between slabs.
- g. Do not use any type of "fill" material that deteriorates or breaks apart over time.
- h. Do not cause any damage to landscaping, retaining walls, curbs, sprinkler heads, utility covers or other objects adjacent to sidewalks. If your equipment does cause damage to any existing improvements, the City's Project Manager/Supervising Public Works Inspector must be notified immediately and damages must be repaired at the CONTRACTOR's expense **within 24 hours of the time** the damage occurred.
- i. Completely and immediately clean up all debris after each trip hazard is repaired. All costs incurred for disposal of waste material shall be included in unit cost and not paid for separately.
- j. Each sidewalk trip hazard will be repaired without damage or visible markings to adjacent existing slab(s) or curb(s).
- k. Cut dry (**water-cooled cutting is not allowed**) with dust abatement mechanism.
- l. Submit to City's Project Manager/Supervising Public Works Inspector a detailed invoice weekly with an itemized summary of all repaired hazards which includes:
  - i. The specific hazard height – both high side and low side measurement – in **1/10ths of an inch**
  - ii. The specific hazard width
  - iii. The physical location (address) of each repair
- m. Specified repair slope (1:12 or based upon requirements outlined by the Americans with Disabilities Act; Title III, Regulation 28 CFR, Part 36, Sections 4.5.2 and 4.8.2) must be guaranteed. If defined slope is not achieved, CONTRACTOR must repair to specification at no additional charge within 24 hours of discovery.
- n. The removed trip hazard **must** have a guaranteed uniform appearance and texture. The finished surface shall have a guaranteed co-efficient of friction of **at least 0.6**.

- o. Method of trip hazard removal shall entail precise saw cutting performed with hand-held electric powered equipment, using a machined hub and flush mounted diamond tipped blades. The equipment must be capable of cutting at any angle and perform trip hazard removal in hard-to-reach areas, around obstacles, on narrow walkways, next to fences and retaining walls or buildings.
- p. Grinding or pulverization of the concrete is **NOT** acceptable or allowed.
- q. Trip hazard repairs shall **not** leave ridges or grooves that could hold water and prevent drainage of rain water or irrigation.
- r. Operations shall be scheduled so as to cause a minimum of interruption, interference or disturbance to the operation of stores, businesses, office buildings, hotels, churches, etc., access by pedestrians and emergency, delivery and service vehicles must be allowed **at all times**.
  - i. Sidewalk repair equipment and all other items incidental to the work shall **not** be left or stored on the sidewalk or on private property while not in use.
- s. Precautions shall be taken during saw cutting operations not to disfigure, scar, or impair the health of any tree on public or private property.
- t. A Safety Plan per the Standard Specifications or an Employee Safety Manual that is specific to the company must be provided to City's Project Manager/Supervising Public Works Inspector prior to the start of any repair work.
- u. Patent numbers for saw cutting equipment specifically used and designed for trip hazard removal on sidewalks must be provided to city's Project Manager/Supervising Public Works Inspector prior to the start of any repair work.
- v. Payment for Sidewalk Spot Repair of Trip Hazards will be as follows:
  - i. Measurements to the nearest 1/10<sup>th</sup> of an inch will be taken from the top of the cut to the bottom of the actual cut material after the cut has been completed.
  - ii. The average depth of cut will be multiplied by the length of cut (nearest 0.1 ft.) to determine the payment.
  - iii. Sample Calculation: The height of trip hazard varies from 1.0" on one side of a 4.0' wide section of sidewalk to 0.0" on the opposite side of the walk.
   
Average depth = (1.0" + 0.0") / 2 = 0.5"
   
Measurement for Payment = Average depth x Length = 0.5" x 4.0' = 2.0 in.- ft.

## SECTION 3

### CONSTRUCTION REQUIREMENTS AND MATERIALS

**3-01 REMOVAL AND DISPOSAL OF MATERIALS** - All materials removed must be hauled away from the project site and legally disposed of at a materials site located outside the City limits of Beverly Hills and West Hollywood. The Contractor shall provide the City all documentation as to the weight or volume of materials removed during excavations in accordance with the requirements of Public Resources Code Section 40000-40004. This documentation shall be in the form of certified tickets from a Concrete & Debris (C&D) processing facility or in the form of a certified log (by an officer of the company) showing dates of excavation and/or removal of concrete and/or asphalt materials, amounts (in weights for volumes) and the facility where the materials were recycled. In addition, the contractor shall supply a similar self-certified log accounting for all materials that were not recycled. The Contractor shall supply the logs to the City **prior to the approval of payment requests** covering the associated work.

Except as otherwise specifically authorized by the City Engineer, all self-propelled equipment used by the Contractor in excavation, breaking and removal operations for improvement work shall be equipped with rubber tires.

**3-02 AVOIDANCE OF DUST NUISANCE** - The Contractor shall take all necessary measures in order to avoid the nuisance of excessive dust resulting from the process of breaking, reconstructing and removing any materials on the project site. Such measures shall be employed for the duration of the contract work. Refer to *Section 7-8.1* of the Standard Specifications.

**3-03 STORAGE OF MATERIALS IN PUBLIC STREETS** - *Section 7-10.2* of the Standard Specifications is deleted and replaced by the following: "The Contractor shall not store construction materials, equipment or excavated material in the public right-of-way at any time without prior written permission from the City Engineer."

**3-04 UNTREATED BASE MATERIALS** - Crushed miscellaneous base materials shall comply with the requirements in *Section 200-2.4* of the Standard Specifications and shall be placed in accordance with the requirements of *Section 301-2* of the Standard Specifications.

**3-05 PORTLAND CEMENT CONCRETE (PCC) SPECIFICATIONS** - The Contractor shall comply with the requirements set forth in *Section 303-5* of the Standard Specifications for the construction of PCC improvements. The concrete material used for various types of improvements shall be as shown in the following table:

Type of Improvement	PCC Specification	Notes
Curb, gutter, sidewalk and curb ramp, driveway approaches, catch basin top slabs	Class 520 C 2500	1. Concrete shall contain 2% calcium chloride by weight.
Alley gutter, cross gutter, local depressions, alley approaches, integral curb and bus pads	Class 560 C 3250	1. Concrete shall contain 2% calcium chloride by weight, if requested by the City Engineer 2. Type III Cement (high early strength) shall be used. 3. Fiber mesh shall be added to the mix for integral curb and bus pads in accordance with the manufacturer's instructions.

**3-05.1 PCC Improvements** - PCC improvements shall be constructed in accordance with the following requirements:

- a) The City will mark the removal area at each location.
- b) Score lines shall match adjacent markings.

The Contractor will be responsible for all markings on newly laid concrete. The City Engineer may require removal and reconstruction of marked or damaged work.

### 3-06 TACK COAT APPLICATION

Streets or alleys that require tack coat application shall have the surface prepared as noted below.

A tack coat shall be applied over the roadway surface at the rate of 0.05 to 0.07 gallons per square yard prior to resurfacing. The tack coat shall be AR-8000 or equivalent hot tack emulsified asphalt complying with the requirements of *Section 203-3* of the Standard Specifications.

The pavement surface upon which the tack coat will be applied shall be free of dust, dirt or any foreign material. It shall not be applied at a time when winds are carrying sand or dust in the air or during any rainy or wet weather. Application shall be carried only far enough in advance of placing the resurfacing materials as ordered by the City Engineer.

### 3-07 ASPHALTIC CONCRETE PAVEMENTS

**3-07.1 MATERIAL** - Asphalt concrete to be placed shall conform to the requirements of *Section 203-6* of the Standard Specification. AC wearing surface course shall be Type D-2 mix, PG 64-10 or Type C-2, PG 64-16 ARHM (**See BH-114 Appendix A**). AC base course shall be Type B, PG 64-10. All asphalt shall be placed on a hot tack coated surface using an AR-8000 hot tack. All hot tack coated surfaces must be covered at end of each day's work.

**3-07.2** Not used.

**3-08** Not used.

**3-9 PERMANENT SURVEY MARKERS** – The following is in addition to the provisions of *Section 2-9.1* of the Greenbook:

The Contractor is required to locate and tie out survey monuments in the project area prior to construction involving street and highways, and to file with the County Surveyor a Corner Record of any such work. Prior to the issuance of a completion certificate, the Contractor is required to file a Corner Record for survey monumentation that is replaced. All such survey work shall be performed under the supervision of a California licensed Land Surveyor or a Civil Engineer authorized to perform such work.

The Contractor shall provide the City a copy of the office calculations and documents submitted to the County for filing in connection with the aforementioned work.

The payment for surveying, related professional services, office calculation, and furnishing all labor, materials, equipment, tools and incidentals, and for doing work involved shall be considered as included in the various items of work and no additional compensation will be allowed therefore.

**3-10 ADJUST MANHOLE TO GRADE** - Sewer and Storm Drain manhole covers shall be adjusted to finished roadway grade in accordance with the requirements of *Section 301-1.6 and 302-5.8* of the Standard Specifications after the roadway is resurfaced.

**3-11 ADJUST WATER VAULTS TO GRADE** - Water vault frames and covers shall be adjusted to finished roadway grade. The AC resurfacing material required shall be wearing surface course AC pavement in accordance with Section 3-07 of these specifications.

**3-12 MAINTAINING EXISTING AND TEMPORARY ELECTRICAL SYSTEMS** - All work, materials and equipment required to keep the existing systems operational shall be considered as included in the unit prices bid for the particular items of work where such electrical systems occur and no additional compensation will be allowed therefore.

Where the Contractor installed facilities are damaged prior to final acceptance by the City Engineer, the Contractor shall repair or replace such facilities at his own expense.

Traffic signal shut downs shall only be allowed with the **prior written approval** of the City Engineer. **CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL OFFICERS AS NECESSARY DURING ANY TRAFFIC SHUTDOWNS.** Full compensation for traffic control officers shall be included in the unit prices bid for the particular items of work where such traffic signal shut downs occur and no additional compensation will be allowed therefore

The Contractor shall place "FLAGGER AHEAD" signs to direct vehicle and pedestrian traffic through the intersection during traffic signal system shutdown.

"FLAGGER AHEAD" signs shall be furnished by the Contractor and shall conform to the provisions in *Section 12-3/06*, "Construction Area Signs," of the State Standard Specifications.

One "FLAGGER AHEAD" sign shall be placed for each direction of traffic. Location of the signs shall be as approved by the City Traffic Engineer.

Full compensation for furnishing, installing, maintaining and removing temporary "FLAGGER AHEAD" sign shall be included in the unit prices bid for the particular items of work where such traffic signal shut downs occur and no additional compensation will be allowed therefore

### 3-13 CHANGES IN WORK

**3-13.1 BASES FOR ESTABLISHING COSTS** - Work by Contractor. An allowance for overhead and profit shall be added to the Contractor's cost as determined under 3-3.2.2 and shall constitute the full and complete markup for all overhead and profit on extra work performed by the Contractor. The Contractor shall be compensated for the actual increase in the Contractor's bond premium caused by the extra work. For costs determined under each subsection in 3-3.2.2, the markup shall be:

- |                             |     |
|-----------------------------|-----|
| a) Labor                    | 20% |
| b) Materials                | 15% |
| c) Tools & Equipment Rental | 15% |
| d) Other Items              | 15% |

Work by Subcontractor. When any of the extra work is performed by a Subcontractor, the markup established in 3-3.2.3.1 shall be applied to the Subcontractor's costs as determined under 3-3.2.2. An allowance for the Contractor's overhead and profit shall be added to the sum of the Subcontractor's costs and markup and shall constitute the full and complete markup for all overhead and profit for the Contractor on work by the Subcontractor. For Contractor markup of Subcontractor's costs, the allowance shall be **10% on the first \$2,000 or portion thereof, and 5% on costs in excess of \$2,000.**

### 3-14 NON-THERMOPLASTIC TRAFFIC STRIPING AND PAVEMENT MARKINGS

**3-14.1 GENERAL** - Painted areas removed by the Contractor shall be repainted. The paint material shall comply with Section 214 of the Standard Specifications. The successful bidder shall supply to the City documentation that the paint materials utilized have been approved for the use specified. Paint shall be delivered to the work site in new, unopened, airtight containers, appropriately identified with the manufacturer's name, date of manufacture, type of paint, state specification number, and a lot or batch number. No paint shall be used until at least seven (7) days have elapsed from the date of manufacture.

Paint to be applied to a thickness of 8 mils (wet thickness).

**3-14.2 APPLICATION** - All paint shall be mixed and applied per manufacturer's written instructions. Surfaces shall be free of all foreign matter and loose or scaling paint by wire brushing, chipping, needle scaling, and hand or power sanding. Sandblasting will not be permitted.

**STANDARD CONTRACTUAL REQUIREMENTS**  
**FOR PUBLIC IMPROVEMENTS**  
**IN THE CITY OF BEVERLY HILLS CALIFORNIA**

**PART I**

**GENERAL PROVISIONS**

**1-01 APPLICABILITY** - Whenever these Standard Contractual Requirements are referred to in any proposal form, specifications, or contract for any work of public improvement proposed to be made by the City of Beverly Hills, they are made an integral part of all such documents pertaining to such work and are incorporated in each of such documents by reference as though set forth at length therein.

**1-02 DEFINITION OF TERMS** - The following terms, unless the context requires a different meaning, when used herein or in the proposal form, specifications, or the contract, shall have the following meanings:

**BIDDER** - Any individual, firm, partnership, corporation, or combination thereof, submitting a proposal for work contemplated.

**BIDDER'S SECURITY** - The cash, cashier's or certified check, or bidder's bond accompanying the proposal submitted by the bidder, as a guaranty that the bidder will enter into a contract with the City for the performance of the work if the contract is awarded to the bidder.

**CITY** - The City of Beverly Hills, California.

**CITY ATTORNEY** - The City Attorney of the City.

**CITY CLERK** - The City Clerk of the City.

**CITY ENGINEER** - The City Engineer of the City

**CITY COUNCIL** - The Council of the City of Beverly Hills.

**CODE** - The terms Business and Professions Code, Civil Code, Government Code, Labor Code, and Streets and Highways Code refer to codes of the State of California.

**CONTRACT DOCUMENTS** - The written agreement covering the performance of the work and the furnishing of labor, materials, tools, and equipment in the construction of the work. The contract shall include the notice to bidders, proposal, plans, specifications, these Standard Contractual Requirements, and contract bonds; also any and all supplemental agreements amending or extending the work contemplated and which may be required to complete the work in a substantial and acceptable manner.

**CONTRACTOR** - The person or persons, firm, partnership, corporation, or combination thereof, who have entered into a contract with the City, as party or parties of the second part.

**INSPECTOR** - The Inspector of the Department of Public Works of the City, authorized by the City Engineer to represent him in the field during the performance of the work.

**NOTICE TO BIDDERS** - The public advertisement through which the City invites bids for the performance of specific work.

**PLANS** - The official project drawings and Standard Drawings, profiles, cross sections, working drawings and supplemental drawings, or reproductions thereof, approved by the City Engineer, which show the location, character, dimensions, and details of the work to be performed.

**PROJECT DRAWINGS** - The project drawings are specific details and dimensions to the work and are supplemented by the Standard Drawings insofar as the same may apply.

**PROPOSAL OR BID** - The offer of the bidder for the work when made out and submitted on the prescribed proposal form, properly signed and guaranteed.

**PROPOSAL FORM** - The form furnished to prospective bidders by the City, for use by the bidder in preparing and submitting a bid.

**PUBLIC UTILITIES** - Railroad tracks, overhead or underground wires, pipe lines, conduit, ducts or structures owned, operated or maintained along or across a public right of way, including such installations owned by the Water Department, the Fire Department or the Police Department of the City, but excluding sewers, storm drains, street lighting systems and traffic signal systems owned by the City and operated or maintained by the Department of Public Works.

**PUBLIC WORKS DIRECTOR** - The Public Works Director of the City.

**REFERENCE SPECIFICATIONS** - Bulletins, standards, rules, methods of analysis or test, codes, and specifications of other agencies, engineering societies, or industrial associations referred to on the plans or in the specifications, copies of which are on file in the office of the City Engineer.

**ROADWAY** - That portion of a street or alley reserved for vehicular use.

**SPECIFICATIONS** - The project specifications prepared for the proposed work, and specifications included therein by reference, including standard specifications of other agencies, and any other specifications contained or referred to in supplemental agreements between the Contractor and the City.

**STANDARD DRAWINGS** - Plans of structures or devices adopted for work in the City and referred to on the plans or in the specifications by title or index number, or standard drawings or plans of other agencies which are referred to on the plans or in the specifications.

**STATE** - The State of California.

**STREET SUPERINTENDENT** - The City Engineer who has been authorized by the City Council to act in the capacity of Street Superintendent in the course of improvements carried under the proceedings of the Improvement Act of 1911, as amended, now a part of the Streets and Highways Code, as amended.

**SUBCONTRACTOR** - The person or persons, firm, partnership, corporation or combination thereof, who have entered into a contract with the Contractor to perform part of the work.

**SUBGRADE** - The surface to be used as a base for the pavement, gutter sidewalk, conduit, pipe, or structure proposed to be installed.

**SURETY** - Any individual, firm or corporation, bound with and for the Contractor for the acceptable performance, execution, and completion of the work, and for the satisfaction of all obligations incurred.

**WORK, PROJECT OR IMPROVEMENT** - All the work specified, indicated, shown or contemplated in the contract to construct the improvement including all alterations, amendments, or extensions thereto made by change order or other written orders of the City Engineer.

The meaning of any other word not mentioned herein shall be clarified by the City Engineer at the request of the Contractor, who shall accept the furnished interpretation as representing the true meaning of such word.

**1-03 ABBREVIATIONS** - Following is a list of the most common abbreviations and symbols used on the plans and in the specifications.

**ABBREVIATIONS**

**WORD or WORDS**

<b>AC</b>	Asphalt concrete
<b>ASTM</b>	American Society for Testing Materials
<b>BC</b>	Beginning of curve
<b>BCR</b>	Beginning of curb return
<b>BHW</b>	Beverly Hills Water Department
<b>BM</b>	Bench mark
<b>BVC</b>	Beginning of vertical curve
<b>CB</b>	Catch basin
<b>CC or C/C</b>	Center to center
<b>CF</b>	Curb face
<b>cfs</b>	Cubic feet per second
<b>CIP</b>	Cast iron pipe
<b>CL or C</b>	Center line
<b>CMP</b>	Corrugated metal pipe
<b>Conc.</b>	Concrete
<b>Cu.</b>	Cubic
<b>D</b>	Diameter of pipe
<b>Dia.</b>	Diameter
<b>Dr</b>	Drive
<b>DW&amp;P</b>	Los Angeles Department of Water & Power
<b>Dwy.</b>	Driveway
<b>EC</b>	End of curve
<b>ECR</b>	End of curb return
<b>EG</b>	Edge of gutter
<b>Elev.</b>	Elevation
<b>EVC</b>	End of vertical curve
<b>Ex or Exist.</b>	Existing
<b>FB</b>	Field Book
<b>FH</b>	Fire hydrant
<b>FL</b>	Flow line
<b>fps</b>	Feet per second
<b>FS</b>	Finished surface
<b>Ft.</b>	Foot or feet
<b>Galv.</b>	Galvanized
<b>GL</b>	Ground line
<b>Gr</b>	Grade
<b>H</b>	High or height
<b>HC</b>	House connection (sewer)
<b>Hor.</b>	Horizontal

**ABBREVIATIONS****WORD or WORDS**

<b>ID</b>	Inside diameter
<b>JC</b>	Junction chamber
<b>JS</b>	Junction structure
<b>L</b>	Length
<b>LACFCD</b>	Los Angeles County Flood Control District
<b>L&amp;T</b>	Lead and tack
<b>LD</b>	Local depression
<b>Lin.</b>	Linear
<b>Long.</b>	Longitudinal
<b>MH</b>	Manhole
<b>MTD</b>	Multiple tile duct
<b>MWD</b>	Metropolitan Water District
<b>No.</b>	Number
<b>OD</b>	Outside diameter
<b>OLC.</b>	Ornamental lighting conduit
<b>PCC</b>	Portland cement concrete or point of compound curvature
<b>PI</b>	Point of intersection
<b>PL</b>	Property line
<b>PP</b>	Power pole
<b>PRC</b>	Point of reverse curvature
<b>Prop.</b>	Proposed
<b>psi</b>	Pounds per square inch
<b>PT</b>	Point of tangency
<b>PT&amp;T</b>	Pacific Telephone & Telegraph Co.
<b>Pvmt.</b>	Pavement
<b>Q</b>	Rate of flow
<b>R</b>	Radius
<b>RC</b>	Reinforced concrete
<b>RCP</b>	Reinforced concrete pipe
<b>Rdwy</b>	Roadway
<b>R&amp;O</b>	Rock and oil
<b>R/W</b>	Right of way
<b>S</b>	Slope
<b>San.</b>	Sanitary
<b>SCE</b>	Southern California Edison Company
<b>SCG</b>	Southern California Gas Company
<b>SD</b>	Storm drain
<b>Spec.</b>	Specifications
<b>SPCo</b>	Southern Pacific Company
<b>Sq.</b>	Square
<b>SS</b>	Sanitary sewer

**ABBREVIATIONSWORD or WORDS**

<b>St.</b>	Street
<b>Sta.</b>	Station
<b>Std.</b>	Standard
<b>Str.Gr.</b>	Straight Grade
<b>T</b>	Tangent distance
<b>TC</b>	Top of curb
<b>TS</b>	Traffic signal or transition structure
<b>TSC</b>	Traffic signal conduit
<b>USC&amp;GS</b>	United States Coast and Geodetic Survey
<b>USGS</b>	United States Geological Survey
<b>V</b>	Depth of catch basin
<b>v</b>	Velocity
<b>VC</b>	Vertical curve
<b>Vert.</b>	Vertical
<b>W</b>	Width
<b>WS</b>	Water surface or wearing surface
<b>Yd.</b>	Yard or yards

The meaning of any other symbol or abbreviation not shown on the preceding list and not clarified in the plans, specifications, or contract, shall be interpreted by the City Engineer at the request of the Contractor, who shall accept such interpretation as representing the true meaning thereof.

REV 10-30-80  
REV 10-12-88  
REV 07-17-90  
REV 03-13-91  
REV 04-22-03

## PART 2

### PROPOSAL REQUIREMENTS

**2-01 PROPOSAL FORMS** - All bids must be submitted on the proposal form attached to the specifications for a given project, and shall be delivered at the office of the City Clerk of Beverly Hills, located at 455 North Rexford Drive, Beverly Hills, California 90210.

All proposals must give the prices bid, both in written words and in figures, and must be signed by the bidder, who must state his/her address. If the proposal is made by an individual, his/her name, post office address, and telephone number must be given. If made by a firm or partnership, the proposal must show the name, post office address, and telephone number of each member of the firm or partnership must be shown. If made by a corporation, the proposal must show the name of the state under the laws of which the corporation was chartered, and the names, title and business addresses of the president, secretary and treasurer.

**2-02 REJECTION OF PROPOSALS CONTAINING ALTERATIONS, ERASURES OR IRREGULARITIES** - Proposals may be rejected by the City Council if they show any alterations of form, additions not called for, conditional or alternative bids, incomplete bids, erasures or irregularities of any kind. The City reserves the right to reject any or all bids, and to waive any informality or irregularity in any bid.

**2-03 BIDDER'S SECURITY** - Each bid submitted must be accompanied by cash, cashier's check, or certified check made payable to the City, or a bidder's bond in favor of the City, in the form set forth in Exhibit "A" attached hereto. Any of the foregoing types of bidder's security must be in an amount equal to at least ten percent (10%) of the total bid submitted by the bidder for the project. A bidder's bond shall be executed by a corporate surety acceptable to, and approved by, the City Attorney. A bid will not be considered unless one of the above-mentioned forms of bidder's security is enclosed with it.

**2-04 FORFEITURE OF THE BIDDER'S SECURITY** - If the successful bidder fails to execute the contract and furnish the necessary bonds and insurance within ten (10) days from the date of award of the contract, the bidder's security shall be forfeited to the City as liquidated damages.

**2-05 BONDING LETTER** - If cash, or cashier's check, or a certified check is furnished for the bid bond, a letter is required from a bonding company stating that in the event the contract is awarded to the bidder the bonding company will furnish, at the bidder's expense, the bonds required by Paragraph 2-11 hereof.

**2-06 WITHDRAWAL OF BIDS** - A bid may be withdrawn by a bidder prior to, but not after, the date and hour fixed for the opening of the bids, as said date and hour are specified in the Notice to Bidders.

**2-07 JURISDICTION OF THE CITY COUNCIL REGARDING BIDS** - All bids shall be under the jurisdiction of the City Council and subject to final acceptance or rejection until after the City Council has awarded the contract and said contract has been duly entered into with the successful bidder.

**2-08 DECISION AS TO WHICH CONTRACTOR IS THE LOWEST AND BEST BIDDER** - All bidders must submit with their proposal satisfactory evidence that they are capable of performing the work in accordance with the plans and specifications. The City Engineer may require any bidder bidding on any public improvement to submit experience records covering a three-year period. The City Council may reject the bid of any bidder who has been delinquent or unfaithful in the performance of any previous contract work. The decision of the City Council as to which bidder is considered the "lowest responsible bidder" will be based not only on the actual amount of the bid but also on the relative competence and experience of the bidders, with particular regard to the quality of performance of any work done by them for the City in the past, and such decision shall be final and binding upon all persons.

**2-09 AWARDS** - A decision with reference to the acceptance of bid and the award of a contract will be made by the City Council within sixty (60) days after the opening of bids.

**2-10 EXECUTION OF THE CONTRACT** - The contract, in the form set forth in Exhibit "C" attached hereto, shall be executed by the successful bidder, in accordance with the instructions set forth in Exhibit "B" attached hereto, and returned to the City for execution by the City, and shall be accompanied by the bonds required in Paragraph 2-11 hereof and the evidence of insurance required by Paragraph 3-12 hereof, all within ten (10) days after the bidder has received notice of the award of the contract. No bid or proposal shall be considered binding upon the City until such time as it has been executed by the City. The failure of the successful bidder to execute the contract and to submit acceptable bonds and evidence of insurance as, and within the time, required shall be cause for the annulment of the award and the forfeiture of the bidder's security.

**2-11 CONTRACT BONDS** - The successful bidder shall furnish to the City, at his own expense, two surety bonds. One bond shall be in the amount of One Hundred percent (100%) of the contract price, in the form set forth in Exhibit "D" attached hereto, to guarantee faithful performance of the contract work. The "Performance Bond" shall guarantee that all materials and workmanship will be free from original or developed defects. The "Performance Bond" must remain in effect until the end of all warranty periods set forth in the contract.

All work shall be guaranteed by the Contractor against defective workmanship and materials furnished by the Contractor for a period of one (1) year from the date the work was accepted. The Contractor shall replace or repair any such defective work in a manner satisfactory to the City Engineer, after notice to do so from the City Engineer, and within the time specified in the notice. If the Contractor fails to make such replacement or repairs within the time specified in the notice, the City may perform this work and the Contractor's sureties shall be liable for the cost thereof.

The other bond, in an amount not less than One Hundred percent (100%) of the contract price in the form set forth in Exhibit "E" attached hereto, shall be furnished as required by Section 2-4 of the latest edition of the "Standard Specifications for Public Works Construction", adopted by a Joint Cooperative Committee of the Southern California Chapter of the American Public Works Association and Southern California District of the Associated General Contractors of California.

Each bond shall be executed in accordance with the instructions set forth in Exhibit "E" attached hereto, and each bond shall be executed by a corporate surety acceptable to, and approved by, the City Attorney.

**2-12 RETURN OF BIDDER'S SECURITY** - If cash, or cashier's check, or certified check is furnished as bidder's security, the City Clerk will return the bidder's security (excepting anyone subject to forfeiture) upon the occurrence of either of the following: the decision of the Council not to award a contract, or the compliance by a successful bidder with Paragraph 2-10 hereof.

**2-13 EXAMINATION OF THE SITE OF THE WORK, PLANS AND SPECIFICATIONS** - Before submitting their bids, all bidders are required to examine carefully the site of the project and the proposal, plans, specifications, and contract forms for the work contemplated, and it will be assumed that all bidders have investigated and are satisfied with the conditions to be encountered as to the character, quality, and quantities of work to be performed and materials to be furnished, as well as to the requirements of the plans, specifications, and the contract. Quantities and dimensions, as shown on the plans, specifications, and proposal form, shall be considered as being only approximate and merely intended to assist the bidders in checking their own figures as ascertained at the site of the proposed work. The submission of a proposal shall constitute a representation and warranty by the bidder that the bidder has made such an examination.

**2-14 COMPLIANCE WITH THE PROVISIONS OF THE GOVERNMENT CODE** - All contractors shall conform with the provisions of Sections 4100 to 4113, inclusive, of the Public Contract Code, as amended, concerning subcontractors and subcontracts.

**2-15 REJECTION OF BIDS** - Proposals may be rejected by the City Council, whereupon evidence of prior performance of the bidder, the City Council has made a finding that within a three-year period prior to the bid opening the bidder is not a responsible contractor because of past unsatisfactory performance with the City or with other public entities.

**2-16 COMPLIANCE WITH PROVISIONS OF THE FEDERAL EQUAL EMPLOYMENT OPPORTUNITY BID CONDITIONS** - All bidders to be eligible for the federally-assisted or non-exempt federal construction contracts in the area of jurisdiction of the Los Angeles Building and Construction Trades Council must comply with the provisions of the greater Los Angeles Plan or the affirmative action program, both of which are set forth in the Federal Equal Employment Opportunity Bid Conditions incorporated by reference herein and attached hereto as Exhibit "H" pursuant to the U.S. Department of Labor Orders dated September 23, 1971.

**NOTE:** Exhibit "H" will not be attached hereto for projects which are not financed with federal funds.

**2-17 INTERPRETATION OF CONTRACT DOCUMENTS** - No oral interpretations will be made to any bidder as to the meaning of the contract documents. Should a prospective bidder discover discrepancies or omissions in the contract documents or should a bidder be in doubt as to the meaning of the contract documents, the bidder shall request clarification or modification from the City. Request for an interpretation shall be made in writing and delivered to the City at least 10 days (240 hours) before the time announced for opening the proposals. Interpretations by the City will be in the form of an addendum to the contract documents and, when issued, will be sent as promptly as is practical to all parties to whom the contract documents have been issued. All such addenda shall become part of the contract. The submission of a proposal by the bidder shall constitute the acknowledgment that if awarded the contract, the bidder has carefully reviewed the contract documents, based a bid solely on these documents, found them free of any ambiguity and sufficient for bid purposes, and has not relied on any explanations or interpretations from any other source except as provided for herein.

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REV 10-12-88  
REV 08-19-91  
REV 11-22-95  
REV 05-01-03

## PART 3

### LEGAL RELATIONS AND RESPONSIBILITY TO THE CITY

**3-01 LAWS TO BE OBSERVED** - The Contractor shall be knowledgeable of all existing and pending State and national laws and all municipal ordinances and regulations of the City, which in any manner affect those employed in the work, or the material used in the work, or which in any way affect the conduct of the work, and of all such orders and decrees of bodies or tribunals having jurisdiction or authority over the same. The Contractor shall particularly observe all ordinances of the City in relation to the obstruction of streets or conduct of the work, keeping open passageways and protecting the same where they are exposed or dangerous to traffic.

**3-02 SOCIAL SECURITY REQUIREMENTS** - The Contractor shall furnish to the City satisfactory evidence that he/she and all subcontractors are complying with all requirements of the Federal and State Social Security legislation. The Contractor, at any time on request, shall satisfy the City that the Social Security and Withholding Tax are being properly reported and paid.

**3-03 PREVAILING WAGES** - In accordance with the provisions of Section 1770 et seq., of the Labor Code, the Director of the Department of Industrial Relations of the State of California has ascertained the general prevailing rate of wages applicable to the work to be done under contract for public improvement. The Contractor will be required to pay to all employees on the project sums not less than the sums set forth in the documents entitled "General Prevailing Wage Determination made by the Director of Industrial Relations pursuant to California Labor Code Part 7, Chapter 1, Article 2, Sections 1770, 1773 and 1773.1."

A copy of said documents is on file and may be inspected in the office of the City Engineer in Room G10 of the Beverly Hills City Hall located at 455 North Rexford Drive, Beverly Hills, California 90210.

**3-04 PENALTIES** - The Contractor shall comply with Labor Code Section 1775 and shall forfeit, as a penalty to the City, the sum of twenty-five (\$25.00) dollars for each calendar day or portion thereof during which the Contractor or any subcontractor has paid to any worker employed in the project an amount less than that required by the provisions of the preceding Paragraph 3-03.

**3-05 PAYROLL RECORDS** - The Contractor's attention is directed to Section 1776 of the Labor Code, relating to accurate payroll records, which imposes responsibility upon the Contractor for the maintenance, certification, and availability for inspection of such records for all persons employed by the Contractor or by the subcontractors in connection with the project. The Contractor shall agree through the Contract to comply with this section and the remaining provisions of the Labor Code.

**3-06 WORKING HOURS** - The Contractor shall forfeit, as penalty to the City, the sum of twenty-five (\$25.00) dollars for each worker employed in the execution of the

contract by the Contractor or subcontractors for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar week, in violation of the provisions of Article 3, Chapter 1, Part 7, Division 2 of the Labor Code (Section 1810 et seq.).

**3-07 APPRENTICES** - Attention is directed to the provisions of Sections 1777.5 and 1777.6 of the Labor Code concerning the employment of apprentices by the Contractor or any subcontractor. The Contractor and all subcontractors shall comply with the requirements of said sections in the employment of apprentices.

Information relative to apprenticeship standards and administration of the apprenticeship program may be obtained from the Department of Industrial Relations, San Francisco, California, or from the Division of Apprenticeship Standards and its branch offices.

**3-08 COLLUSION IN BIDDING** - Any collusion between bidders bidding on the work and limiting free competition in bidding, shall be considered unlawful and may prevent a Contractor who has been a party thereto from receiving payment under the contract.

**3-09 REGISTRATION OF CONTRACTORS** - Only a Contractor licensed in accordance with the provisions of Chapter 9, Division 3 of the Business and Professions Code shall be permitted to enter into a contract with the City for any public improvement.

**3-10 PERMITS AND LICENSES** - The Contractor shall procure all permits and licenses, pay all charges and fees and give all notices necessary and incidental to the due and lawful prosecution of the work.

**3-11 PATENTS** - The Contractor shall assume all responsibility arising from the use of any patented, or allegedly patented, materials, equipment, devices, or processes used on or incorporated in the work, and shall defend, indemnify, and hold harmless the City, and each of its officers, agents, and employees from and against any and all liabilities, demands, claims, damages, losses, costs, and expenses, of whatsoever kind or nature, arising from such use.

**3-12 INDEMNITY** - The Contractor agrees to defend, indemnify, and save harmless the City and each of its officers, agents, and employees, from and against any and all liabilities, demands, claims, damages, losses, costs and expenses of whatsoever kind or nature, including, but not limited to, any and all direct and indirect cost of defense (including attorney fees and court costs), made against, or incurred or suffered by, any such indemnity as a direct or indirect consequence of entering into this contract or of injury, sickness, or disease, including death, to persons or injury to, or destruction of, property, including, but not limited to, the loss of use of property, resulting directly or indirectly from, or in any manner connected with or pertaining to any and all operations, and any and all activities, omissions and conditions in any manner connected therewith or pertaining thereto, of the Contractor under the contract.

**3-13 INSURANCE AND WORKER'S COMPENSATION** - Contractor shall procure and maintain for the duration of the contract, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work by the Contractor, his agents, representatives, employees or subcontractors, pursuant to contractor's bid or any subsequent contract. Insurance, together with an endorsement in substantially the form set forth in Exhibit "F", attached hereto, shall be of the type, in the amounts and subject to the provisions described below.

(1) Commercial general liability coverage at least as broad as Insurance Services Office Commercial General Liability occurrence coverage ("occurrence" form CG0001, Ed. 11/88) with a limit of not less than \$2,000,000 per occurrence. If the insurance includes a general aggregate limit, that limit shall apply separately to this contract or it shall be at least twice the required per occurrence limit.

(2) Business automobile liability insurance at least as broad as Insurance Services office form CA 0001 (Ed. 12/90) covering Automobile Liability, code 1 "any auto" and endorsement CA 0029 (Ed. 12/88) with a limit not less than \$1,000,000 per accident.

(3) Workers Compensation Insurance as required by the State of California and employers liability insurance with a limit not less than \$1,000,000 per accident in substantially the form set forth in Exhibit "G", attached hereto.

(4) Evidence of Coverage:

(a) Prior to commencement of work under this contract, or within 10 days of notification of award of contract, whichever is shorter, Contractor shall file certificates of insurance with original endorsements evidencing coverage in compliance with this contract and in a form acceptable to City. The certificate shall be on the City's standard proof of insurance form.

(b) Contractor shall provide to City, on request, a complete copy, including all endorsements and riders, of any insurance policy.

(c) During the term of this agreement, Contractor shall maintain current valid proof of insurance coverage, with City at all times. Proof of renewals shall be filed prior to expiration of any required coverage and shall be provided on the City's standard proof of insurance form.

(d) Failure to submit any required evidences of insurance within the required time period shall be cause for termination for default, and shall be cause for forfeiture of this bidder's bid security, if applicable.

(e) In the event Contractor does not maintain current, valid evidence of insurance on file with City, City may, at its option, withhold payment of any moneys

owed to Contractor, or which it subsequently owes to Contractor, until proper proof is filed.

(5) All insurance coverages shall be provided by insurers with a rating of B+; VII, or better in the most recent edition of Best's Key Rating Guide, Property-Casualty Edition.

(6) Each insurance policy shall be endorsed to state that coverage shall not be suspended, voided or canceled and shall not be reduced in coverage or limits except after 45 days prior written notice provided to the City. Upon prior request of the carrier, the notice period may be reduced to 10 days in the event of non-payment of premium.

(7) All liability coverages shall name the City, its City Council and every officer, agent and employees of the City as additional insured with respect to work under this bid or any subsequent contract.

(8) Contractor's insurance and any insurance provided in compliance with these specifications, shall be primary with respect to any insurance or self-insurance programs covering the City, its City Council and any officer, agent or employee of City.

(9) Where available, the insurer shall agree to waive all rights of subrogation against the City, its City Council and every officer, agent and employee of City.

(10) Any deductibles or self-insured retentions shall be declared to and must be approved by City. At the option of the City, either the insurer shall reduce or eliminate the deductibles or self insured retentions as respects the City, or the Contractor shall procure a bond guaranteeing payment of losses and expenses.

(11) In the event that Contractor does not provide continuous insurance coverage, the City shall have the right, but not the obligation, to obtain the required insurance coverage at Contractor's cost, and the City may deduct all such costs from moneys the City owes to the Contractor or from moneys which it subsequently owes the Contractor.

**3-14 DISPUTE RESOLUTION MEETINGS** - In the event of any damage or injury caused by Contractor or its subcontractors in the performance of the Agreement, the contractor shall attend dispute resolution meetings with the City and interested parties as required by City.

REV. 4-22-03

## **PART 4**

### **PROSECUTION AND PROGRESS OF THE WORK**

**4-01 WORK SCHEDULE** - As soon as notified of the award of the contract, the Contractor shall prepare and submit to the City Engineer a work schedule for accomplishing the work. Said schedule must show the dates of the expected start and completion of the various items of the contract work. During a scheduling conference between the Contractor and the City Engineer, the work schedule will be discussed and modified, if necessary, by mutual agreement. The work schedule must be carefully conceived and adhered to, because it will be the basis for the contents of letters addressed to owners of property adjoining the work area, giving them an understanding of the dates on which their street will be under construction and that they may be prevented from using their driveways during the Contractor's operations. Should it become necessary for the City to delay temporarily the work schedule agreed upon during the scheduling conference, every effort will be made to permit a new work schedule at the time most convenient to the Contractor, thus permitting the project to proceed with the shortest intramural movement of equipment. The Contractor shall notify the City Engineer in all such cases, in order to arrive at a mutually satisfactory schedule.

**4-02 SUBLETTING AND ASSIGNMENT** - The Contractor shall give personal attention to the fulfillment of the contract and shall be in control of the work. The Contractor shall not assign, transfer nor sublet any part of the work without the written consent of the City by the City Engineer and of the Surety of the Contractor's bond, and such consent of Surety, together with a copy of the subcontract, shall be filed with the City Engineer. No assignment, transfer or subletting, even though consented to, shall relieve the Contractor of liability under the contract. Subcontractors shall not be recognized as such, and all persons engaged in the project will be considered as employees of the Contractor, their work being subject to the provisions of the contract and the specifications. Should any subcontractor fail to perform work to the satisfaction of the City Engineer, said subcontractor shall be removed immediately from the project upon request by the City Engineer and shall not again be employed on the work, and the Contractor shall be held liable for the deficient work.

The Contractor shall submit to the City a list with the names, addresses, and telephone numbers of all subcontractors, as a part of, and in addition to the requirements set forth in Paragraph 2-14 hereof.

**4-03 CHARACTER OF WORKMAN** - The Contractor shall employ none but competent foremen, laborers, and mechanics. Any overseer, superintendent, laborer or other person employed on the work by the Contractor who is intemperate, incompetent, troublesome, or otherwise undesirable, or who fails or refuses to perform the work in the manner specified herein, shall be discharged immediately and such person shall not again be employed on the work.

**4-04 AGENTS OR FOREMAN** - In the absence of the Contractor from the site of the project, even if such is only of a temporary duration, the Contractor must provide and leave at the site a competent and reliable agent or foreperson in charge. All notices, communications, orders, or instructions given, sent to, or served upon, such agent or foreperson by the City Engineer shall be considered as having been served upon the Contractor.

**4-05 TEMPORARY STOPPAGE OF CONSTRUCTION ACTIVITIES** - The City Engineer shall have the authority to suspend the contract work wholly or in part, for such a period of time as he may deem necessary, due to unsuitable weather, or to such other conditions as he considers unfavorable for the proper prosecution of the work, or for such time as he may deem necessary due to failure on the part of the Contractor to carry out orders or to perform any of the requirements of the contract. The Contractor shall immediately comply with such an order from the City Engineer and shall not resume operations until so ordered in writing.

**4-06 TIME OF COMPLETION AND LIQUIDATED DAMAGES** - If all the contract work is not completed in all parts and requirements within the time specified in the proposal form, the City shall have the right to grant or deny an extension of time for completion, as may seem best to serve the interest of the City. The Contractor shall not be assessed with liquidated damages during any delay in the completion of the work caused by acts of God or of the Public Enemy, acts of the State, fire not due to acts of contractors or subcontractors, floods, epidemics, quarantine, restrictions, strikes, freight embargo or unusually or severe weather, or delays of subcontractors due to such causes, provided that the Contractor shall, within ten (10) days from the beginning of such delay, notify the City, in writing, of the cause of the delay. The City will ascertain the facts and the extent of the delay, and the findings thereon shall be final and conclusive.

**4-07 SUSPENSION OF CONTRACT** - If at any time, in the opinion of the City Council, the Contractor fails to supply an adequate working force, manufactured articles, or material of proper quality, or has failed in any other respect to prosecute the work with the diligence and force specified and intended in and by the terms of the contract, notice thereof in writing will be served upon the Contractor, and should the Contractor neglect or refuse to provide means for a satisfactory compliance with the contract within the time specified in said notice and as directed by the City Engineer, City Council shall have the power to suspend the operation of the contract and discontinue all work or any part thereof. Thereupon, the Contractor shall discontinue such work, or such part thereof as the City may designate, and the City may thereupon, by contract or otherwise, as it may determine, complete the work or such part thereof, and charge the entire expense of so completing the work or any part thereof to the Contractor, and for such completion the City itself or its contractors may take possession of and use, or cause to be used in the completion of the work, or any part thereof, any such materials, implements and tools of every description as may be found at the place of such work. All expense charged under this paragraph shall be deducted and paid for by the City out of any monies then due or to become due the Contractor

under the contract, or any part thereof, and in such accounting the City shall not be held to obtain the lowest figure for the work for completing the contract, or any part thereof, or for insuring its proper completion, but all sums paid therefor shall be charged to the Contractor. In case the expenses so charged are less than a sum which would have been payable under the contract, if the same had been completed by the Contractor, the Contractor shall be entitled to receive the difference, and in case such expense shall exceed the amount payable under the contract, then the Contractor shall pay the amount of the excess to the City, upon completion of the work, without further demand being made therefor. In the determination of the question as to whether or not there has been any such noncompliance with the contract as to warrant the suspension or annulment thereof, the decision of the City Council shall be binding on all parties to the contract.

## PART 5

### CONTROL OF THE WORK

**5-01 AUTHORITY OF THE CITY ENGINEER** - The City Engineer shall decide any and all questions that may arise as to the quality and acceptability of materials furnished and work performed, as to the manner of performance and rate of progress of the work, and any and all questions which may arise as to the interpretation of the plans and specifications. The City Engineer shall likewise decide any and all questions as to the acceptable fulfillment of the contract on the part of the Contractor, and all questions as to claims and compensations. The decision of the City Engineer shall be final and he shall have relative authority to enforce and make effective such decisions and actions as the Contractor fails to carry out promptly.

**5-02 CONFORMITY WITH PLANS AND ALLOWABLE VARIATION** - Finished surfaces shall in all cases conform with the lines, grades, cross-sections and dimensions shown on the plans. Minor deviations from approved plans, whenever required by the exigencies of construction, shall be determined in all cases by the City Engineer and authorized in writing.

**5-03 PROGRESS OF THE WORK** - The Contractor shall begin work on the date agreed upon following the scheduling conference mentioned in Paragraph 4-01 hereof, and shall diligently prosecute the same to completion before the expiration of the time limit appearing in the specifications and in the proposal form.

**5-04 SAMPLES** - The Contractor shall furnish all products and materials required to complete the work. All materials and products must be of the specified quality and fully equal to samples, when samples are required. Whenever required, the Contractor shall submit to the City Engineer for test, and free of charge, samples of any one of the materials or products proposed to be used in the work. Said samples shall be delivered by the Contractor to the place within the City designated by the City Engineer. Rejected material must be immediately removed from the work by the Contractor and shall not again be brought back to the site.

**5-05 TRADE NAMES AND ALTERNATIVES** - For convenience in designation on the plans or in the specifications, certain equipment or articles or materials to be incorporated in the work may be designated under a trade name or the name of a manufacturer and his catalog information. The use of an alternative equipment or an article or equipment which is of equal quality and of the required characteristics for the purpose intended will be permitted, subject to the approval of the City Engineer, in accordance with the following requirements.

The burden of proof as to the comparative quality and suitability of alternative equipment or articles or materials shall be upon the Contractor and he shall furnish, at his own expense, all information necessary or related thereto as required by the City Engineer. The City Engineer shall be the sole judge as to the comparative quality and

suitability of alternative equipment or articles or materials and his decision shall be final. All requests for substitution shall be submitted seven (7) days in advance of bid opening to permit, if the request is approved, an addendum to be issued to all bidders.

**5-06 PROTECTION OF THE WORK** - The Contractor shall continuously maintain adequate protection of all work from damage, and the City will not be held responsible for the care or protection of any material, equipment, or parts of work, except as expressly provided for in the specifications.

**5-07 ACCESS TO RESIDENTS DRIVEWAYS** - The Contractor shall notify residents of property adjoining the location of the work, sufficiently in advance of construction, as of the date when such construction work will start. In case of work requiring excavation of the roadway which may interfere with the use by residents of their driveways, suitable provisions shall be made by the Contractor to make it possible for residents to gain access to their driveways until such time as the exigencies of construction may demand a temporary blocking of said driveways. Efforts shall be made by the Contractor to minimize the duration of said blocking and to notify the residents of this need well in advance, thus allowing them to make suitable arrangements to keep their automobiles elsewhere.

**5-08 CONFLICT OF TERMS** - The notice to bidders, proposal, plans, specifications, and Standard Contractual Requirements are essential parts of the contract for a given project. These documents, together with the necessary bonds and bidder's guarantee, constitute the contract as defined herein and a requirement included in one document shall be as binding as though included in all, as they are intended to be cooperative and to provide a description of the work to be done. Should there be any conflict or discrepancy between terms used, then the specifications shall govern over the plans, and change orders and supplemental agreements shall govern over any other contract document.

Special specifications of other agencies, engineering societies or industrial associations and Standard Drawings of the City or of other agencies referred to in the specifications or on the plans shall also be considered as essential parts of the contract. Where a given specification is incorporated by reference, said reference shall apply to the latest modification, unless otherwise shown on the plans or in the specifications. Whenever an object, thing, or work of any kind is indicated only on either the plans or in the specifications, it shall be deemed that the intent was to show said item in both places, and the work shall be done in the place where it is shown. In case of doubt about the meaning of any contracting clause the interpretation shall be made by the City Engineer and shall be so accepted by the Contractor.

**5-09 INTERPRETATION OF PLANS AND SPECIFICATIONS** - Should it appear that the work to be done, or any matter relative thereto, is not sufficiently detailed or explained on the plans or in the specifications, the Contractor shall request the City Engineer for such further explanation as may be necessary, and shall conform to such explanation or interpretation as part of the contract, so far as may be consistent with the intent of the original specifications. In the event of doubt or question relative to the true

meaning of the specifications, reference shall be made to the City Council, whose decision thereon shall be final.

**5-10 ALTERATIONS, INCREASES AND DECREASES OF WORK TO BE DONE**

- The City reserves the right to increase or decrease the quantity of any item or portion of the work described on the plans, the specifications, or the proposal form or to omit portions of the work so described as may be deemed necessary or expedient by the City Engineer and the Contractor shall agree not to claim or bring suit for damages, whether for loss of profits or otherwise, on account of any decrease or omission of any kind of work to be done. By mutual consent of the parties signatory to the contract, alterations, modifications or deviations from the type of work described on the plans, specifications, or on the proposal form, may be made without in any way making the contract void. The price to be paid by the City to the Contractor for such altered or modified work shall be agreed upon in writing, endorsed upon the original contract and signed by the proper parties to said contract.

Whenever, during the progress of the work, such changes or modifications are deemed necessary by the City Engineer and agreed upon, as aforesaid, said deviations shall be considered and treated as though originally contracted for, and shall be subject to all the terms, conditions and provisions of the original contract.

**5-11 CHANGE ORDERS** - If for any reason it may become desirable during the course of the Work to change the alignment, dimensions or design of the Work, the City reserves the right to issue change orders in writing to give effect to such changes as may be necessary or desirable. The changes may or may not result in a change in the amount of Work. When the Contractor considers that any change order in writing by the City involves extra work, the Contractor shall immediately notify the City in writing as to when and where extra work is to be performed and shall make claim for compensation therefor each month not later than the first day of the month following that in which the work claimed as extra work was performed. If the changes do, in the opinion of the City, change the amount of Work, the Contract Price shall be adjusted as "extra work", pursuant to Section 6-01.

New and unforeseen work will be classed as extra work only when said work is not covered and cannot be paid for under any of the various items or combination of items for which a bid price appears on the proposal form. The Contractor shall not do any extra work except upon written order from the City Engineer. Compensation for such extra work shall be previously agreed upon in writing between the Contractor and the City Engineer.

**5-12 LINES AND GRADES** - Except when, as per orders from the City Engineer, minor changes in the work are to be made by the Contractor, all work shall, during its progress and upon completion, conform to the lines, grades and elevations shown on the plans. All distances and measurements are given thereon and will be made in a horizontal plane. Three consecutive points shown on the same rate of slope must be used in common in order to detect any variation from a straight line, and in case any

such discrepancy exists, it must be reported to the City Engineer. Failure to make this report shall make the Contractor responsible for any error in the finished work.

**5-13 GRADE STAKES** - The Contractor shall give at least twenty-four (24) hours notice in writing prior to requiring the services of the City Engineer for laying out any portion of the work, and shall dig all holes necessary for line and grade stakes. The Contractor shall preserve all stakes set for the lines, grades or measurements of the work in their proper place until authorized to remove them by the City Engineer. Any expense incurred in replacing said stakes as the Contractor may have failed to preserve shall be borne by the Contractor.

**5-14 PROTECTION OF SURVEY MONUMENT** - All survey monuments existing along the portions of any street where work is to be done shall be carefully protected and preserved by the Contractor. Any displacement or damage to said monuments resulting from carelessness in spotting their location during the progress of the work or from negligent use of equipment in their vicinity shall be corrected by the Contractor at the Contractor's expense.

**5-15 PUBLIC UTILITIES** - In case it should be necessary to remove the property of a public utility or franchise, such owner will, upon proper application by the Contractor, be notified by the City Engineer to move such property within a reasonable time and the Contractor shall not interfere with said property until after the expiration of the time specified. The right is reserved to the owners of public utilities or franchises to enter upon the streets for the purpose of making repairs or changes in their property which may be necessary as a result of the work. Employees of the City shall likewise have the privilege of entering upon the streets for the purpose of making any necessary repairs or replacements.

**5-16 UNIDENTIFIED EXISTING UTILITIES** - The City shall be responsible for the timely removal, relocation or protection of existing main or trunk line utility facilities located on the site, if such utilities are not identified by the City in the plans and specifications made a part of the invitation for bids. The Contractor will be compensated by the City for the costs of locating repairing damage not due to failure of the Contractor to exercise reasonable care, and removing or relocating such utility facilities not indicated in the plans and specifications, with reasonable accuracy, and for equipment on the project necessarily idled during such work.

The Contractor shall not be assessed for liquidated damages for delay in completion of the project, when such delay was caused by failure of the City or owner of the utility to provide for removal or location of such utility facilities. This shall not be deemed to require the City to indicate the presence of existing service laterals or appurtenances whenever the presence of such utilities on the site of the project can be inferred from the presence of other visible facilities, such as buildings, meter and junction boxes on or adjacent to the side of the construction; provided, however, nothing herein shall relieve the City from identifying main or trunk lines in the plans and specifications. If the Contractor performing services required under the contract discovers utility facilities not identified by the City in the contract plan and specifications, the Contractor shall

immediately notify the City and the utility in writing. The City, if it is the owner of the public utility shall have the sole discretion to perform repairs or relocation work or permit the contractor to do such repairs or relocation at a reasonable price.

**5-17 REMOVAL OF INTERFERING OBSTRUCTIONS** -The Contractor shall remove and dispose of all debris, abandoned structures, tree roots, and obstructions of any character met during the process of excavation, it being understood that the cost of said removals are made a part of the unit price bid by the Contractor under the item for excavation or removal of existing work.

**5-18 PROCEDURE IN CASE OF DAMAGE TO ADJOINING WORK** - Any portions of adjoining curb, gutter, sidewalk or any other City improvements damaged by the Contractor during the course of construction shall be replaced by the Contractor at the Contractor's expense, free of all charges to the City. The cost of additional replacement of curb, gutter or sidewalk in excess of the estimated quantities shown in the proposal form and specifications, and found necessary during the process of construction, (but not due to damage resulting from carelessness on the part of the Contractor during operations), shall be paid to the Contractor at the unit prices submitted in the bid.

**5-19 AVOIDANCE OF PATCHWORK APPEARANCE** - New PCC work shall conform in grade, finish and color to the adjoining portions. Any sections of said work having a patchwork appearance will be rejected by the City Engineer and the Contractor shall replace them at the Contractor's expense. To insure a neat break line between existing and new portions of PCC work, the Contractor will be required to use a concrete cutting saw of a type approved by the City Engineer. The cost of saw cutting shall be included by the Contractor in the unit prices bid for removal of existing work. Likewise, whenever adjoining PCC work is damaged during the process of new construction, the damaged portions shall be removed in such a way that a neat, straight joint is provided between the new portions and existing work.

**5-20 CARE OF GUTTERS ADJACENT TO AREAS TO BE PAVED** - During the process of resurfacing the roadways or construction of new pavement, the Contractor shall exercise particular care to remove all excess resurfacing material which may be deposited upon the PCC gutters. Whenever specifications call for the resurfacing material to overlap the existing gutters the overlapping portions shall not exceed the dimensions shown on the plans and a wavy overlapping line shall be avoided. Any undulation of the overlapping line accidentally resulting from the application of the paving or resurfacing material shall be corrected by the Contractor before the work is accepted by the City Engineer.

**5-21 DEPTH OF THE REQUIRED EXCAVATION** - When the contract work requires excavation and removal of existing pavement and excess of underlying soil, these materials shall be removed to the depth shown on the plans. Whenever the subgrade exposed after the removal of the excess underlying soil is found to be of the desirable kind, excavation need not proceed below the depth specified on the plans. However, if the excavation discloses the fact that there is mud or any other soft material

in the subgrade, said material shall be removed to a minimum depth of six inches (6"), at the discretion of the City Engineer. Backfill of the additional excavated portions shall be made with select material removed from other portions of the work, provided said material is found suitable by the City Engineer. The volume in place of the additional soil excavation will be determined by the field representatives of the City Engineer, and the Contractor will be entitled in this case to extra payment based on the additional number of cubic yards excavated, at the unit price bid under the item for excavation in the proposal form. Should imported material be required for the backfill, the unit cost per cubic yard of said imported material shall be agreed in advance, in writing, between the Contractor and the City Engineer, and extra payment for said material will be made to the Contractor for the actual volume used, as verified in the field by representatives of the City Engineer.

**5-22 SEQUENCE OF THE WORK OF EXCAVATION** - Whenever the contract work calls for excavation of existing pavement and excess soil and for construction of base material, the process of excavation shall be conducted by the Contractor so that, at the end of any working day, the area where excavation is proceeding shall not be more than 300 feet in advance of the area where the untreated rock base over sections already excavated is being laid, unless otherwise indicated in the specifications.

**5-23 AVOIDANCE OF DUST NUISANCE** - During the process of breaking, excavating and removing any material from the site of the project and until completion of the work, the Contractor shall take every precaution to avoid the nuisance of unnecessary dust by using any measures advocated by the City Engineer.

**5-24 MAINTENANCE OF TRAFFIC AND SAFETY REQUIREMENT** - Any Contractor performing work in a street right-of-way shall conduct operations so as to cause the least possible obstruction and inconvenience to public traffic and safety, and shall take all necessary measures to maintain an adequate traffic flow, to prevent accidents and to protect the site of the work. During construction the Contractor shall, as far as practicable, keep the project free of rubbish and debris and in as clean a condition as possible.

A suitable width of any intersecting street shall be kept in reasonably good condition for traffic, including the necessary provisions for proper drainage. Should the requirements of construction demand closing the full width of an intersection, such closing shall be allowed only after the Contractor has secured permission from the City Engineer and the duration of the closing must be for the minimum length of time possible. After said permission is granted, the Contractor shall make the necessary arrangements to provide temporary crossings, or to reroute traffic away from said intersection and provide and maintain barriers, guards, directional signs, watchpersons, and lights at all detour points, in order to give adequate warning to the public at all times that the streets are under construction and of the dangerous conditions as a result thereof. The Contractor shall also erect and maintain such additional warning and directional signs as may be furnished by the City.

**5-25 BARRIERS, LIGHTS, ETC.** - The above-mentioned barriers, safety lights, warning and regulatory signs, guards, temporary crossovers, and watchpersons shall also be provided and maintained by the Contractor at the Contractor's expense over all portions of the work during construction and until completion. Provisions shall be made by the Contractor to insure operation of the safety lights throughout the evenings without interruption. No safety lights using the inflammable liquids shall be permitted during the progress of the work, and only electric battery operated safety lamps will be approved for this purpose.

**5-26 REMOVAL OF DEFECTIVE OR UNAUTHORIZED WORK** - It is the intent of the specifications that only first class work, materials, and workmanship will be acceptable. All work which is defective in its construction or deficient in any of the requirements of the specifications shall be remedied, or removed and replaced by the Contractor in an acceptable manner, and no compensation will be allowed for such correction. Any work done beyond the lines shown on the plans or established by the City Engineer, or any extra work done without written authority will be considered as unauthorized and will not be paid for. Upon failure on the part of the Contractor to comply forthwith with any order of the City Engineer made under the provisions of this paragraph, the City Engineer shall have authority to cause defective work to be remedied or removed and replaced, and unauthorized work to be removed, and to deduct the costs thereof from any monies due or to become due the Contractor. If the work is found to be in compliance with these specifications, the City Engineer will furnish the Contractor with a certificate to that effect.

**5-27 SUPERVISION** - All manufactured products, materials, and appliances used and installed and all details of the work done shall at all times be subject to the supervision, test, and approval of the City Engineer or his authorized representatives. The City Engineer or his authorized representatives shall have access to the work at all times during construction, and shall be furnished with every reasonable facility for securing full knowledge with regard to the progress, workmanship and character of the materials used or employed in the work.

**5-28 INSPECTORS** - The Contractor shall prosecute work only in the presence of Inspectors appointed by the City Engineer and any work done in the absence of said Inspectors will be subject to rejection. All instructions given to the Contractor by such assistants shall be regarded as having been given directly by the City Engineer. The Contractor shall make a written application for an Inspector at least twenty-four (24) hours before his services are required on the work. Whenever the cost of an improvement or the cost of any portion thereof is defrayed from the Gas Tax Funds allocated to the City by the County of Los Angeles, or by the State of California, Inspectors appointed by the State or County shall likewise be given full access to the site of the work in order that they may perform their inspection duties efficiently and without interference. The inspection of the work shall not relieve the Contractor of any of his obligations to fulfill the contract as prescribed. Defective work shall be made good and unsuitable materials rejected, notwithstanding the fact that such defective work and unsuitable materials may have been previously overlooked by the Inspectors and accepted or estimated for payment.

**5-29 FINAL CLEANING UP** - Upon completion of the project and before making application to the City Engineer for acceptance of the work, the Contractor shall clean all the streets and grounds occupied by him in connection with the project, of all rubbish, debris, excess material, temporary structures and equipment, leaving the entire site of the work in a neat presentable condition.

**5-30 LOSS OR DAMAGE** - Any loss or damage arising from any omission or act of the Contractor or any agent or person employed by him or by any action which had not been authorized in the provisions of the specifications, shall be sustained by the Contractor.

## PART 6

### MEASUREMENT AND PAYMENT

**6-01 EXTRA WORK** - Extra work as hereinbefore defined, when ordered and accepted, shall be paid for under a written work order in accordance with the terms therein provided. Payment for extra work will be made at the unit price or lump sum previously agreed upon between the Contractor and prepared by the City Engineer. All extra work shall be adjusted daily upon report sheets prepared by the City Engineer, furnished to the Contractor, and signed by both parties, and said daily reports shall be considered thereafter the true record of extra work done.

**6-02 PAYMENTS** - Monthly payments will be made to the Contractor in amounts equal to ninety percent (90%) of the value of all work done during the preceding calendar month, calculated at the unit price bid by the Contractor for the work and on the basis of the percentage of work performed, as estimated by the representative of the City Engineer, it being understood that the sums thus figured to be due the Contractor will become payable thirty (30) days after the approval and acceptance of said estimate by the City Engineer. The Contractor shall submit an invoice for all payments requested. No such estimate of work done or payment to be made shall be required when, in the judgment of the City Engineer, the work is not proceeding in accordance with the provisions of the contract, or when the total value of the work done since the beginning of the project or since the preceding monthly payment is estimated to amount to less than three hundred (\$300.00) dollars.

After completion of the project, the City Engineer will make a final inspection of its site and, if the work is found satisfactory, he will recommend the official approval of the contract work. The City Engineer will also make a final estimate of the actual amount of work done on each item appearing on the proposal form, including extra work, if any, and of the value of such work, and the City will pay the entire sum so found to be due after deducting therefrom all previous payments and ten percent (10%) to be retained. All previous partial estimates shall be subject to correction in the final estimate and payment. The ten percent (10%) retained shall not be due and payable until the Notice of Completion of the project has been filed by the City Clerk with the Los Angeles County Recorder and until after the expiration of thirty-five (35) days after the date of the official approval of the work by the City Council.

In accordance with Government Code Section 4590, the Contractor will be paid the amount of any funds retained by the City, if the Contractor so requests in writing, and the Contractor provides to the Director of Finance Administration a bank or savings and loan certificate of deposit or a security as described in Government Code Section 16430 in the amount equivalent to the amount withheld as determined by the Director of Finance Administration. In lieu of providing such securities to the Director of Finance Administration, the Contractor may deposit such security with a state or federally chartered bank as an escrow agent, said escrow agreement to be satisfactory to the City Attorney. The escrow shall provide that payment of the funds shall not be made to the Contractor until satisfactory completion of the contract as provided in this Section above and shall include the satisfaction of any Stop Notices filed as provided by law and the satisfaction by the Contractor assessed against the Contractor as provided for herein. Any such security shall be provided by the Contractor at the sole expense of the Contractor and the Contractor shall be the beneficial owner of any securities substituted for moneys withheld and shall receive any interest therein. To cover the expenses of the City in processing any request by Contractor for payment of funds retained pursuant to this subsection, Contractor shall pay City the amount of One Hundred (\$100.00) Dollars for processing the first application for withdrawal of funds retained and the amount of Fifty (\$50.00) Dollars for each additional withdrawal of funds retained.

It shall be mutually agreed between the parties to the contract that no certificate given, with the exception of the certificate of final payment, shall be conclusive evidence of the faithful performance of the contract, either in whole or in part, and that no payment shall be construed to be in acceptance of any defective work or improper materials.

CITY OF BEVERLY HILLS

REV 01-22-82  
REV 12-10-86  
REV 08-19-91  
REV 04-22-03

STDCREQ

**Exhibit "A"**

BIDDER'S BOND

(Public Contract)

KNOW ALL MEN BY THESE PRESENTS: That

as Principal (herein called "Principal") and

as surety (herein called "Surety") are held and firmly bound unto the CITY OF BEVERLY HILLS, a municipal corporation of the State of California (herein called "Obligee"), in just and full sum of ten per cent (10%) of the total amount of the bid of Principal for the herein described work of improvement,

lawful money of the United States of America, for the payment of which, well and truly to be made, we hereby bind ourselves and our, and each of our, heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, That

WHEREAS, Principal is bidding, or is about to bid, for the following described work of improvement, all in accordance with the Notice to Bidders, Proposal form, Improvement Map, Specifications, and Standard Contractual Requirements of Obligee therefor (insert brief description of work of improvement):

NOW, THEREFORE, if Obligee shall make an award to Principal for said work of improvement according to the terms of such bid, and Principal shall duly execute, or cause to be executed, and delivered to Obligee the Contract, bonds, and evidence of insurance coverage as, and within the time, required by the Standard Contractual Requirements, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

No extension of time granted to the Principal and no change or alteration in any of the terms of the bid or the bid requirements, whether made after notice or not, shall release or otherwise affect the obligations of the Surety hereunder, and the Surety waives notice of any such extension, change, or alteration. The Surety, by the execution of this bond, represents and warrants that this bond has also been duly executed by the Principal with proper authority, and the Surety hereby waives any defense which it might have by reason of any failure of the Principal to execute or properly execute this bond.

In the event suit is brought upon this bond by the Obligee and judgement is recovered by the Obligee, court costs, including reasonable attorney's fees, shall be an additional obligation of this bond for which Principal and Surety shall be liable.

Signed and sealed the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

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

PRINCIPAL

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

SURETY

APPROVED AS TO FORM:  
City Attorney

NOTE TO SURETY COMPANY: The following form of acknowledgement should be used. If any other form of acknowledgement is used, there must be submitted a certified copy of unrevoked resolution of authority for the attorney-in-fact.

By: \_\_\_\_\_

\_\_\_\_\_ 20\_\_\_\_.

(SURETY CO. ATTORNEY-IN-FACT)

STATE OF CALIFORNIA: COUNTY OF LOS ANGELES: SS.

On \_\_\_\_\_, before me, the undersigned, a Notary Public in and for said County and State, personally appeared \_\_\_\_\_, known to me to be the duly authorized attorney-in-fact of the corporate surety named in the within Instrument, known to me to be authorized to execute said Instrument on behalf of said corporation, known to me to be the person whose name is subscribed to said Instrument as the attorney-in-fact of said corporation, and acknowledged to me that he (she) subscribed the name of said corporation thereto as surety, and his (her) own name as attorney-in-fact and that said corporation executed the same.

WITNESS my hand and official seal \_\_\_\_\_

(Seal)

Notary Public on and for said County and State



**Exhibit "C"**

**AGREEMENT**

THIS AGREEMENT, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, **2013**, by and between the CITY OF BEVERLY HILLS, a municipal corporation, hereinafter referred to as "City", and

INSERT CONTRACTOR NAME.  
ADDRESS, CA XXXXX

hereinafter referred to as "Contractor";

**WITNESSETH**

In this consideration of their covenants the parties hereto agree as follows:

1. Contractor shall furnish all labor, materials and equipment necessary to perform the following work in the City of Beverly Hills and West Hollywood, California, strictly in accordance with the Notice to Bidders, Proposal form, Plans and Specifications for such improvement, Standard Contractual Requirements and inclusive of Addenda, each of which documents are made a part of this Contract as though fully set forth herein:

**2013-2014 ON-CALL PAVING SPOT REPAIRS AND SIDEWALK, CURB AND GUTTER AND DRIVEWAY APPROACH SPOT REPAIRS WITHIN THE CITIES OF BEVERLY HILLS AND WEST HOLLYWOOD, CALIFORNIA**

2. In consideration of such work City agrees to pay Contractor and Contractor agrees to accept the sum of **WORDS (\$XXXXXX.00)** in the manner provided in subject Plans and Specifications and subject to adjustment provided therein.

3. Concurrently with the execution of this Contract, Contractor shall file with the City the bonds and certificates of insurance specified in the Standard Contractual Requirements.

4. This Contract shall not be assigned without the written permission of the City Council.

IN WITNESS WHEREOF, the parties hereto have executed this instrument the day and year first above written.

ATTEST:

CITY OF BEVERLY HILLS,  
A municipal corporation

\_\_\_\_\_  
BYRON POPE, City Clerk

\_\_\_\_\_  
JOHN A. MIRISCH, Mayor

APPROVED AS TO CONTENT:

CONTRACTOR: xxxxxxxxxxxx.

\_\_\_\_\_  
JEFFREY KOLIN, City Manager

\_\_\_\_\_

\_\_\_\_\_  
KARL KIRKMAN, Risk Manager

\_\_\_\_\_

\_\_\_\_\_  
MAHDI ALUZRI, Acting Director  
Of Public Works & Transportation

APPROVED AS TO FORM:

FUNDS AVAILABLE:

\_\_\_\_\_  
LAURENCE WIENER, City Attorney

\_\_\_\_\_  
Don Rhoads, Director of Administrative Services/Chief  
Financial Officer

# Exhibit "D"

## PERFORMANCE BOND

(Public Contract)

KNOW ALL MEN BY THESE PRESENTS: That

as Principal (herein called "Principal") and

as surety (herein called "Surety") are held and firmly bound unto the CITY OF BEVERLY HILLS, a municipal corporation of the State of California (herein called "Obligee"), in just and full sum, **said sum being equal to 100% of the estimated amount payable by the terms of the hereinafter described Contract** lawful money of the United States of America, (said sum being equal to 100% of the estimated amount payable by the terms of the hereinafter described Contract) for the payment of which, well and truly to be made, we hereby bind ourselves, and our, and each of our, heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, That

WHEREAS, Principal has been awarded a Contract for the following described work of improvement and is required by Obligee to give this bond in connection with the execution of the written Contract therefor:

NOW, THEREFORE, if Principal shall well and truly do and perform each and all of the covenants, conditions, and agreements of said Contract on the Principal's part to be done and performed, and any and all alterations thereof made as therein provided, at the time and in the manner therein specified, and shall indemnify and save harmless the Obligee, its officers, agents, and employees, as therein stipulated, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

No extension of time granted to the Principal and no change or alteration in any of the terms of the Contract or the Contract documents or the work to be performed thereunder, whether made after notice or not, shall release or otherwise affect the obligation of the Surety hereunder, and the Surety waives notice of any such extension, change, or alteration. The Surety, by the execution of this bond, represents and warrants that this bond has also been duly executed by the Principal with proper authority, and the Surety hereby waives any defense which it might have by reason of any failure of the Principal to execute or properly execute this bond.

In the event suit is brought upon this bond by the Obligee and judgment is recovered by the Obligee, court costs, including reasonable attorney's fees, shall be an additional obligation of this bond for which Principal and Surety shall be liable.

Signed and sealed the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
\_\_\_\_\_  
PRINCIPAL

\_\_\_\_\_  
\_\_\_\_\_  
SURETY

APPROVED AS TO FORM:  
City Attorney

NOTE TO SURETY COMPANY: The following form of acknowledgement should be used. If any other form of acknowledgement is used, there must be submitted a certified copy of unrevoked resolution of authority for the attorney-in-fact.

By: \_\_\_\_\_

\_\_\_\_\_ 20\_\_\_\_.

\_\_\_\_\_

**ATTACH APPROPRIATE ALL PURPOSE ACKNOWLEDGEMENT**

**Exhibit "E"**

CONTRACTOR'S PAYMENT BOND  
(Public Contract)

KNOW ALL MEN BY THESE PRESENTS: That

as Principal (herein called "Principal") and

as Surety (herein called "Surety") are held and firmly bound unto the CITY OF BEVERLY HILLS, a municipal corporation of the State of California (herein called "Obligee"), in just and full sum, **said sum being equal to 100% of the estimated amount payable by the terms of the hereinafter described Contract**, lawful money of the United States of America, (said sum being equal to 100% of the estimated amount payable by the terms hereinafter described Contract) for the payment of which, well and truly to be made, we hereby bind ourselves, and our, and each of our, heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH, That

WHEREAS, Principal has been awarded a Contract for the following described work of improvement and is required by Obligee to give this bond in connection with the execution of the written Contract therefor:

NOW, THEREFORE, if Principal or his subcontractors shall fail to pay for any materials, provisions, provender or other supplies, or teams, used in, upon, for, or about the performance of the work contracted to be done, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, the surety will pay for the same, in an amount not exceeding the sum specified above, and also in case suit is brought upon this bond, a reasonable attorney's fee to be fixed by the court. This bond shall insure to the benefit of any and all persons entitled to file claims under the Civil Code so as to give a right of action to them or their assigns in any suit brought upon the bond.

No extension of time granted to the Principal and no change or alteration in any of the terms of the Contract or the Contract documents or the work to be performed thereunder, whether made after notice or not, shall release or otherwise affect the obligation of the Surety hereunder, and the Surety waives notice of any such extension, change, or alteration. The Surety, by the execution of this bond, represents and warrants that this bond has also been duly executed by the Principal with proper authority, and the Surety hereby waives any defense which it might have by reason of any failure of the Principal to execute or properly execute this bond.

Signed and sealed the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_

PRINCIPAL

APPROVED AS TO FORM:

City Attorney

By: \_\_\_\_\_

\_\_\_\_\_ 20\_\_\_\_.

\_\_\_\_\_

SURETY

NOTE TO SURETY COMPANY: The following form of acknowledgement should be used. If any other form of acknowledgement is used, there must be submitted a certified copy of unrevoked resolution of authority for the attorney-in-fact.

**ATTACH APPROPRIATE ALL PURPOSE ACKNOWLEDGEMENT**

**Exhibit "F"**

**CERTIFICATE OF INSURANCE**  
(PUBLIC LIABILITY)

This is to certify that the following endorsement is part of the policy(ies) described below:

Named Insured (Contractor)	<b>Companies Affording Coverage</b>
	A.
Address	B.
	C.

Policy Number	Company A,B,C	Coverage	Expiration Date	B.I	Limits P.D.	Aggregate
		<input type="checkbox"/> Automobile Liability				
		<input type="checkbox"/> General Liability				
		<input type="checkbox"/> Products/Completed Operations				
		<input type="checkbox"/> Blanket Contractual				
		<input type="checkbox"/> Contractor's Protective				
		<input type="checkbox"/> Personal injury				
		<input type="checkbox"/> Other				
		<input type="checkbox"/> Excess Liability				
		<input type="checkbox"/> Workers' Compensation				

It is hereby understood and agreed that the City of Beverly Hills, its City Council and each member thereof and every officer and employee of the City shall be named as a joint and several assureds with respect to claims arising out of the following project:

**2013-2014 ON-CALL PAVING SPOT REPAIRS AND SIDEWALK, CURB AND GUTTER AND DRIVEWAY APPROACH SPOT REPAIRS WITHIN THE CITIES OF BEVERLY HILLS AND WEST HOLLYWOOD, CALIFORNIA**

It is further agreed that the following indemnity agreement between the City of Beverly Hills and the named insured is covered under the policy: Contractor agrees to indemnify, hold harmless and defend City, its City Council and each member thereof and every officer and employee of City from any and all liability or financial loss resulting from any suits, claims, losses or actions brought against and from all cost and expenses of litigation brought against City, its City Council and each member thereof and any officer or employee of City which results directly or indirectly from the wrongful or negligent actions of contractor's officers, employees, agents, or others employed by contractor while engaged by contractor in the (performance of this agreement) construction of this project.

It is further agreed that the inclusion of more than one assured shall not operate to increase the limit of the company's liability and that insurer waives any right on contribution with insurance which may be available to City of Beverly Hills.

In the event of cancellation or material change in the above coverage, the company will give **45 days' written notice** of cancellation or material change to the certificate holder.

Except to certify that the policy(ies) described above have the above endorsement attached, this certificate or verification of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, condition of any contract or other document with respect to which this certification or verification of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

DATE	_____	BY	_____
			AUTHORIZED INSURANCE REPRESENTATIVE
AGENCY	_____	TITLE	_____
	_____	ADDRESS	_____
	_____		_____

**Exhibit "G"**

**CERTIFICATE OF INSURANCE**  
(Worker's Compensation)

WHEREAS, the City of Beverly Hills has requires certain insurance to be provided by:

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

NOW, THEREFORE, the undersigned insurance company does hereby certify that it has issued the policy or policies described below to the following named insureds and that the same are in force at this time.

1. This certificate is issued to: City of Beverly Hills, City Hall, 455 North Rexford Drive, Beverly Hills, California.
2. The insureds under such polity or policies are:

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

3. Worker's Compensation Policy or Policies in a form approved by the Insurance Commissioner of California covering all operations of the named insureds, as follows:

<u>POLICY NO.</u>	<u>EFFECTIVE DATE</u>	<u>EXPIRATION DATE</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

4. Said policy or policies shall not be canceled, nor shall there by any reduction in coverage or limits of liability, unless and until thirty days written notice thereof has been served upon the City Clerk of the City of Beverly Hills.

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

Approved as to form: \_\_\_\_\_ 20 \_\_\_\_\_

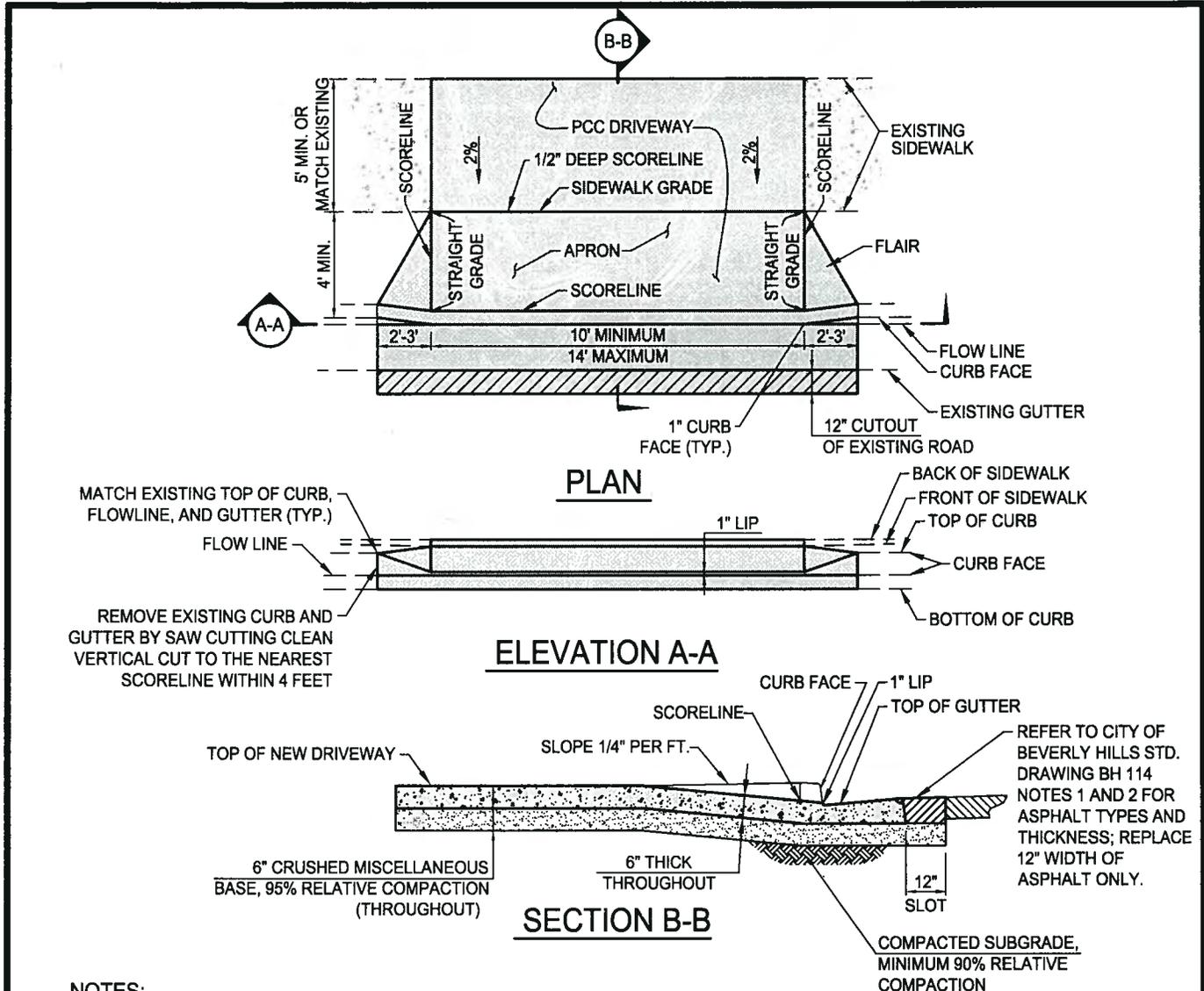
By \_\_\_\_\_  
Its Authorized Representative

\_\_\_\_\_  
LAURENCE S. WIENER, City Attorney

By: \_\_\_\_\_

**APPENDIX A**

**City of Beverly Hills and Public Works Standard Plans**



- NOTES:
- 1. DRIVEWAY APPROACH, INCLUDING SIDEWALK SHALL BE CLASS 520-C-2500 PCC MONOLITHIC POUR.**
  2. ANY EXISTING TRAFFIC OR ELECTRICAL BOXES SHALL BE RELOCATED OUTSIDE OF DRIVEWAY APPROACH.
  3. NO PORTION OF A PROPOSED DRIVEWAY APPROACH SHALL BE CONSTRUCTED CLOSER THAN TEN (10) FEET FROM THE CENTER OF ANY CITY TREE WITHOUT A WRITTEN APPROVAL OF THE CITY ARBORIST.
  4. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK").
  5. CONTRACTOR SHALL HAVE A VALID CLASS "A" OR "C8" CALIFORNIA CONTRACTOR'S LICENSE. NOT TO SCALE

# RESIDENTIAL DRIVEWAY APPROACH

REVISIONS		
MARK	DATE	DESCRIPTION
△	11/4/2010	NO JOINT BETWEEN CURB AND GUTTER



## CITY OF BEVERLY HILLS, CALIFORNIA

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

RECOMMENDED *[Signature]* DATE 11-18-10  
CITY ENGINEER

APPROVED *[Signature]* DATE 11-18-10  
PUBLIC WORKS DIRECTOR

STANDARD DRAWING  
**BH 101**  
 SHEET 1 OF 2

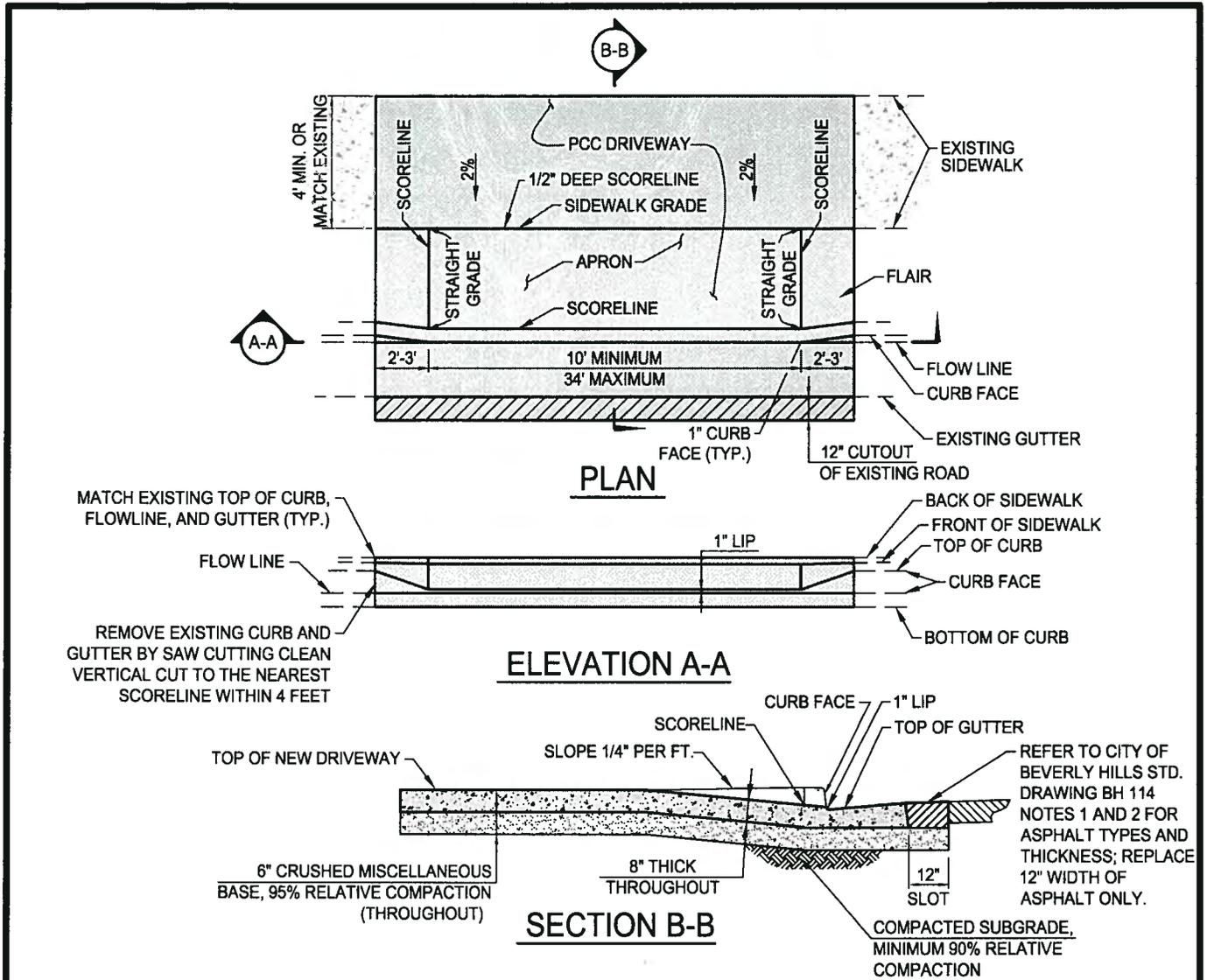
**CITY OF BEVERLY HILLS  
RESIDENTIAL DRIVEWAY APPROACH SPECIFICATIONS AND GENERAL REQUIREMENTS  
IN REFERENCE TO BEVERLY HILLS MUNICIPAL CODE SEC. 8-4-4**

**Definition:** An approach is located between the edge of the gutter and property line. It is composed of an apron and flairs (see sheet 1 of 2).

1. Any variation from this Driveway Approach Standard must be approved in writing by the City Director of Public Works or his designee. Permits are required for all activities on public right-of-way.
2. **Proposal Plan:** A drawing shall be provided by the applicant to include: Width of proposed apron(s), width of proposed transitional flair areas at side of apron(s), measurement to nearest trees, street lights, other curb cuts, location of property line extension at each side of the site, location of any adjacent neighboring approach, height of the street curb in front of the property, width of the sidewalk, width of the parkway (landscaped area) and any other useful information.  
**Note:** If the project is part of a work to be performed on a private property, the drawing submitted must be stamped with the approval of the Building and Safety Department prior to issuance of an Engineering Driveway Approach permit.
3. **Location:** No portion of a driveway approach shall be closer than three feet (3') from any lighting standard, public utility, another driveway, or other device erected in the parkway. Except in single family residential zones, driveway approaches are restricted to access which lead directly to a carport, garage, or parking area located beyond the setback area. Two (2) driveway approaches authorized for any lot or parcel shall not be less than twenty eight feet (28') apart, and each such driveway approach shall be a minimum of two feet (2') from the side property line as measured at the beginning of the full height curb. Any circular driveway shall have a minimum outer radius of twenty six (26') feet. The transportation/engineering official may approve a driveway approach closer to the side property line, or closer to any tree, lighting standard, public utility, another driveway or a device erected in the parkway where necessary to accommodate existing topography or nonremovable objects, such as buildings, walls, trees, or natural rock outcroppings. No portion of a proposed driveway approach shall be constructed closer than ten (10) feet from the center of any city tree without written approval of the City Arborist.
4. **Concrete Finish:** Approaches shall have a wood float, rotor finish. Sidewalk and curb face shall be troweled and light broom finished. Broken or defective public sidewalk, curb, and gutter adjacent to approaches shall be replaced if found necessary during the inspection of the work by Public Works inspectors.
5. **Adjacent Approach:** No raised curb will be permitted between two approaches which are adjacent to a common property line and less than 4 feet apart. The approaches shall be continuous. A written consent of adjacent property owner is required to construct a joint approach. Construction of a joint approach includes the removal of the existing adjacent approach and reconstruction of the entire shared approach.
6. **Width:** The maximum overall width of any residential driveway approach shall not exceed twenty feet (20'), and the maximum width of two (2) adjacent residential driveway approaches which are combined shall not exceed twenty six feet (26'). The minimum overall width of any driveway approach shall be sixteen feet (16'). The transportation/engineering official may approve driveway approaches which vary from the widths designated herein to accommodate existing topography, or nonremovable objects, such as buildings, walls, trees, or natural rock outcroppings. Driveway approach widths shall be the transition distance, measured along the curb, from the full height curb on one side to on the opposite side.  
  
**Number:** Only one driveway approach shall be permitted in any residential zone on any lot or parcel with less than seventy five feet (75') of frontage, or with a front setback of less than twenty five feet (25'); with the exception that a circular driveway requiring two (2) driveway approaches shall be permitted where the parcel frontage is within four percent (4%) of the seventy five feet (75') minimum required for two (2) driveway approaches, and further, that no other deviation from the provisions of this code or discretionary action is required for such circular driveway.
7. **Materials and Workmanship:** Shall fully comply with the requirements of the "Standard Specifications for Public Works Construction", ("Greenbook"), latest edition, sections 201-1 and 303-5 respectively.

## RESIDENTIAL DRIVEWAY APPROACH

REVISIONS				CITY OF BEVERLY HILLS, CALIFORNIA	
MARK	DATE	DESCRIPTION		DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION CIVIL ENGINEERING DIVISION	
				<b>RECOMMENDED</b> 	<b>DATE</b> 11-18-10
			<b>APPROVED</b> 	<b>DATE</b> 11-18-10	<b>STANDARD DRAWING</b> <b>BH 101</b> SHEET 2 OF 2



- NOTES:
- 1. DRIVEWAY APPROACH, INCLUDING SIDEWALK SHALL BE CLASS 520-C-2500 PCC MONOLITHIC POUR.**
  2. ANY EXISTING TRAFFIC OR ELECTRICAL BOXES SHALL BE RELOCATED OUTSIDE OF DRIVEWAY APPROACH.
  3. NO PORTION OF A PROPOSED DRIVEWAY APPROACH SHALL BE CONSTRUCTED CLOSER THAN TEN (10) FEET FROM THE CENTER OF ANY CITY TREE WITHOUT A WRITTEN APPROVAL OF THE CITY ARBORIST.
  4. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. ("GREENBOOK")
  5. CONTRACTOR SHALL HAVE A VALID CLASS "A" OR "C8" CALIFORNIA CONTRACTOR'S LICENSE. NOT TO SCALE

## NON-RESIDENTIAL DRIVEWAY APPROACH

REVISIONS		
MARK	DATE	DESCRIPTION
△	11/4/2010	NO JOINT BETWEEN CURB AND GUTTER



### CITY OF BEVERLY HILLS, CALIFORNIA

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

RECOMMENDED *[Signature]* DATE *11-18-10*  
CITY ENGINEER

APPROVED *[Signature]* DATE *11-18-10*  
PUBLIC WORKS DIRECTOR

STANDARD DRAWING

**BH 102**

SHEET 1 OF 2

**CITY OF BEVERLY HILLS  
NON-RESIDENTIAL DRIVEWAY APPROACH SPECIFICATIONS AND GENERAL REQUIREMENTS  
IN REFERENCE TO BEVERLY HILLS MUNICIPAL CODE SEC. 8-4-4**

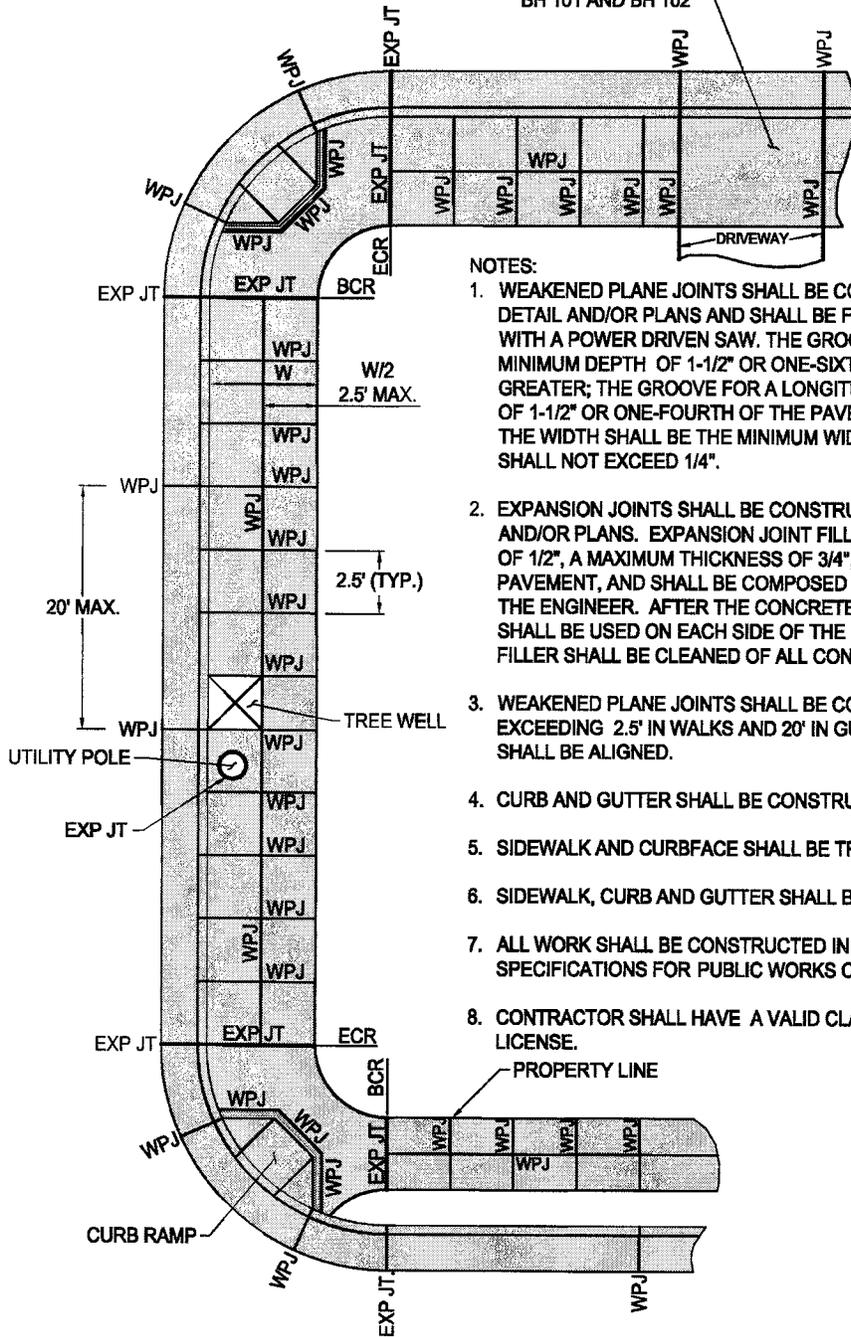
**Definition:** An approach is located between the edge of the gutter and property line. It is composed of an apron and flairs (see sheet 1 of 2).

1. Any variation from this Driveway Approach Standard must be approved in writing by the City Director of Public Works or his designee. Permits are required for all activities on public right-of-way.
2. **Proposal Plan:** A drawing shall be provided by the applicant to include: Width of proposed apron(s), width of proposed transitional flair areas at side of apron(s), measurement to nearest trees, street lights, other curb cuts, location of property line extension at each side of the site, location of any adjacent neighboring approach, height of the street curb in front of the property, width of the sidewalk, width of the parkway (landscaped area) and any other useful information.  
Note: If the project is part of a work to be performed on a private property, the drawing submitted must be stamped with the approval of the Building and Safety Department prior to issuance of an Driveway Approach permit.
3. **Location:** No portion of a driveway approach shall be closer than three feet (3') from any lighting standard, public utility, another driveway, or other device erected in the parkway. Except in single family residential zones, driveway approaches are restricted to access which lead directly to a carport, garage, or parking area located beyond the setback area. Two (2) driveway approaches authorized for any lot or parcel shall not be less than twenty eight feet (28') apart, and each such driveway approach shall be a minimum of two feet (2') from the side property line as measured at the beginning of the full height curb. Any circular driveway shall have a minimum outer radius of twenty six (26') feet. The transportation/engineering official may approve a driveway approach closer to the side property line, or closer to any tree, lighting standard, public utility, another driveway or a device erected in the parkway where necessary to accommodate existing topography or nonremovable objects, such as buildings, walls, trees, or natural rock outcroppings. No portion of a proposed driveway approach shall be constructed closer than ten (10) feet from the center of any city tree without written approval of the City Arborist.
4. **Concrete Finish:** Approaches shall have a wood float, rotor finish. Sidewalk and curb face shall be troweled and light broom finished. Broken or defective public sidewalk, curb, and gutter adjacent to approaches shall be replaced if found necessary during the inspection of the work by Public Works Inspectors.
5. **Adjacent Approach:** No raised curb will be permitted between two approaches which are adjacent to a common property line and less than 4 feet apart. The approaches shall be continuous. A written consent of adjacent property owner is required to construct a joint approach. Construction of a joint approach includes the removal of the existing adjacent approach and reconstruction of the entire shared approach..
6. **Width:** The maximum overall width of any non-residential driveway approach shall not exceed forty feet (40'). The minimum overall width of any driveway approach shall be sixteen feet (16'). The transportation/engineering official may approve driveway approaches which vary from the widths designated herein to accommodate existing topography, or nonremovable objects, such as buildings, walls, trees, or natural rock outcroppings. Driveway approach widths shall be the transition distance, measured along the curb, from the full height curb on one side to on the opposite side.
7. **Materials and Workmanship:** Shall fully comply with the requirements of the "Standard Specifications for Public Works Construction", ("Greenbook"), latest edition, sections 201-1 and 303-5 respectively.

## NON-RESIDENTIAL DRIVEWAY APPROACH

REVISIONS				CITY OF BEVERLY HILLS, CALIFORNIA	
MARK	DATE	DESCRIPTION		DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION CIVIL ENGINEERING DIVISION	
				RECOMMENDED <u><i>[Signature]</i></u> DATE <u>11-18-10</u> <small>CITY ENGINEER</small>	<b>STANDARD DRAWING</b> <b>BH 102</b> SHEET 2 OF 2
				APPROVED <u><i>[Signature]</i></u> DATE <u>11-18-10</u> <small>PUBLIC WORKS DIRECTOR</small>	

JOINTS PER STANDARD DRAWINGS  
BH 101 AND BH 102



**ABBREVIATIONS:**

- WPJ - WEAKENED PLANE JOINT
- EXP JT - EXPANSION JOINT
- BCR - BEGINNING OF CURB RETURN
- ECR - END OF CURB RETURN

**NOTES:**

1. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE DETAIL AND/OR PLANS AND SHALL BE FORMED BY CUTTING A GROOVE IN THE PAVEMENT WITH A POWER DRIVEN SAW. THE GROOVE FOR A TRANSVERSE JOINT SHALL BE CUT TO A MINIMUM DEPTH OF 1-1/2" OR ONE-SIXTH OF THE PAVEMENT THICKNESS, WHICHEVER IS GREATER; THE GROOVE FOR A LONGITUDINAL JOINT SHALL BE CUT TO A MINIMUM DEPTH OF 1-1/2" OR ONE-FOURTH OF THE PAVEMENT THICKNESS, WHICHEVER IS GREATER; AND THE WIDTH SHALL BE THE MINIMUM WIDTH POSSIBLE WITH THE SAW BEING USED, BUT SHALL NOT EXCEED 1/4".
2. EXPANSION JOINTS SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE DETAIL AND/OR PLANS. EXPANSION JOINT FILLER MATERIAL SHALL HAVE A MINIMUM THICKNESS OF 1/2", A MAXIMUM THICKNESS OF 3/4", A DEPTH EQUAL TO THE THICKNESS OF THE PAVEMENT, AND SHALL BE COMPOSED OF MATERIALS AS SPECIFIED OR APPROVED BY THE ENGINEER. AFTER THE CONCRETE HAS BEEN FINISHED, AN EDGER OF 1/4" RADIUS SHALL BE USED ON EACH SIDE OF THE EXPANSION JOINT FILLER. THE EXPANSION JOINT FILLER SHALL BE CLEANED OF ALL CONCRETE MORTAR.
3. WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED AT REGULAR INTERVALS NOT EXCEEDING 2.5' IN WALKS AND 20' IN GUTTERS. JOINTS IN CURB, GUTTER, AND WALK SHALL BE ALIGNED.
4. CURB AND GUTTER SHALL BE CONSTRUCTED SEPARATELY FROM SIDEWALK.
5. SIDEWALK AND CURBFACE SHALL BE TROWELED AND LIGHT BROOM FINISHED.
6. SIDEWALK, CURB AND GUTTER SHALL BE CONSTRUCTED OF CLASS 520-C-2500 PCC.
7. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK").
8. CONTRACTOR SHALL HAVE A VALID CLASS "A" OR "C8" CALIFORNIA CONTRACTOR'S LICENSE.

# CURB AND SIDEWALK JOINTS

**REVISIONS**

MARK	DATE	DESCRIPTION



## CITY OF BEVERLY HILLS, CALIFORNIA

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

RECOMMENDED *[Signature]* DATE 7-30-09  
CITY ENGINEER

APPROVED *[Signature]* DATE 7-31-09  
PUBLIC WORKS DIRECTOR

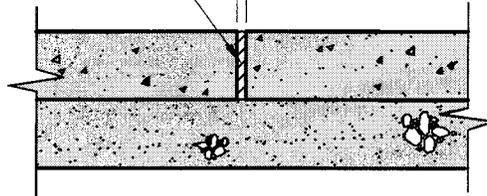
STANDARD DRAWING

# BH 104

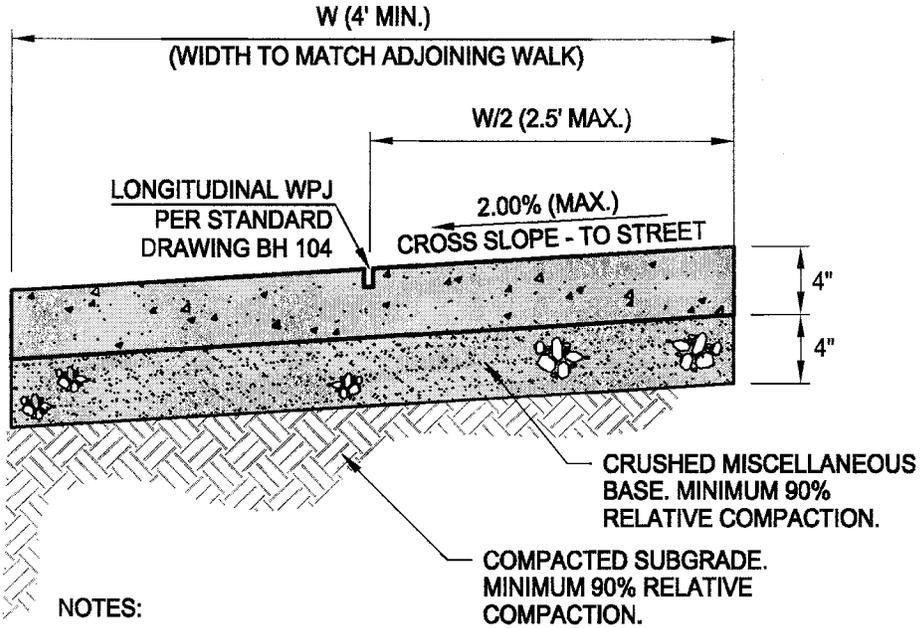
SHEET 1 OF 1

TRANSVERSE EXPANSION  
JOINT PER STANDARD  
DRAWING BH 104

1/2" MIN.  
3/4" MAX.



**EXPANSION JOINT SECTION**



**NOTES:**

1. SIDEWALK SHALL BE CONSTRUCTED OF CLASS 520-C-2500 PCC.
2. SEE BH 104 FOR JOINT LOCATION PLACEMENT.
3. CRUSHED MISCELLANEOUS BASE TO BE APPROVED BY THE CITY ENGINEER.
4. SIDEWALK SHALL BE TROWLED AND LIGHT BROOM FINISHED.
5. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK").
6. CONTRACTOR SHALL HAVE A VALID CLASS "A" OR "C8" CALIFORNIA CONTRACTOR'S LICENSE.

# STANDARD SIDEWALK SECTION

REVISIONS		
MARK	DATE	DESCRIPTION



## CITY OF BEVERLY HILLS, CALIFORNIA

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

RECOMMENDED

*Clint Torin*  
CITY ENGINEER

DATE 7-30-09

APPROVED

*[Signature]*  
PUBLIC WORKS DIRECTOR

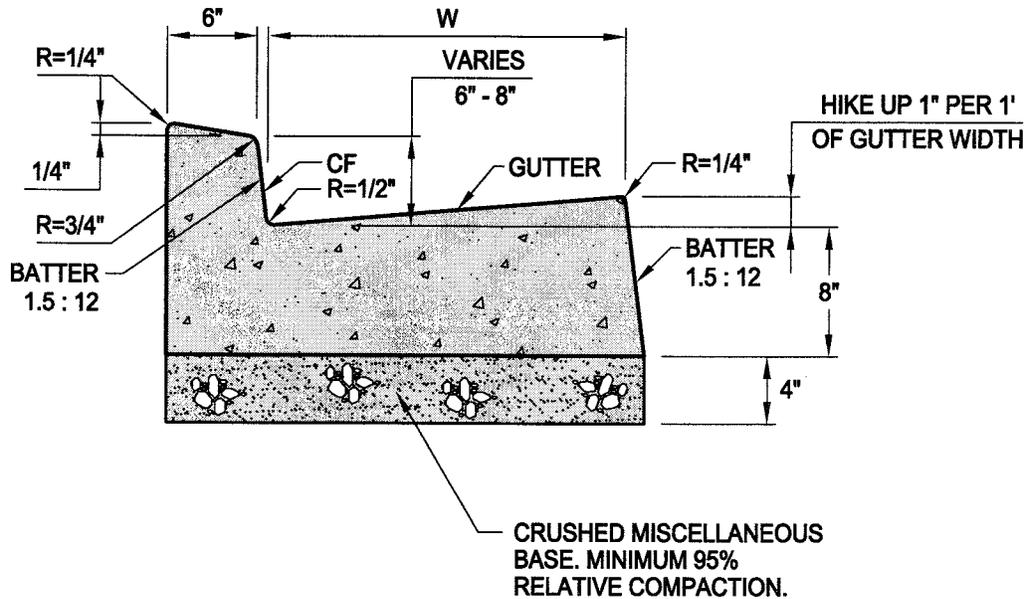
DATE 7-31-09

STANDARD DRAWING

**BH 105**

SHEET 1 OF 1





**NON-RESIDENTIAL  
INTEGRAL CURB AND GUTTER SECTION**

NOT TO SCALE

**NOTES:**

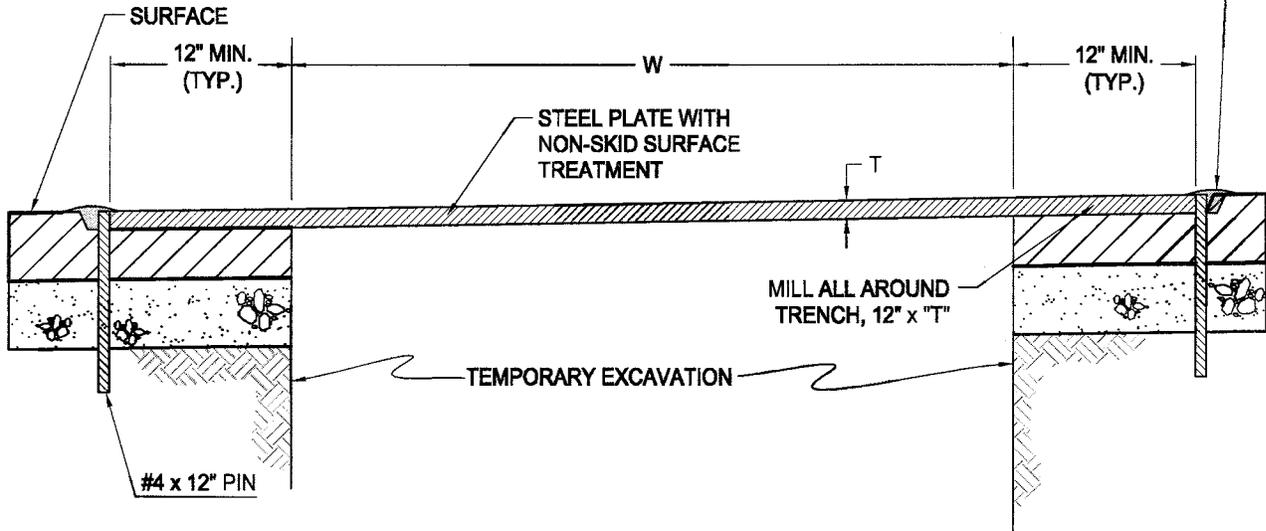
1. CURB AND GUTTER SHALL BE CONSTRUCTED OF CLASS 520-C-2500 PCC.
2. GUTTER WIDTH, W, SHALL MATCH EXISTING OR 24" MINIMUM, UNLESS OTHERWISE SPECIFIED.
3. AFTER THE CONCRETE HAS BEEN THOROUGHLY TAMPED TO FORCE THE LARGER AGGREGATE INTO THE CONCRETE AND BRING TO THE TOP SUFFICIENT FREE MORTAR FOR FINISHING, THE SURFACE SHALL BE WORKED TO A TRUE AND EVEN GRADE BY MEANS OF A FLOAT, TROWELED WITH A LONG HANDLED TROWEL OR "FRESNO", AND WOOD-FLOAT FINISHED. THE FLOWLINE OF THE GUTTER SHALL BE TROWELED SMOOTH FOR A WIDTH OF 4 INCHES FOR INTEGRAL CURB AND GUTTER. SIDE FORMS SHALL REMAIN IN PLACE FOR AT LEAST 24 HOURS AFTER COMPLETION OF THE GUTTER, BUT MUST BE REMOVED BEFORE THE WORK WILL BE ACCEPTED.
4. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK").
5. CONTRACTOR SHALL HAVE A VALID CLASS "A" OR "C8" CALIFORNIA CONTRACTOR'S LICENSE.

**NON-RESIDENTIAL INTEGRAL CURB AND GUTTER DETAIL**

REVISIONS				CITY OF BEVERLY HILLS, CALIFORNIA	
MARK	DATE	DESCRIPTION		DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION CIVIL ENGINEERING DIVISION	

RECOMMENDED  <small>CITY ENGINEER</small>	DATE 7-30-09	<b>STANDARD DRAWING</b> <b>BH 107</b> SHEET 1 OF 1
APPROVED  <small>PUBLIC WORKS DIRECTOR</small>	DATE 7-31-09	

TEMPORARY PAVING OR COLD-MIX ASPHALT CONCRETE (CUTBACK) PLACED AROUND ALL EDGES OF PLATE AND ROAD SURFACE. USE WEDGES TO PREVENT RATTLING.



"W" TRENCH WIDTH	"T" MINIMUM STEEL PLATE THICKNESS
≤ 3' - 0"	1 INCH
> 3' - 0", UP TO 4' - 0"	1-1/4 INCH

NOTES:

1. ALL STEEL TRENCH PLATES SHALL BE FULLY SUPPORTED AROUND THE PERIMETER TO PREVENT TIPPING.
2. TRENCHES AND EXCAVATIONS SHALL BE ADEQUATELY SHORED OR BRACED TO WITHSTAND HIGHWAY TRAFFIC LOADS.
3. WHEN TWO OR MORE PLATES ARE USED, THE PLATES SHALL BE TACK WELDED AT EACH CORNER OR AS REQUIRED BY THE CITY ENGINEER.
4. ALL TRENCH PLATES SHALL BE PINNED IN EACH CORNER WITH PINS MADE OF #4 REBAR, OR EQUIVALENT DIAMETER STEEL ROD, WITH A MINIMUM LENGTH OF 12"
5. ALL TRENCH PLATING SHALL BE DESIGNED FOR HS20-44 TRUCK LOADING.
6. FOR TRENCHES AND EXCAVATIONS WITH SPANS GREATER THAN FOUR FEET (4'), A STRUCTURAL DESIGN SHALL BE PREPARED BY A REGISTERED CIVIL OR STRUCTURAL ENGINEER AND REVIEWED BY THE CITY.
7. TRENCH PLATES SHALL BE USED WHEN TRENCH WORK CAN NOT BE COMPLETED WITHIN THE SAME WORKING DAY TO MAINTAIN ALL VEHICULAR, BICYCLE AND PEDESTRIAN TRAFFIC FLOW.
8. CONTRACTOR SHALL HAVE A VALID CLASS "A" OR "C8" CALIFORNIA CONTRACTOR'S LICENSE.

## STEEL PLATE FOR OPEN TRENCH DETAIL

REVISIONS		
MARK	DATE	DESCRIPTION



**CITY OF BEVERLY HILLS, CALIFORNIA**  
 DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
 CIVIL ENGINEERING DIVISION

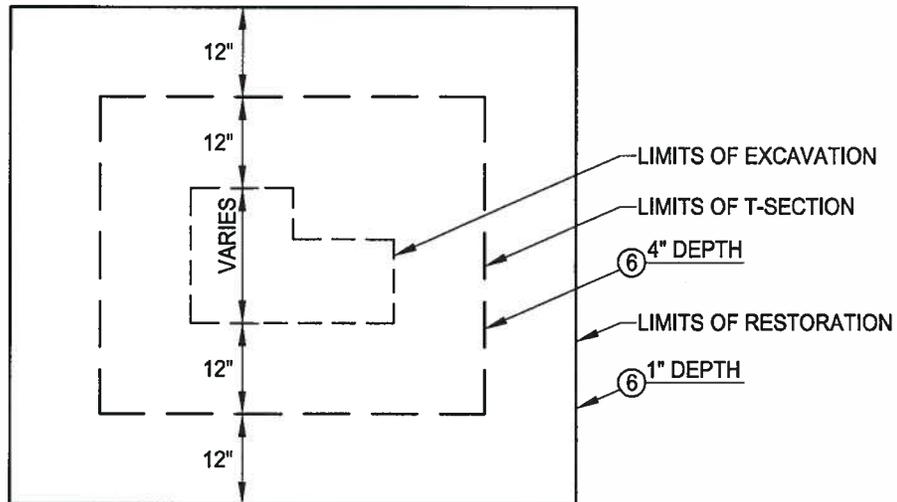
RECOMMENDED *[Signature]*  
CITY ENGINEER

APPROVED *[Signature]*  
PUBLIC WORKS DIRECTOR

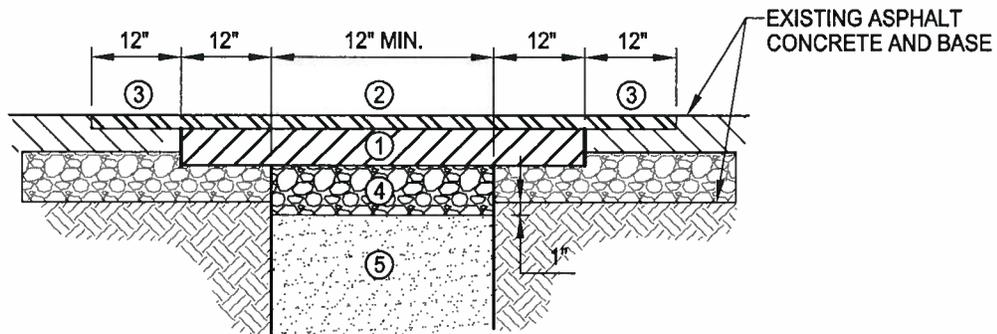
DATE 7-30-09

DATE 7-31-09

STANDARD DRAWING  
**BH 113**  
 SHEET 1 OF 1



**CASE I - PLAN**



**CASE I - EXISTING SECTION: ASPHALT CONCRETE**

- ① CONSTRUCT NEW ASPHALT CONCRETE BASE COURSE, TYPE B, PG 64-10, 1" THICKER THAN THE EXISTING SECTION.
- ② CONSTRUCT NEW ASPHALT CONCRETE WEARING COURSE:

TYPES OF STREETS	DEPTH	ASPHALT CONCRETE
LOCAL RESIDENTIAL STREETS	1"	TYPE D2, PG-64-10
STREETS WITH RUBBERIZED ASPHALT	2" MIN	ARHM-GG PG-64-16
COLLECTOR/MAJOR STREETS	1-1/2"	TYPE C2, PG-64-10

① AND ②: THE TOTAL THICKNESS OF ① + ② SHALL BE 4" MINIMUM FOR LOCAL OR COLLECTOR STREETS AND 6" MINIMUM FOR MAJOR STREETS. ASPHALT CONCRETE LAYERS SHALL BE COMPACTED TO 95% OF MAXIMUM THEORETICAL SPECIFIC GRAVITY.

## PAVEMENT REPLACEMENT SECTION - CASE I

REVISIONS		
MARK	DATE	DESCRIPTION



### CITY OF BEVERLY HILLS, CALIFORNIA

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

RECOMMENDED  DATE 11/18/2011  
APPROVED  DATE 11-18-11  
CITY ENGINEER  
PUBLIC WORKS DIRECTOR

STANDARD DRAWING

**BH 114**

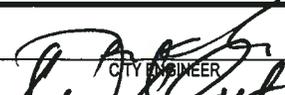
SHEET 1 OF 4

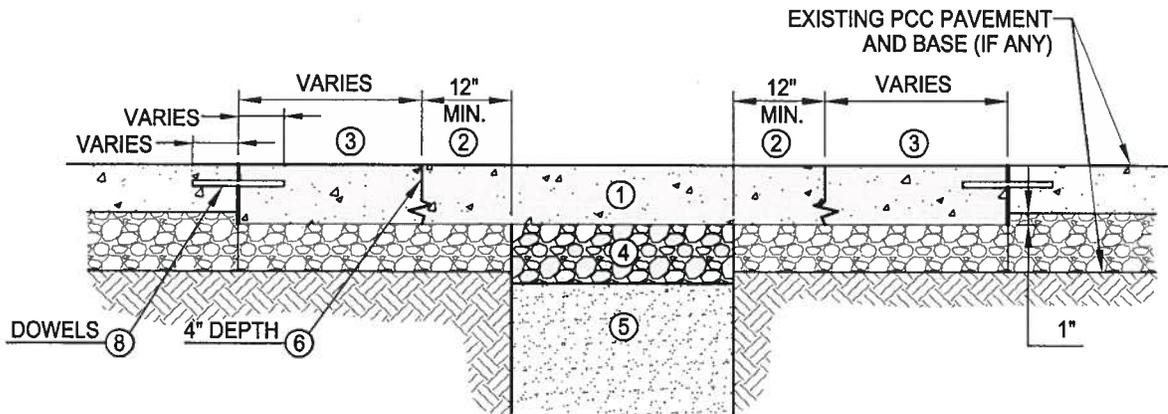
- ③ A. THE LIMITS OF THE RESTORATION SHALL BE A RECTANGULAR AREA EXTENDING A MINIMUM OF 12" BEYOND THE OUTER EDGE OF THE WIDEST PORTION OF THE T-SECTION. THE LIMITS SHALL BE SAWCUT AFTER BACKFILL OF TRENCH IS COMPLETED. THE EXISTING A.C. SHALL BE REMOVED TO A DEPTH EQUAL TO THE THICKNESS OF THE WEARING COURSE. REMOVAL BY COLD MILLING OR PNEUMATIC HAMMER IS ACCEPTABLE. IF THE REMOVALS ARE LESS THAN 5' APART OR LESS THAN 2' FROM A CONCRETE CURB, GUTTER OR CROSS GUTTER, THE RESTORATION SHALL BE CONTINUOUS BETWEEN EXCAVATIONS AND/OR THE EDGE OF THE CONCRETE.
- ④ CONSTRUCT NEW CRUSHED AGGREGATE BASE TO MATCH EXISTING THICKNESS OR 4" THICKNESS, WHICHEVER IS GREATER. COMPACT TO 95% OF RELATIVE DENSITY.
- ⑤ TRENCH BACKFILL SHALL BE EITHER:
  - A. NATIVE MATERIAL OR IMPORTED SOIL (IF NATIVE IS UNSUITABLE)
  - B. CRUSHED AGGREGATE BASE
  - C. TWO SACK CEMENT SAND SLURRY

COMPACTION TEST (USING CITY APPROVED METHOD) ARE REQUIRED UNLESS SLURRY IS USED.
- ⑥ SAWCUTTING WILL BE REQUIRED AROUND THE PERIMETER OF THE FINAL EDGE OF ALL EXCAVATIONS TO PROVIDE CLEAN, STRAIGHT, VERTICAL SIDES.
- 7. T-SECTIONS ARE 12" WIDE AS MEASURED FROM THE FINAL EDGE OF TRENCH (AFTER SLUFFING).
- 8. ALL TRAFFIC STRIPING AND/OR MARKINGS REMOVED BY RESTORATION WORK SHALL BE REPLACED.
- 9. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT EDITION OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS ("GREENBOOK").
- 10. CONTRACTOR SHALL HAVE A VALID CLASS "A" OR "C8" CALIFORNIA CONTRACTOR'S LICENSE.

## PAVEMENT REPLACEMENT SECTION - CASE I

REVISIONS				CITY OF BEVERLY HILLS, CALIFORNIA	
MARK	DATE	DESCRIPTION		DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION CIVIL ENGINEERING DIVISION	

RECOMMENDED	 <small>CITY ENGINEER</small>	DATE <u>11/18/2011</u>	STANDARD DRAWING
APPROVED	 <small>PUBLIC WORKS DIRECTOR</small>	DATE <u>11-18-11</u>	<b>BH 114</b>
			SHEET 2 OF 4



### CASE II - EXISTING SECTION: PORTLAND CONCRETE CEMENT

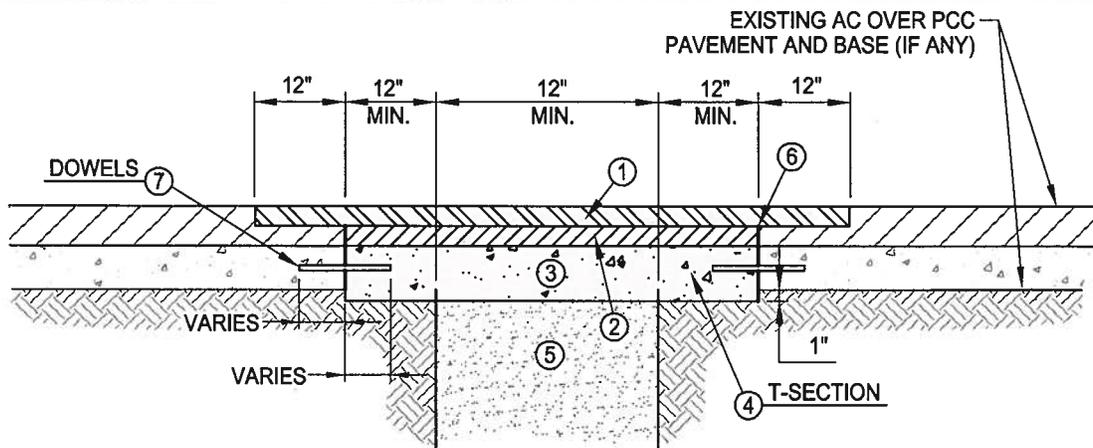
- ① CONSTRUCT NEW PCC PAVEMENT 1" THICKER THAN THE EXISTING CONCRETE, 6" MINIMUM.
- ② THE EXACT LIMITS FOR REMOVAL SHALL BE DETERMINED BY THE CITY ENGINEER SUCH THAT JOIN LINES ARE NOT WITHIN 2'-6" OF EXISTING PAVEMENT JOINTS OR SIGNIFICANT CRACKS. IF THE EXCAVATIONS ARE LESS THAN 5' APART OR LESS THAN 2'-6" FROM A CONCRETE CURB, GUTTER OR EXPANSION JOINT, THE RESTORATION SHALL BE CONTINUOUS BETWEEN EXCAVATIONS AND/OR THE EDGE OF CONCRETE.
- ③ FOR PCC STREETS OR INTERSECTIONS THE LIMITS OF THE RESTORATION SHALL BE A RECTANGULAR AREA EXTENDING TO THE NEAREST CONSTRUCTION JOINT. THE STRUCTURAL SECTION OUTSIDE THE UTILITY TRENCH AREA SHALL BE EQUAL TO ① + ④.
- ④ CONSTRUCT NEW CRUSHED AGGREGATE BASE TO MATCH EXISTING THICKNESS OR 4" THICKNESS, WHICHEVER IS GREATER. COMPACT TO 95% OF RELATIVE DENSITY.
- ⑤ TRENCH BACKFILL SHALL BE EITHER:
  - A. NATIVE MATERIAL OR IMPORTED SOIL (IF NATIVE IS UNSUITABLE)
  - B. CRUSHED AGGREGATE BASE
  - C. TWO SACK CEMENT SAND SLURRY
 COMPACTION TEST (USING CITY APPROVED METHOD) ARE REQUIRED UNLESS SLURRY IS USED.
- ⑥ SAWCUTTING WILL BE REQUIRED AROUND THE PERIMETER OF THE FINAL EDGE OF ALL EXCAVATIONS TO PROVIDE CLEAN, STRAIGHT, VERTICAL SIDES.
- ⑦ DOWEL SIZE, SPACING, AND EMBEDMENT SHOULD BE AS FOLLOWS:

CONCRETE THICKNESS	SIZE AND SPACING	EMBEDMENT
6"	#4 @ 16" O.C.	4"
8"	#5 @ 16" O.C.	6"
10"	#6 @ 16" O.C.	8"

8. ALL TRAFFIC STRIPING AND/OR MARKINGS REMOVED BY RESTORATION WORK SHALL BE REPLACED.
9. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT EDITION OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS ("GREENBOOK").
10. CONTRACTOR SHALL HAVE A VALID CLASS "A" OR "C8" CALIFORNIA CONTRACTOR'S LICENSE.

## PAVEMENT REPLACEMENT SECTION - CASE II

REVISIONS				CITY OF BEVERLY HILLS, CALIFORNIA	
MARK	DATE	DESCRIPTION		DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION CIVIL ENGINEERING DIVISION	
			RECOMMENDED	 CITY ENGINEER	DATE 11/18/2011
			APPROVED	 PUBLIC WORKS DIRECTOR	DATE 11-18-11
				STANDARD DRAWING	
				<b>BH 114</b>	
				SHEET 3 OF 4	



**CASE III - EXISTING SECTION: ASPHALT OVER CONCRETE**

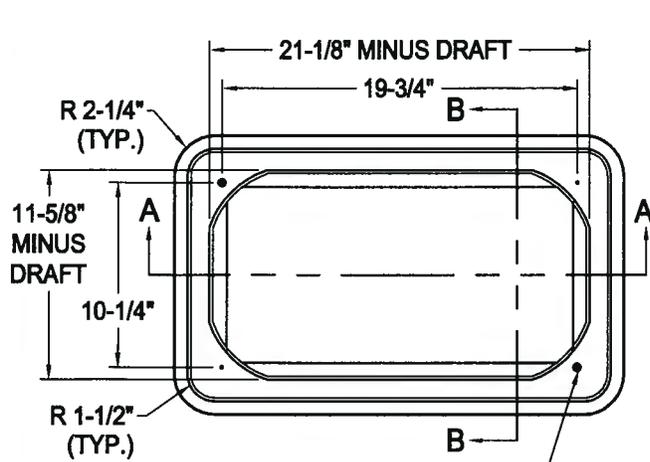
- ① CONSTRUCT 1" NEW ASPHALT CONCRETE WEARING COURSE TYPE D2, PG 64-10. FOR STREETS WITH RUBBERIZED ASPHALT USE ARHM-GG PG-64-16, 2" MIN.
- ② CONSTRUCT NEW ASPHALT CONCRETE BASE COURSE, TYPE B, PG 64-10.
- ③ CONSTRUCT NEW PCC PAVEMENT BASE, 560-C-3250, 1" THICKER THAN THE EXISTING CONCRETE, 6" MINIMUM. ASPHALT CONCRETE LAYERS SHALL BE COMPACTED TO 95% OF MAXIMUM THEORETICAL SPECIFIC GRAVITY.
- ④ THE EXACT LIMITS FOR REMOVAL SHALL BE DETERMINED BY THE CITY ENGINEER SUCH THAT JOIN LINES ARE NOT WITHIN 2'-6" OF EXISTING PAVEMENT JOINTS OR SIGNIFICANT CRACKS. IF THE EXCAVATIONS ARE LESS THAN 5' APART OR LESS THAN 2'-6" FROM A CONCRETE CURB, GUTTER OR EXPANSION JOINT, THE RESTORATION SHALL BE CONTINUOUS BETWEEN EXCAVATIONS AND/OR THE EDGE OF CONCRETE.
- ⑤ TRENCH BACKFILL SHALL BE EITHER:
  - A. NATIVE MATERIAL OR IMPORTED SOIL (IF NATIVE IS UNSUITABLE)
  - B. CRUSHED AGGREGATE BASE
  - C. TWO SACK CEMENT SAND SLURRY
 COMPACTION TEST (USING CITY APPROVED METHOD) ARE REQUIRED UNLESS SLURRY IS USED.
- ⑥ SAWCUTTING WILL BE REQUIRED AROUND THE PERIMETER OF THE FINAL EDGE OF ALL EXCAVATIONS TO PROVIDE CLEAN, STRAIGHT, VERTICAL SIDES.
- ⑦ DOWEL SIZE, SPACING, AND EMBEDMENT SHOULD BE AS FOLLOWS:

CONCRETE THICKNESS	SIZE AND SPACING	EMBEDMENT
6"	#4 @ 16" O.C.	4"
8"	#5 @ 16" O.C.	6"
10"	#6 @ 16" O.C.	8"

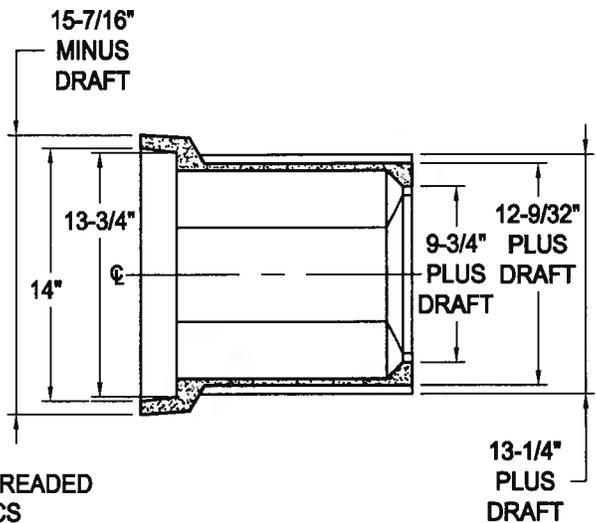
- 8. ALL TRAFFIC STRIPING AND/OR MARKINGS REMOVED BY RESTORATION WORK SHALL BE REPLACED.
- 9. ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT EDITION OF STANDARD SPECIFICATIONS FOR PUBLIC WORKS ("GREENBOOK").
- 10. CONTRACTOR SHALL HAVE A VALID CLASS "A" OR "C8" CALIFORNIA CONTRACTOR'S LICENSE.

**PAVEMENT REPLACEMENT SECTION - CASE III**

REVISIONS				CITY OF BEVERLY HILLS, CALIFORNIA	
MARK	DATE	DESCRIPTION		DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION CIVIL ENGINEERING DIVISION	
			RECOMMENDED 	DATE <u>11/18/2011</u>	STANDARD DRAWING <b>BH 114</b> SHEET 4 OF 4
			APPROVED 	DATE <u>11-18-11</u>	

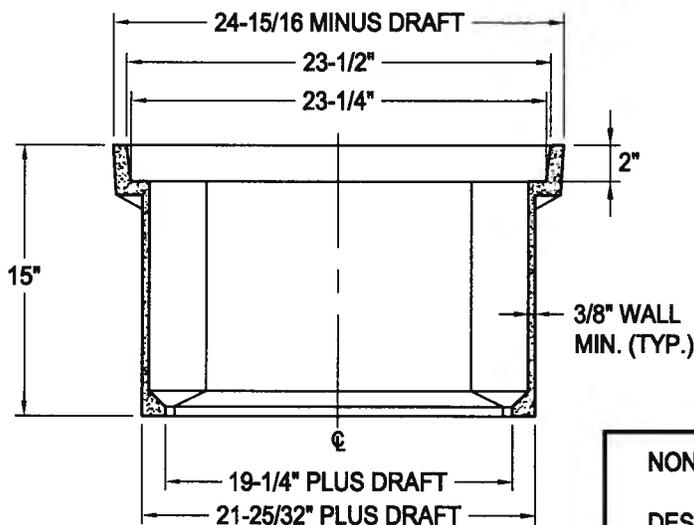


**PLAN VIEW**

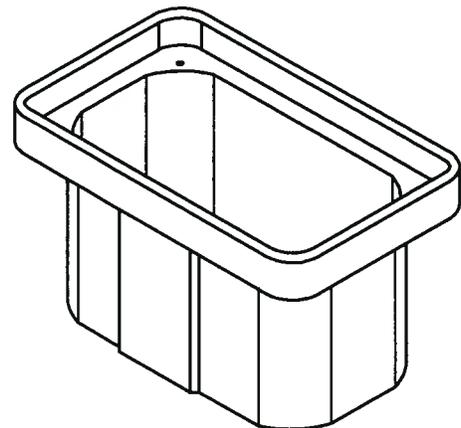


**SECTION B-B**

3/8-16 SST THREADED INSERT, 2 PLCS  
(4 PLCS OR FLOATING NUT ALSO AVAILABLE)



**SECTION A-A**



NON-TRAFFIC RATED	
DESCRIPTION OF MATERIAL:	POLYMER CONCRETE (GRAY)
TOLERANCE:	±1/8"
ESTIMATED PART WEIGHT:	65.0 LBS.

**WATER METER BOX & LID - 13" x 24"**

REVISIONS		
MARK	DATE	DESCRIPTION

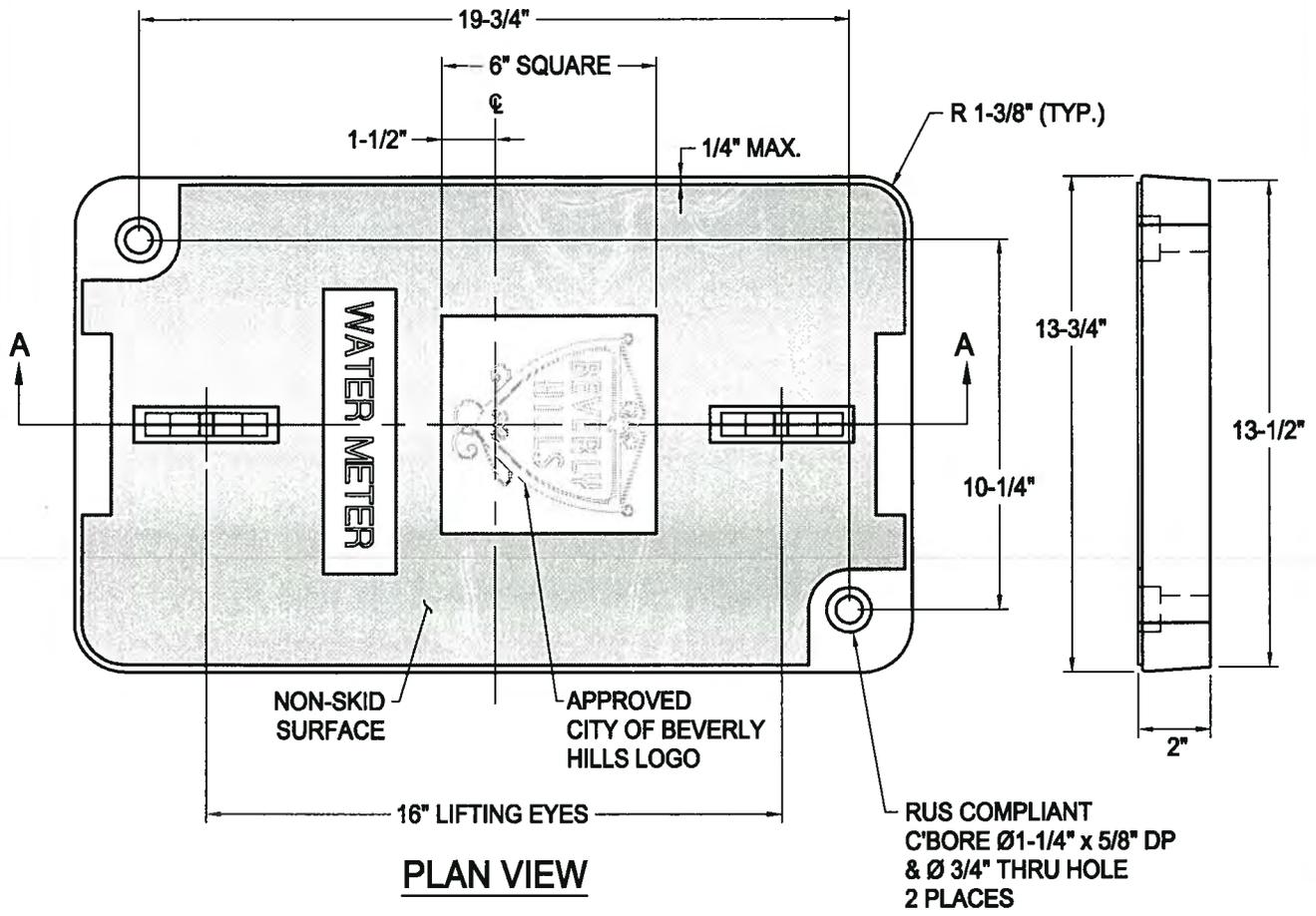


**CITY OF BEVERLY HILLS, CALIFORNIA**

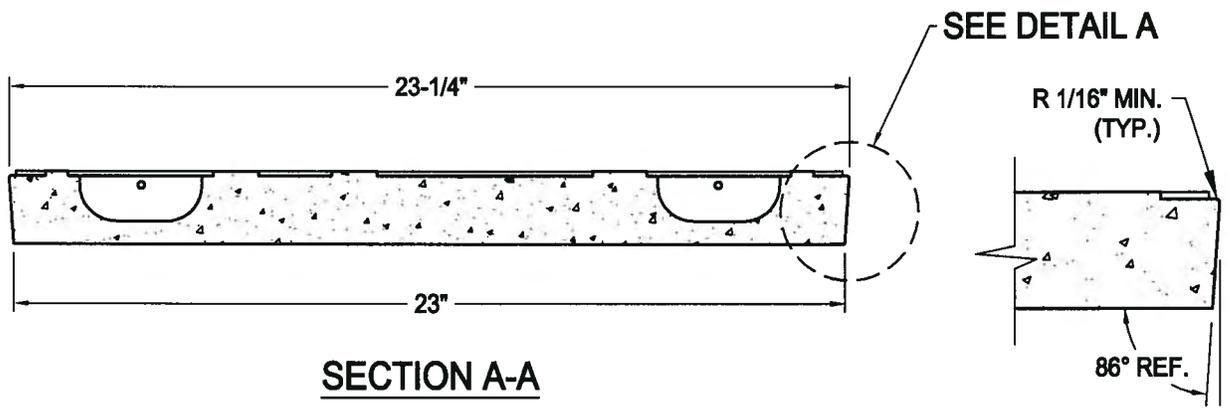
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

RECOMMENDED *Chris T...* DATE 11-18-10  
CITY ENGINEER  
APPROVED *...* DATE 11-18-10  
PUBLIC WORKS DIRECTOR

STANDARD DRAWING  
**BH 712**  
SHEET 1 OF 2



**PLAN VIEW**



**SECTION A-A**

**DETAIL A**

**WATER METER BOX & LID - 13" x 24"**

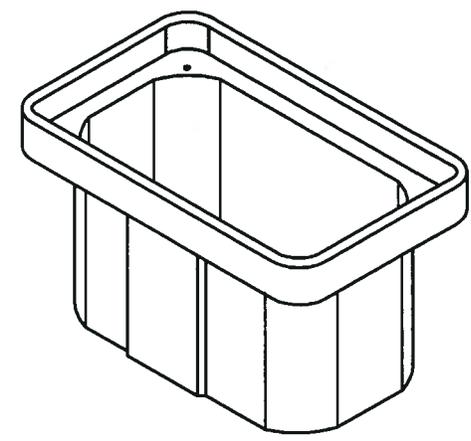
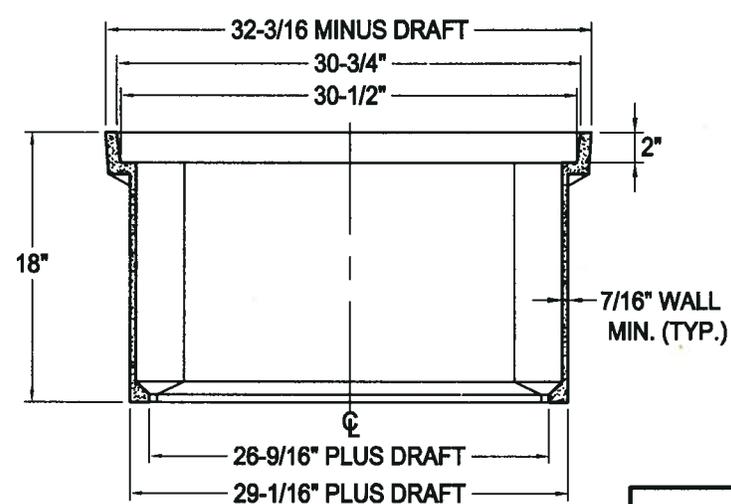
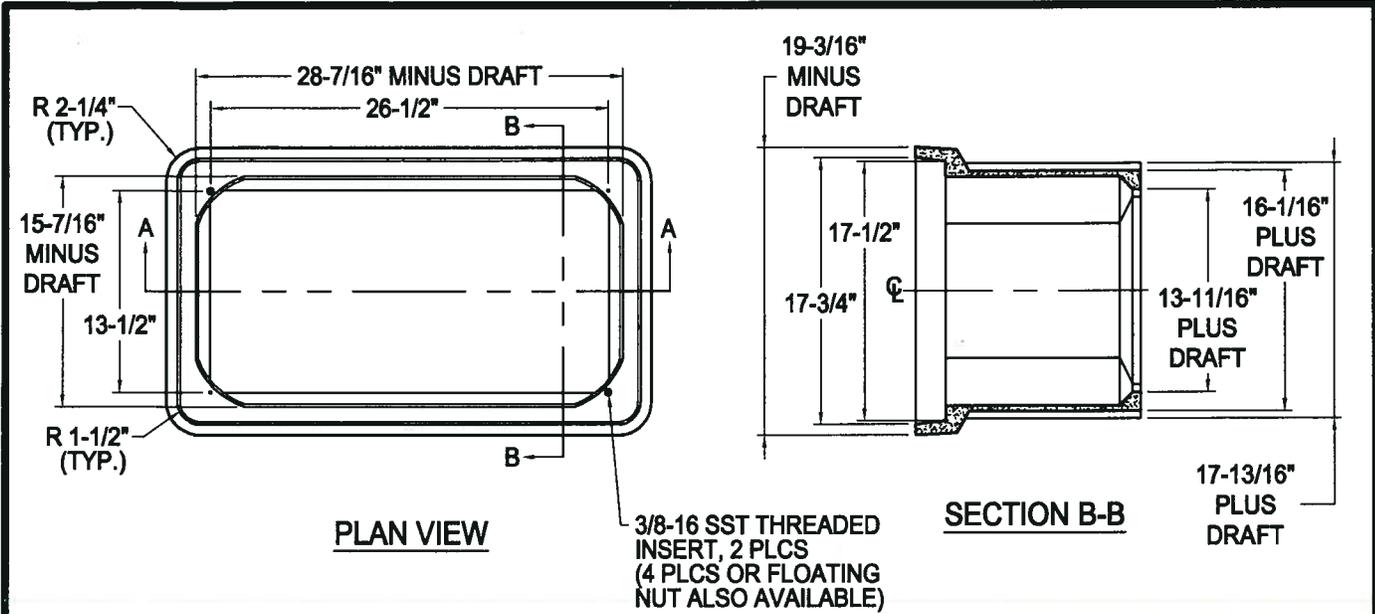
REVISIONS		
MARK	DATE	DESCRIPTION



**CITY OF BEVERLY HILLS, CALIFORNIA**  
 DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
 CIVIL ENGINEERING DIVISION

RECOMMENDED *Christina* DATE *11-8-10*  
 CITY ENGINEER  
 APPROVED *Russell* DATE *11-18-10*  
 PUBLIC WORKS DIRECTOR

STANDARD DRAWING  
**BH 712**  
 SHEET 2 OF 2



NON-TRAFFIC RATED	
DESCRIPTION OF MATERIAL:	POLYMER CONCRETE (GRAY)
TOLERANCE:	±1/8"
ESTIMATED PART WEIGHT:	99.0 LBS.

## WATER METER BOX & LID - 17" x 30"

REVISIONS		
MARK	DATE	DESCRIPTION

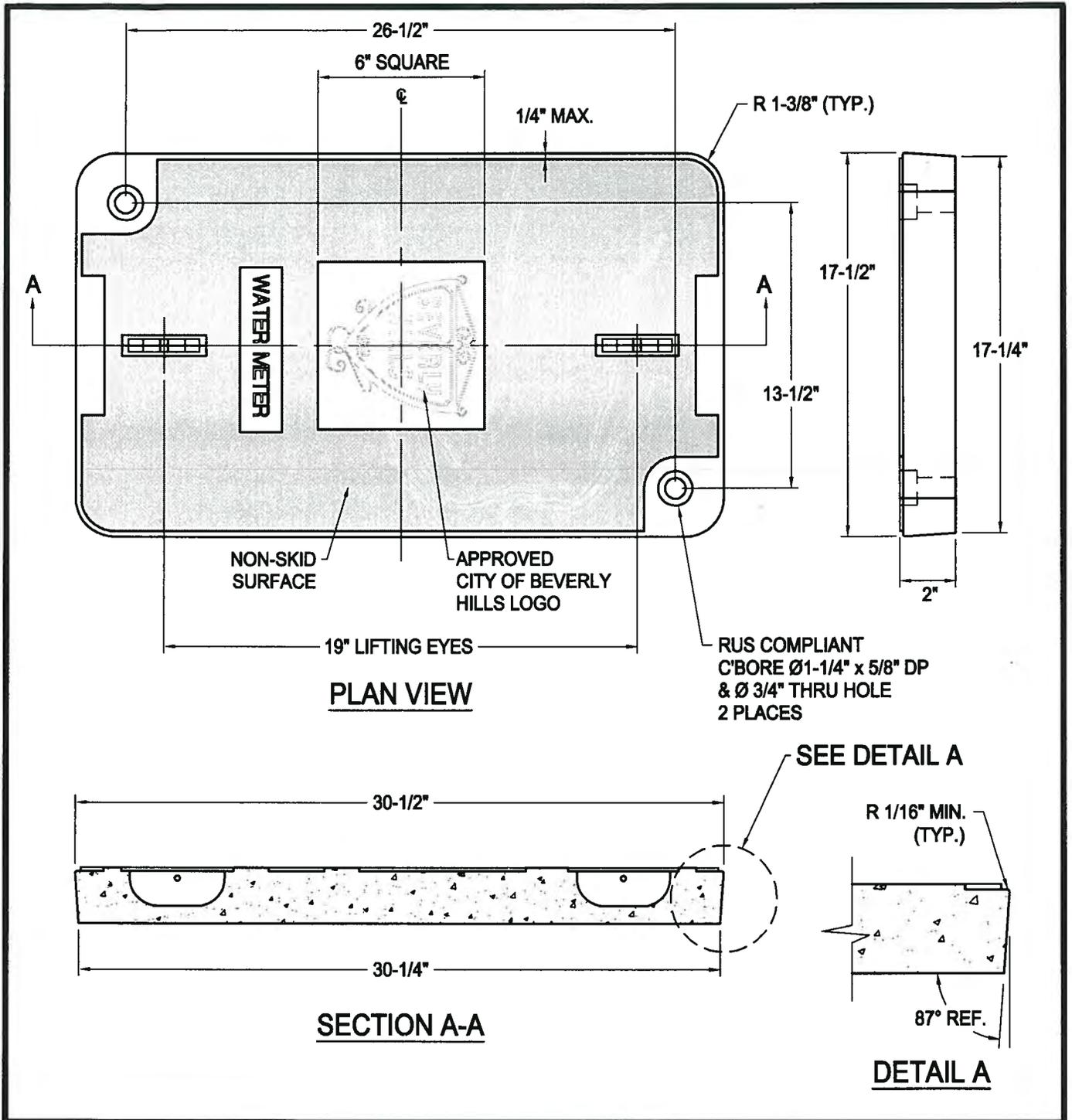


**CITY OF BEVERLY HILLS, CALIFORNIA**  
 DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
 CIVIL ENGINEERING DIVISION

RECOMMENDED *[Signature]* DATE 11-18-10  
CITY ENGINEER

APPROVED *[Signature]* DATE 11-18-10  
PUBLIC WORKS DIRECTOR

STANDARD DRAWING  
**BH 713**  
 SHEET 1 OF 2



## WATER METER BOX & LID - 17" x 30"

REVISIONS		
MARK	DATE	DESCRIPTION



**CITY OF BEVERLY HILLS, CALIFORNIA**

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

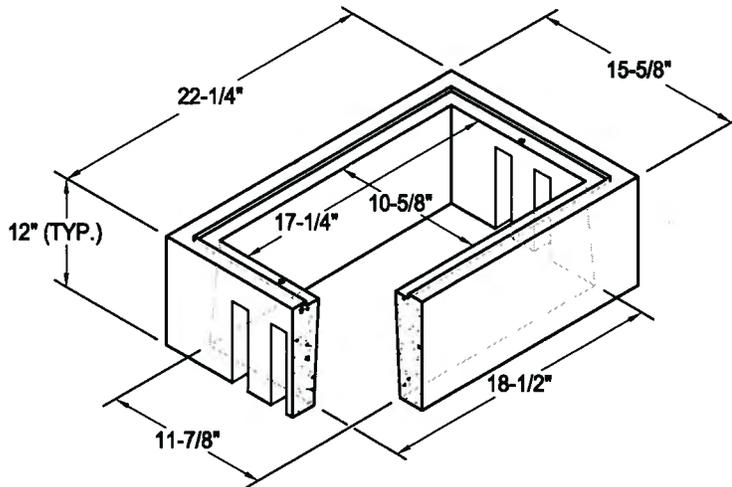
RECOMMENDED *[Signature]* DATE *11-18-10*  
CITY ENGINEER

APPROVED *[Signature]* DATE *11-18-10*  
PUBLIC WORKS DIRECTOR

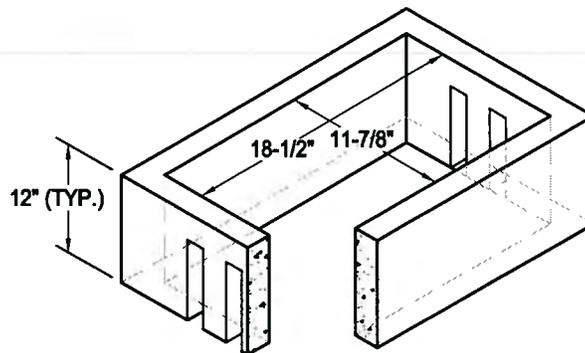
STANDARD DRAWING

**BH 713**

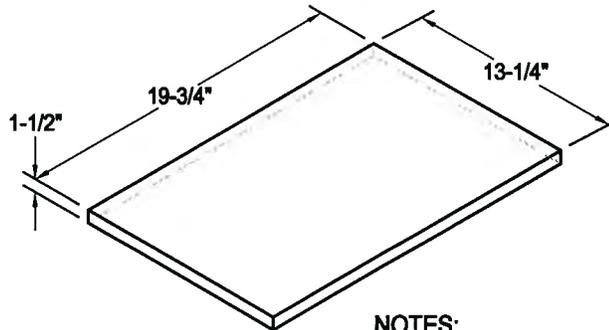
SHEET 2 OF 2



**TRAFFIC BOX**  
 REINFORCED CONCRETE  
 H-20 LOADING  
 130 lbs.



**EXTENSION**  
 REINFORCED CONCRETE  
 H-20 LOADING  
 129 lbs.



**SLAB**  
 REINFORCED CONCRETE  
 32 lbs.

NOTES:

- CALTRANS No. 3-1/2T STATE SPECIFICATIONS.

**10" x 17" WATER METER BOX & LID - H/20 LOADING**

REVISIONS		
MARK	DATE	DESCRIPTION



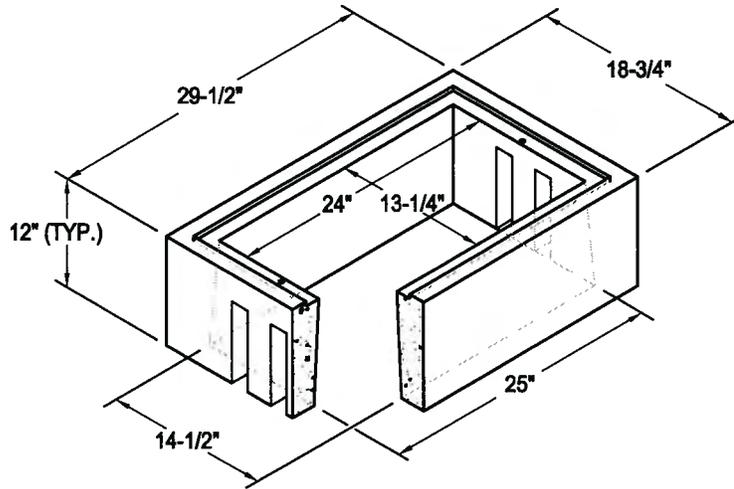
**CITY OF BEVERLY HILLS, CALIFORNIA**

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
 CIVIL ENGINEERING DIVISION

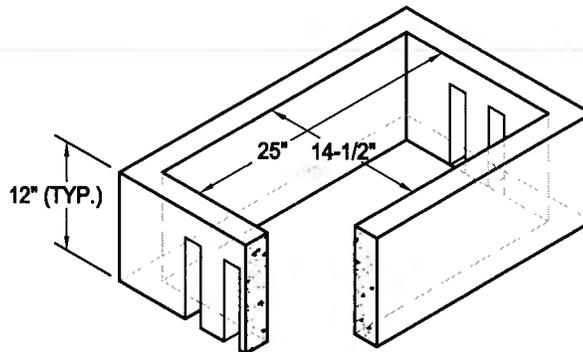
RECOMMENDED *[Signature]* DATE *11-18-10*  
 CITY ENGINEER  
 APPROVED *[Signature]* DATE *11-18-10*  
 PUBLIC WORKS DIRECTOR

STANDARD DRAWING  
**BH 714**  
 SHEET 1 OF 2

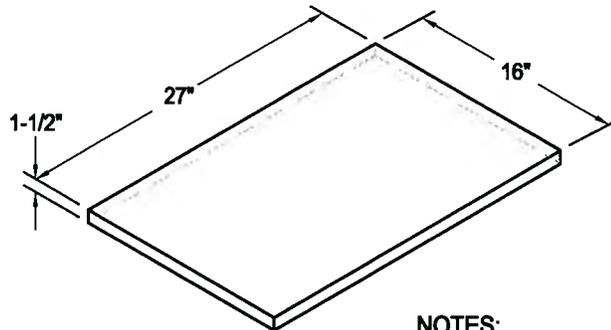




**TRAFFIC BOX**  
 REINFORCED CONCRETE  
 H-20 LOADING  
 166 lbs.



**EXTENSION**  
 REINFORCED CONCRETE  
 H-20 LOADING  
 163 lbs.



**SLAB**  
 REINFORCED CONCRETE  
 52 lbs.

**NOTES:**

1. CALTRANS No. 5T STATE SPECIFICATIONS.

**13" x 24" WATER METER BOX & LID - H/20 LOADING**

REVISIONS		
MARK	DATE	DESCRIPTION



**CITY OF BEVERLY HILLS, CALIFORNIA**

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
 CIVIL ENGINEERING DIVISION

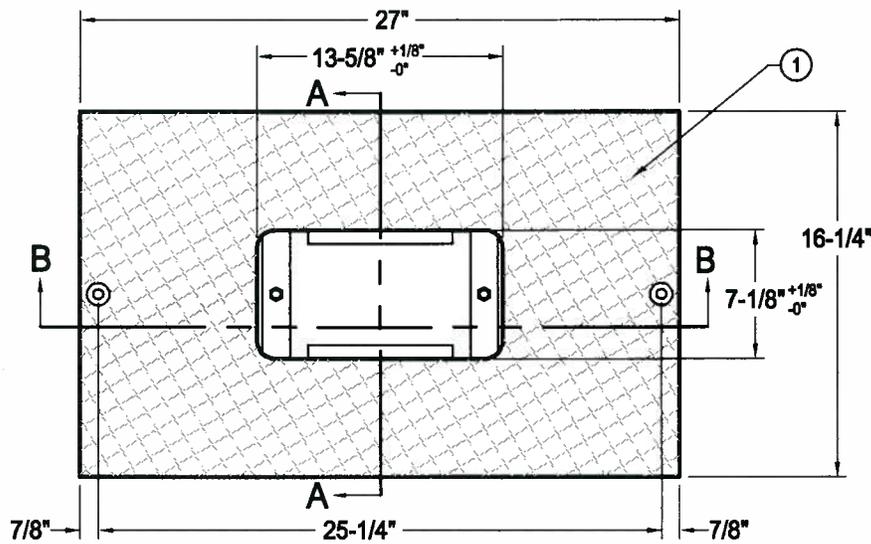
RECOMMENDED *[Signature]*  
 CITY ENGINEER

APPROVED *[Signature]*  
 PUBLIC WORKS DIRECTOR

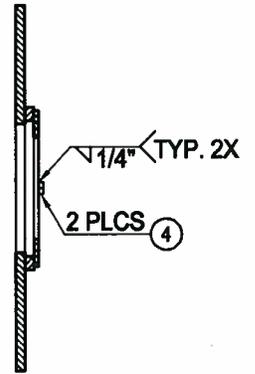
DATE 11-18-10

DATE 11-18-10

STANDARD DRAWING  
**BH 715**  
 SHEET 1 OF 2



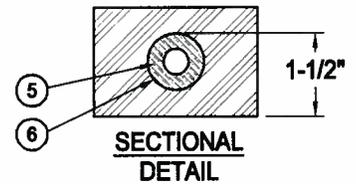
PLAN VIEW



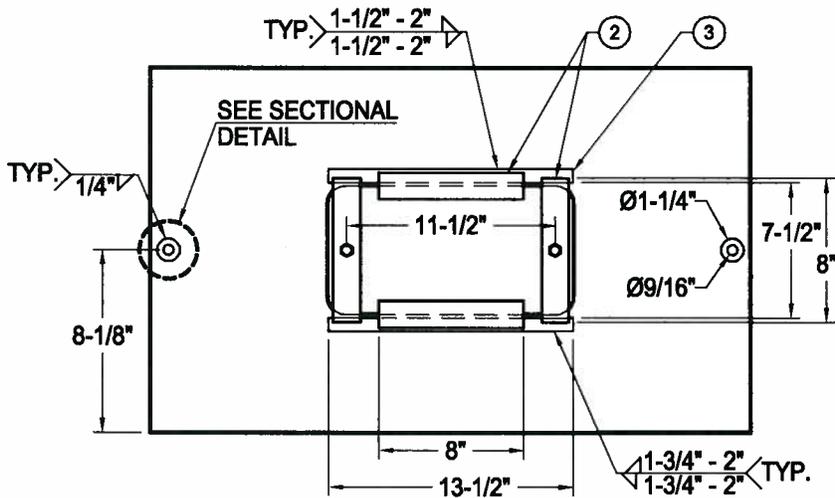
SECTION A-A



SECTION B-B



SECTIONAL DETAIL



**MATERIALS**

- ① - 1/2" DIAMOND CHECKER PLATE
- ② - 1/4" x 1-1/2" STEEL FLAT STOCK
- ③ - 3/4" x 1/2" STEEL FLAT STOCK
- ④ - 3/8" - 16 STEEL NUT
- ⑤ - 3/16" THICK WASHER TO BE WELDED PER ASTM A-706
- ⑥ - SURFACE AROUND WELD TO BE FLAT

**13" x 24" WATER METER BOX & LID - H/20 LOADING**

REVISIONS		
MARK	DATE	DESCRIPTION



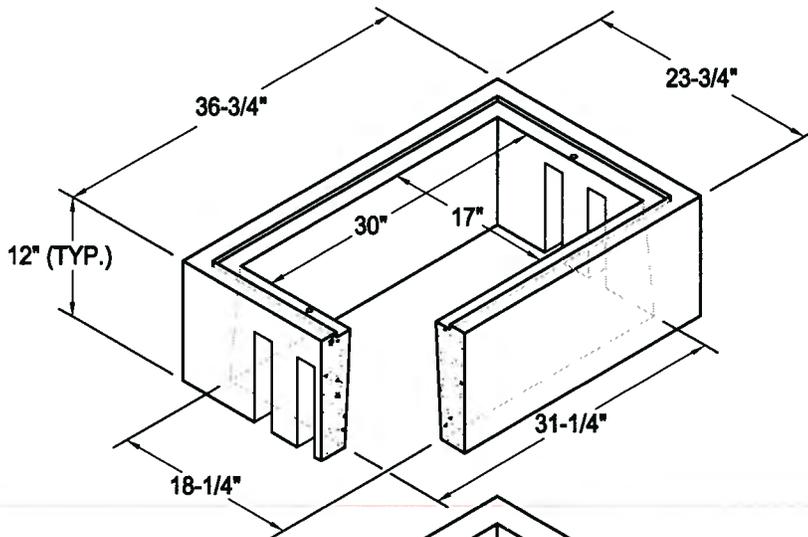
**CITY OF BEVERLY HILLS, CALIFORNIA**

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

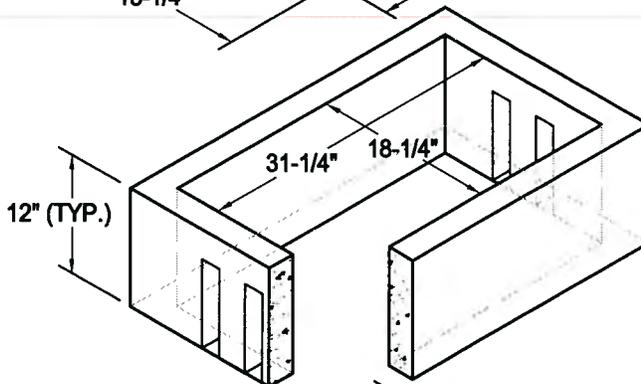
RECOMMENDED *[Signature]* DATE 11-18-10  
CITY ENGINEER

APPROVED *[Signature]* DATE 11-18-10  
PUBLIC WORKS DIRECTOR

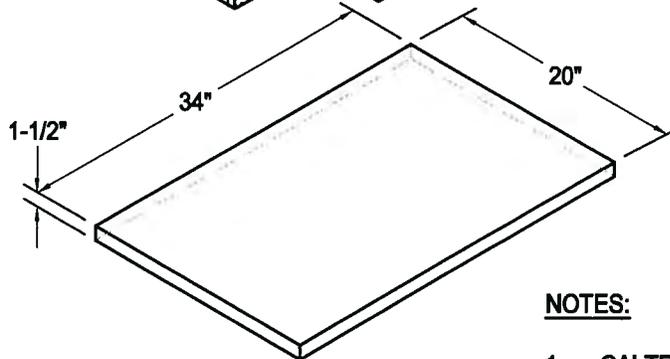
STANDARD DRAWING  
**BH 715**  
SHEET 2 OF 2



**BOX**  
 REINFORCED CONCRETE  
 H-20 LOADING  
 268 lbs.



**EXTENSION**  
 REINFORCED CONCRETE  
 H-20 LOADING  
 250 lbs.



**SLAB**  
 REINFORCED CONCRETE  
 108 lbs.

**NOTES:**

1. CALTRANS No. 6T STATE SPECIFICATIONS.

**17" x 30" WATER METER BOX & LID - H/20 LOADING**

REVISIONS		
MARK	DATE	DESCRIPTION



**CITY OF BEVERLY HILLS, CALIFORNIA**

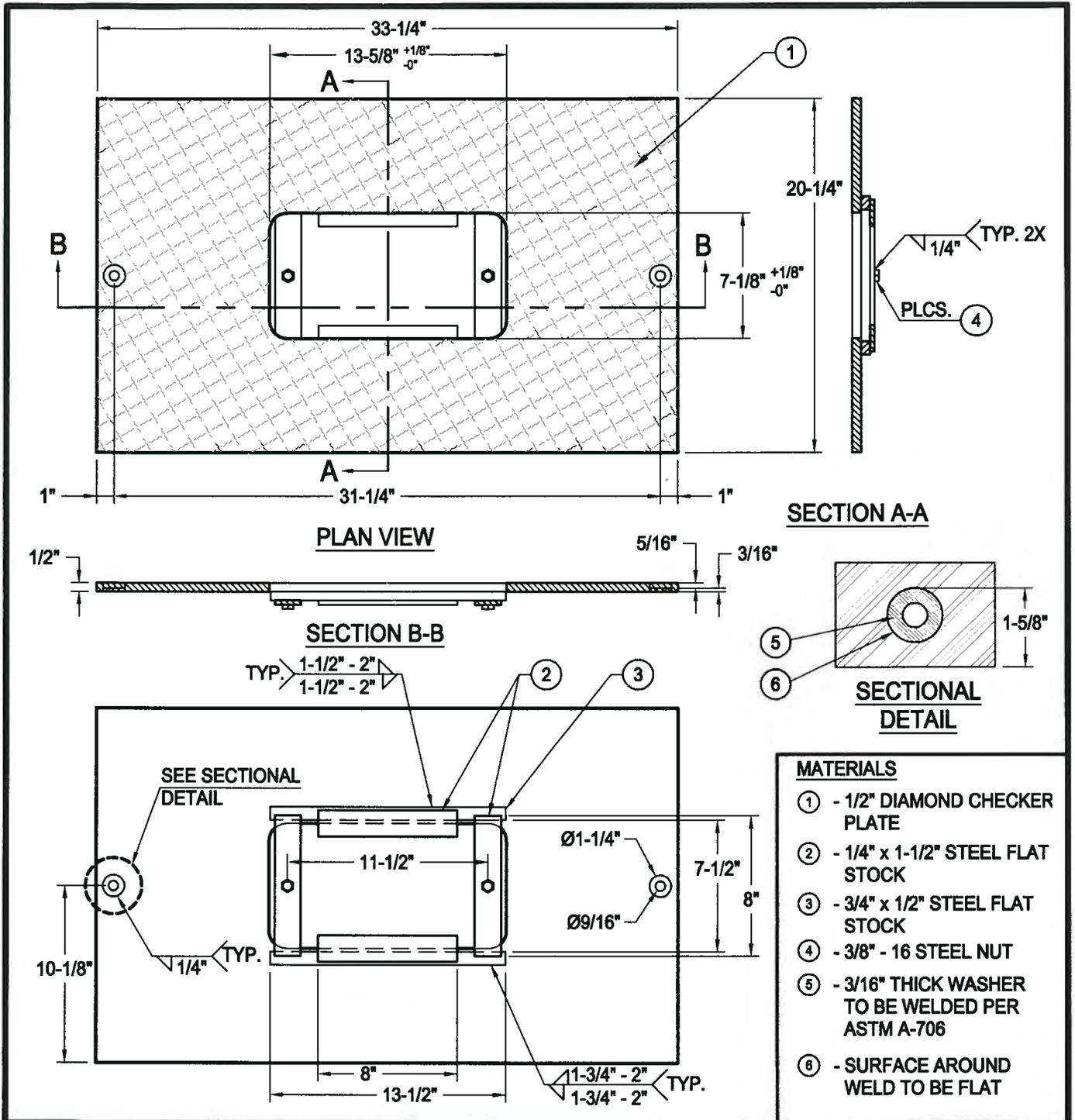
DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
 CIVIL ENGINEERING DIVISION

RECOMMENDED *[Signature]* DATE 11-18-10  
 CITY ENGINEER  
 APPROVED *[Signature]* DATE 11-18-10  
 PUBLIC WORKS DIRECTOR

STANDARD DRAWING

**BH 716**

SHEET 1 OF 2



# 17" x 30" WATER METER BOX & LID - H/20 LOADING

REVISIONS		
MARK	DATE	DESCRIPTION



## CITY OF BEVERLY HILLS, CALIFORNIA

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

RECOMMENDED *[Signature]*  
CITY ENGINEER

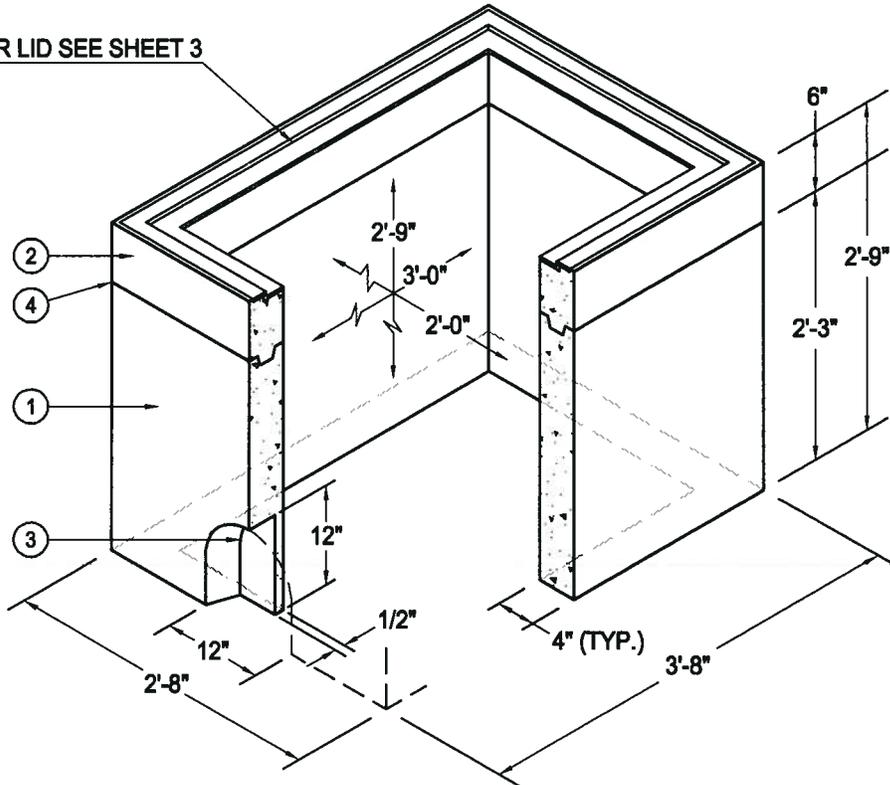
APPROVED *[Signature]*  
PUBLIC WORKS DIRECTOR

DATE 11-18-10

DATE 11-18-10

STANDARD DRAWING  
**BH 716**  
SHEET 2 OF 2

FOR LID SEE SHEET 3



**NOTES:**

1. DESIGNED FOR PEDESTRIAN/PARKWAY LOADS OR TRAFFIC AASHTO H20 FOR USE IN OFF-STREET LOCATIONS ONLY.  
  
STRUCTURE DESIGNED IN ACCORDANCE WITH:  
- AASHTO H-20 TRAFFIC BRIDGE LOADING  
- ASTM C-857 STANDARD PRACTICE FOR MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES  
- AMERICAN CONCRETE INSTITUTE ACI 318-05
2. CONCRETE COMPRESSIVE STRENGTH  $F_c = 5500$  PSI.
3. REINFORCEMENT IN ACCORDANCE WITH ASTM A-706 WITH A YIELD STRENGTH OF  $F_y = 60,000$  PSI.
4. 6" MINIMUM COMPACTED GRANULAR MATERIAL RECOMMENDED FOR SUB-BASE FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION.
5. MINIMUM EXCAVATION SIZE: 3'-2" x 4'-2" x REQUIRED DEPTH.

**MATERIALS:**

- ① 27" HIGH LOWER SECTION.
- ② 6" TOP SECTION WITH GALVANIZED CAST-IN FRAME.
- ③ 12" x 12" KNOCK OUT x 3-1/2" DEEP ON EACH END WALL
- ④ 6" OR 12" EXTENSION SECTIONS AVAILABLE.

## 2' x 3' WATER VAULT BOX & LID

REVISIONS		
MARK	DATE	DESCRIPTION



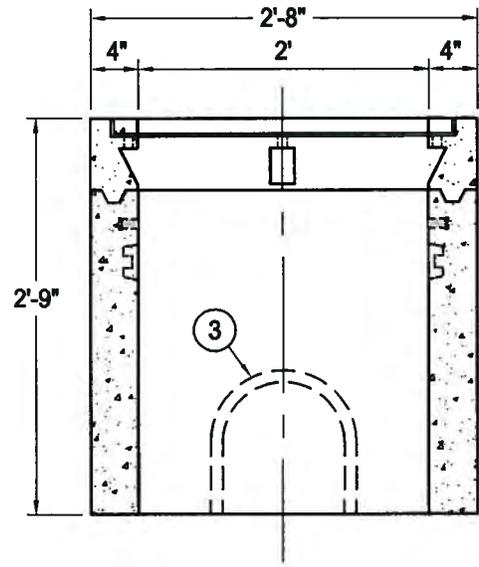
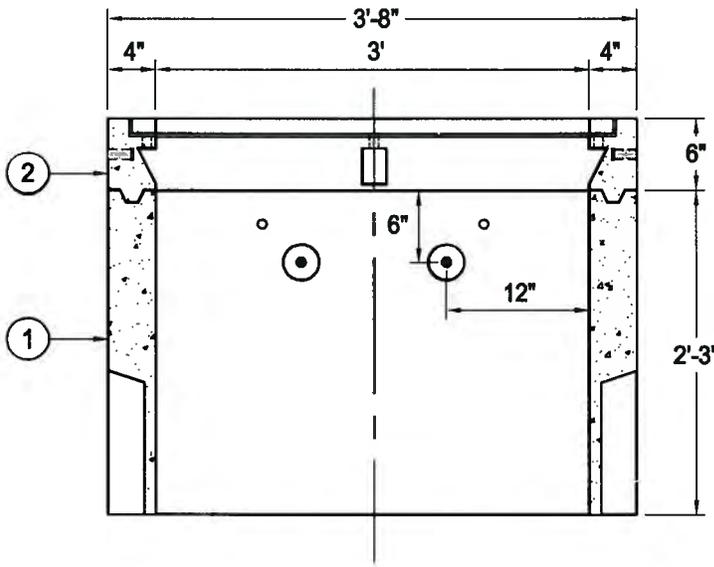
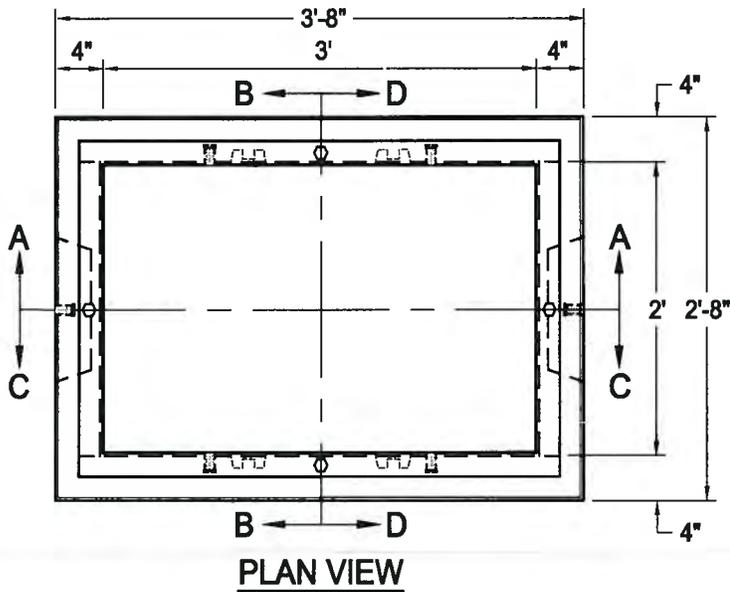
### CITY OF BEVERLY HILLS, CALIFORNIA

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

RECOMMENDED  DATE 11-18-10  
CITY ENGINEER

APPROVED  DATE 11-18-10  
PUBLIC WORKS DIRECTOR

STANDARD DRAWING  
**BH 717**  
SHEET 1 OF 3



## 2' x 3' WATER VAULT BOX & LID

REVISIONS		
MARK	DATE	DESCRIPTION



**CITY OF BEVERLY HILLS, CALIFORNIA**

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

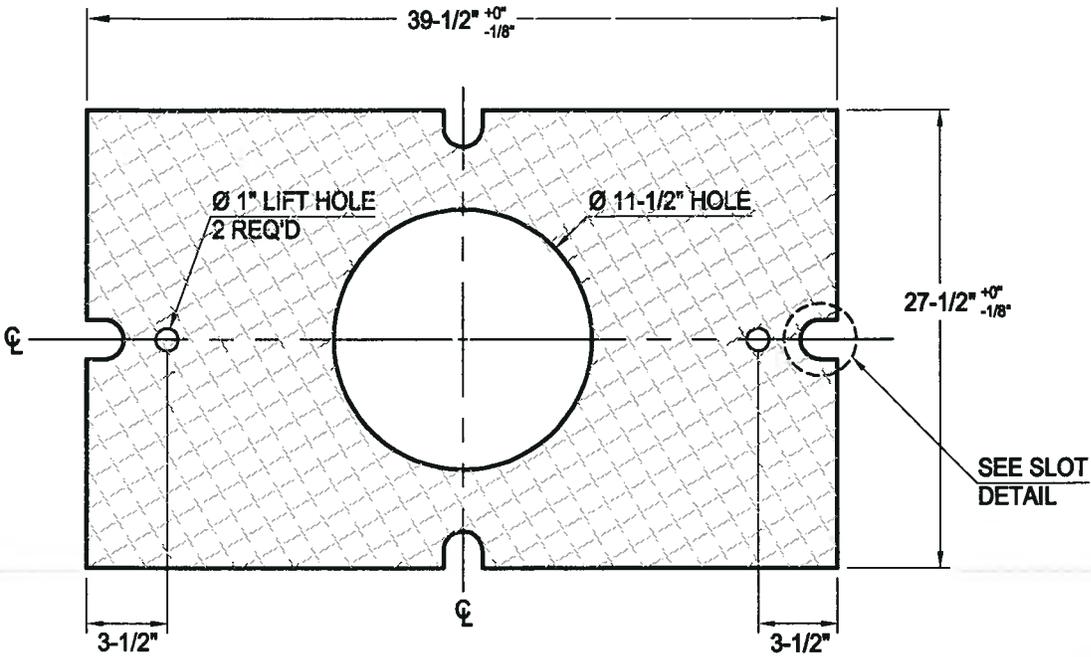
RECOMMENDED *[Signature]*  
CITY ENGINEER

APPROVED *[Signature]*  
PUBLIC WORKS DIRECTOR

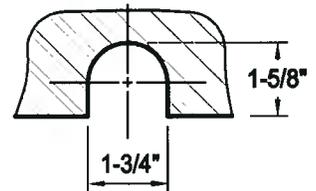
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DATE 11-18-10

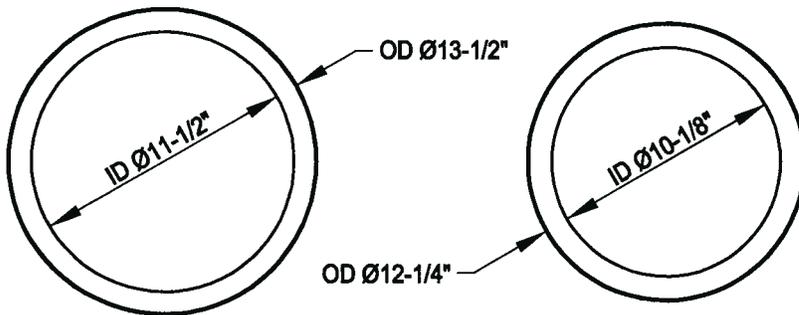
STANDARD DRAWING  
**BH 717**  
SHEET 2 OF 3



PLAN VIEW



SLOT DETAIL  
4 PLACES



1/4" PLATE (1)

1/4" PLATE (1)

APPROX. 104 lbs.

QTY.	MATERIALS
1	5/16" DIAMOND PLATE 27-1/2" x 39-1/2"
1	10-1/8" ID x 12-1/4" OD 1/4" PLATE
1	11-1/2" ID x 13-1/2" OD 1/4" PLATE

## 2' x 3' WATER VAULT BOX & LID

REVISIONS		
MARK	DATE	DESCRIPTION



**CITY OF BEVERLY HILLS, CALIFORNIA**

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

RECOMMENDED *[Signature]*  
CITY ENGINEER

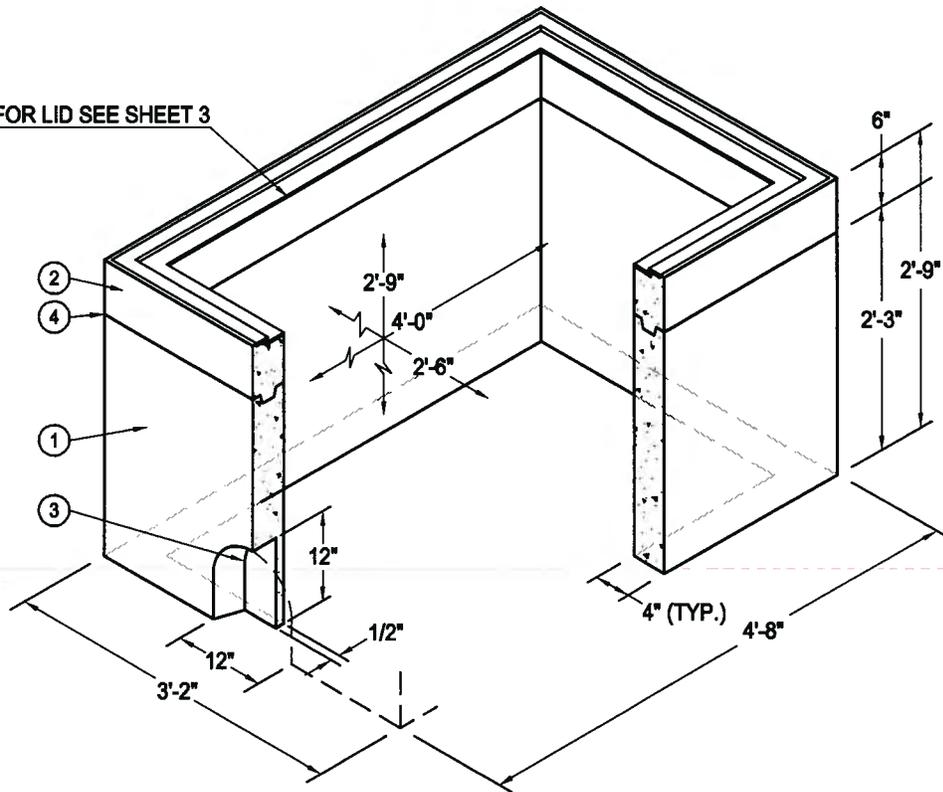
APPROVED *[Signature]*  
PUBLIC WORKS DIRECTOR

DATE 11-18-10

DATE 11-18-10

STANDARD DRAWING  
**BH 717**  
SHEET 3 OF 3

FOR LID SEE SHEET 3



**NOTES:**

1. DESIGNED FOR PEDESTRIAN/PARKWAY LOADS OR TRAFFIC AASHTO H20 FOR USE IN OFF-STREET LOCATIONS ONLY.  
  
STRUCTURE DESIGNED IN ACCORDANCE WITH:  
  - AASHTO H-20 TRAFFIC BRIDGE LOADING
  - ASTM C-857 STANDARD PRACTICE FOR MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES
  - AMERICAN CONCRETE INSTITUTE ACI 318-05
2. CONCRETE COMPRESSIVE STRENGTH  $F_c = 5500$  PSI.
3. REINFORCEMENT IN ACCORDANCE WITH ASTM A-706 WITH A YIELD STRENGTH OF  $F_y = 60,000$  PSI.
4. 6" MINIMUM COMPACTED GRANULAR MATERIAL RECOMMENDED FOR SUB-BASE FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION.
5. MINIMUM EXCAVATION SIZE: 3'-8" x 5'-2" x REQUIRED DEPTH.

**MATERIALS:**

- ① 27" HIGH LOWER SECTION.
- ② 6" TOP SECTION WITH GALVANIZED CAST-IN FRAME.
- ③ 12" x 12" KNOCK OUT x 3-1/2" DEEP ON EACH END WALL
- ④ 6" OR 12" EXTENSION SECTIONS AVAILABLE.

## 2'-6" x 4' WATER VAULT BOX & LID

REVISIONS		
MARK	DATE	DESCRIPTION



### CITY OF BEVERLY HILLS, CALIFORNIA

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

RECOMMENDED

*[Signature]*  
CITY ENGINEER

DATE

11-18-10

APPROVED

*[Signature]*  
PUBLIC WORKS DIRECTOR

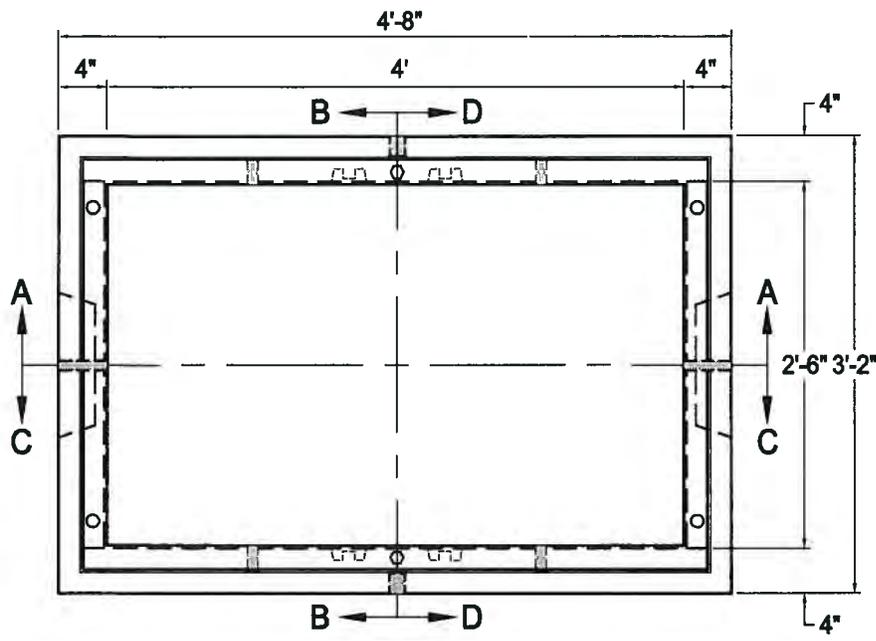
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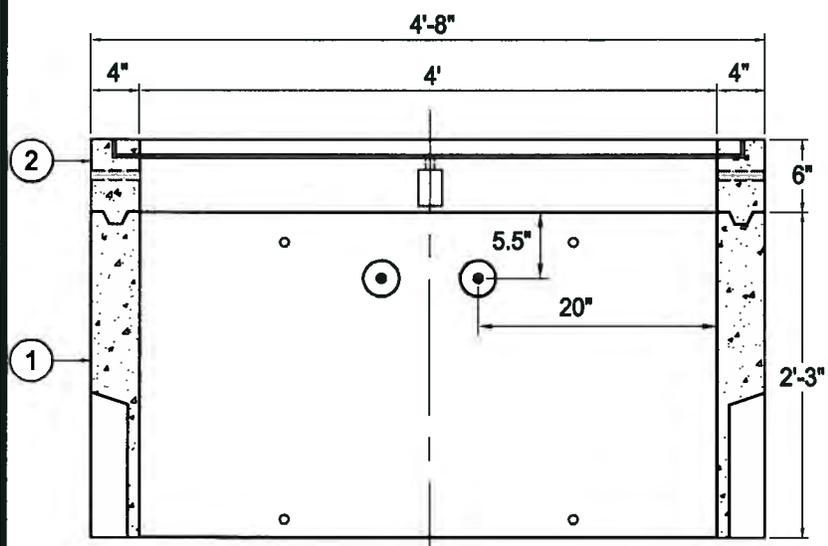
STANDARD DRAWING

## BH 718

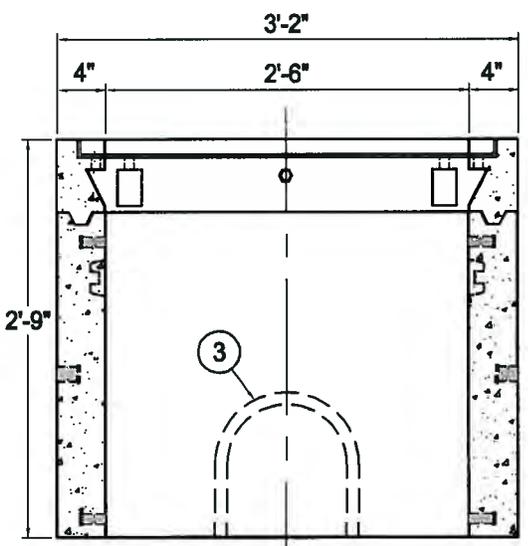
SHEET 1 OF 3



**PLAN VIEW**



**SECTION A-A / C-C**



**SECTION B-B / D-D**

## 2'-6" x 4' WATER VAULT BOX & LID

REVISIONS		
MARK	DATE	DESCRIPTION



**CITY OF BEVERLY HILLS, CALIFORNIA**

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

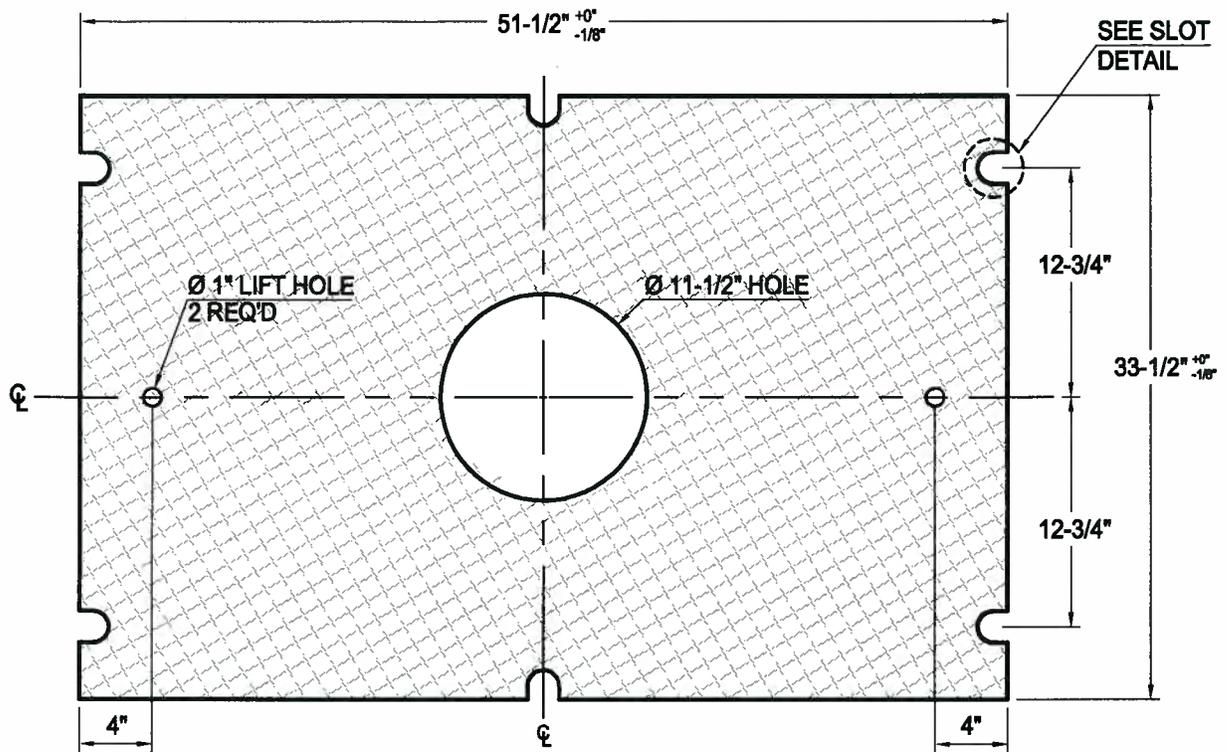
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CITY ENGINEER

APPROVED *[Signature]*  
PUBLIC WORKS DIRECTOR

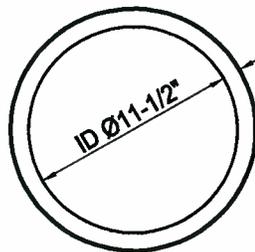
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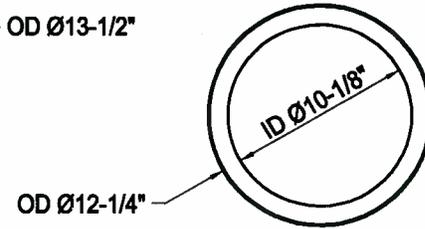
STANDARD DRAWING  
**BH 718**  
SHEET 2 OF 3



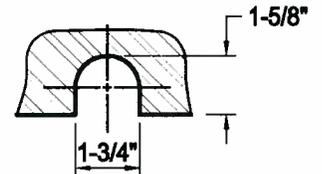
**PLAN VIEW**



1/4" PLATE (1)



1/4" PLATE (1)



**SLOT DETAIL**  
6 PLACES

**QTY. MATERIALS**

1	5/16" DIAMOND PLATE 33-1/2" x 51-1/2"
1	10-1/8" ID x 12-1/4" OD 1/4" PLATE
1	11-1/2" ID x 13-1/2" OD 1/4" PLATE

**2'-6" x 4' WATER VAULT BOX & LID**

REVISIONS		
MARK	DATE	DESCRIPTION

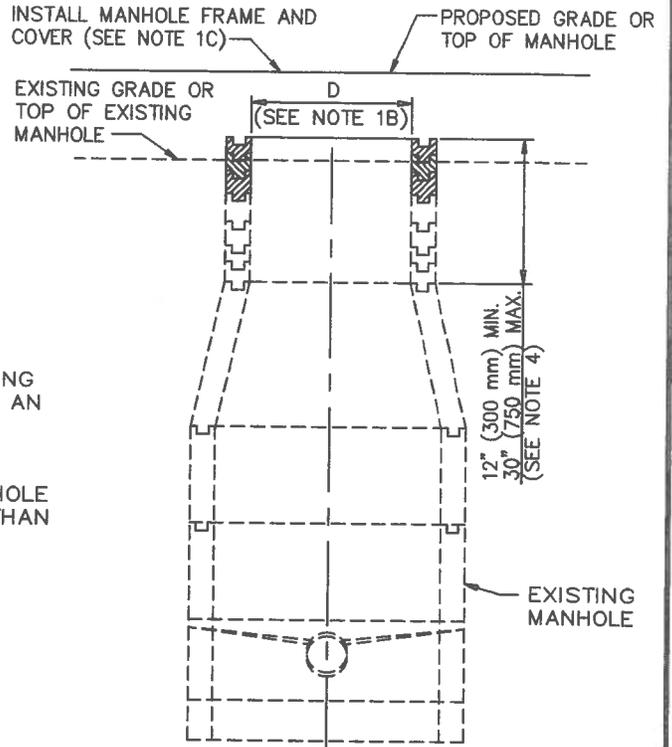
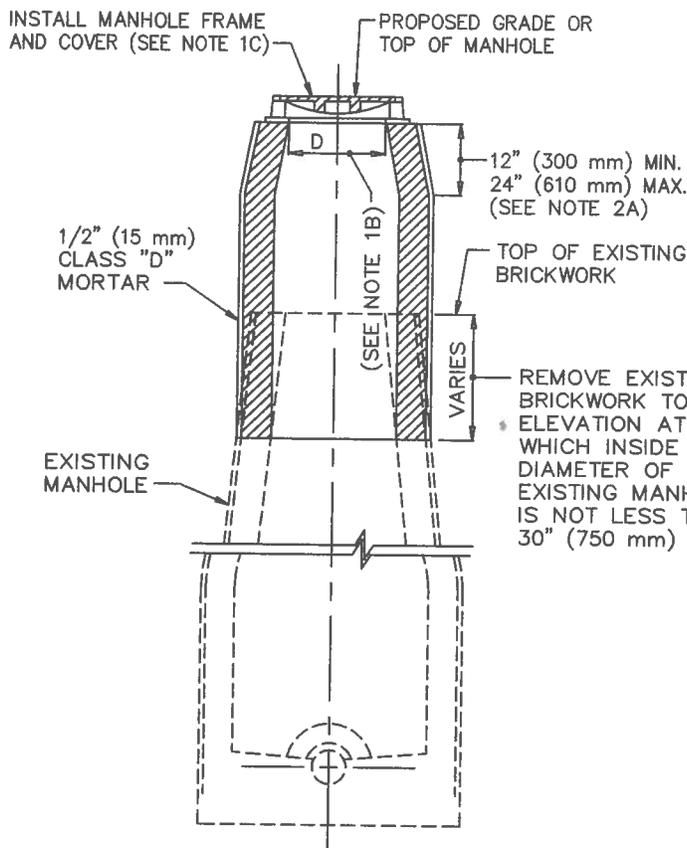


**CITY OF BEVERLY HILLS, CALIFORNIA**

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION  
CIVIL ENGINEERING DIVISION

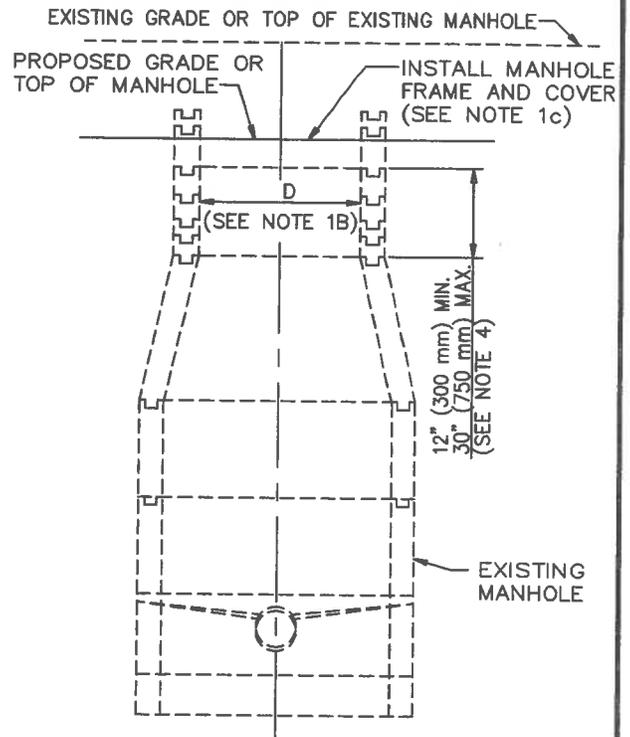
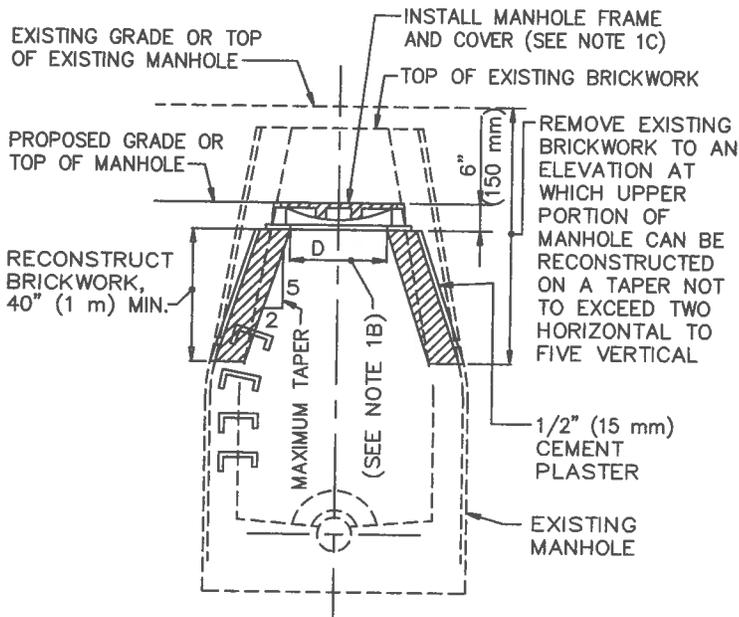
RECOMMENDED *[Signature]* DATE 11-18-10  
CITY ENGINEER  
APPROVED *[Signature]* DATE 11-18-10  
PUBLIC WORKS DIRECTOR

STANDARD DRAWING  
**BH 718**  
SHEET 3 OF 3



**RAISING EXISTING PRECAST CONCRETE SEWER MANHOLES**

**RAISING EXISTING BRICK MANHOLES**



**LOWERING EXISTING BRICK MANHOLES**

**LOWERING EXISTING PRECAST CONCRETE SEWER MANHOLES**

**BRICK MANHOLES**

**PRECAST CONCRETE SEWER MANHOLES**

**STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION**

PROMULGATED BY THE  
PUBLIC WORKS STANDARD, INC.  
GREENBOOK COMMITTEE  
1984  
REV. 1996, 2009

**SEWER MANHOLE ADJUSTMENT**

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

**205-2**

SHEET 1 OF 3

NOTES:

1. GENERAL

- A. EXCEPT AS INDICATED HEREON OR ON THE PLANS, MANHOLES SHALL CONFORM TO: SPPWC 200, PRECAST CONCRETE SEWER MANHOLE AND SPPWC 203, BRICK SEWER MANHOLE.
- B. DIMENSION "D" SHALL BE THE SAME AS THE SIZE OF MANHOLE FRAME AND COVER TO BE USED.
- C. THE CONTRACTOR MAY REUSE THE EXISTING MANHOLE FRAME AND COVER, UNLESS DAMAGED DURING THE WORK OR WHEN OTHERWISE SHOWN IN THE CONTRACT DOCUMENTS. ITEMS DAMAGED BY THE CONTRACTOR SHALL BE REPLACED WITH IDENTICAL NEW ITEMS AT NO EXPENSE TO THE AGENCY.
- D. EXISTING STEPS LOCATED WITHIN REMOVAL LIMITS SHALL BE REPLACED. WHEN REMOVAL OF EXISTING STEPS BEYOND THE MANHOLE REMOVAL LIMITS IS SHOWN ON THE PLANS, THE STEPS SHALL BE REMOVED TO A DEPTH OF 2" (50 mm) BEYOND THE INSIDE FACE OF THE BRICK MANHOLE AND THE HOLES SHALL BE FILLED WITH CLASS "D" MORTAR.

2. RAISING EXISTING BRICK MANHOLES

- A. BRICK MANHOLES TO BE RAISED LESS THAN 1' (300 mm) MAY BE EXTEND VERTICALLY, PROVIDED THAT AT A DEPTH OF 2 1/2' (750 mm) BELOW THE TOP OF THE MANHOLE AT ITS NEW ELEVATION, THE INSIDE DIAMETER OF THE MANHOLE IS 30" (750 mm) OR GREATER.
- B. BRICK MANHOLES TO BE RAISED LESS THAN 3 1/2" (90 mm) MAY BE RAISED BY APPLYING CLASS "D" MORTAR TO THE TOP OF THE EXISTING BRICKWORK. IF THE BRICK MANHOLE IS TO BE RAISED 3 1/2" (90 mm) OR MORE, A NEW COURSE OR COURSES OF BRICKWORK SHALL BE PLACED ON TOP OF THE EXISTING BRICKWORK.

3. LOWERING EXISTING BRICK MANHOLES

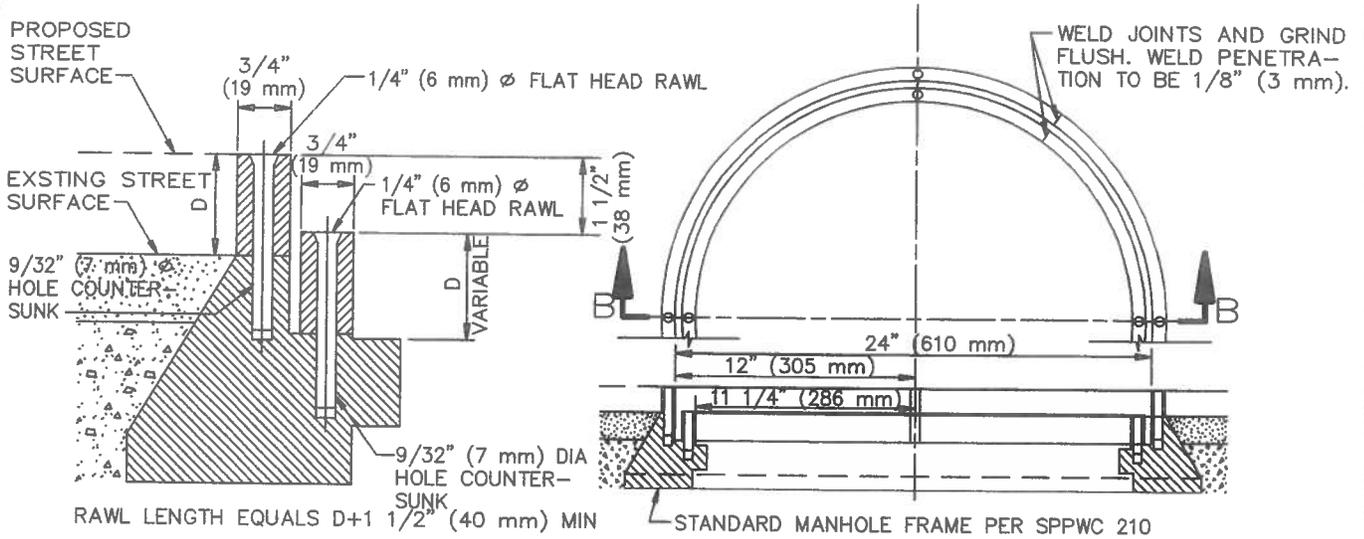
- A. WHERE A BRICK MANHOLE IS TO BE LOWERED LESS THAN 1' (300 mm), THE FRAME MAY BE RESET ON THE EXISTING BRICKWORK AND THE 40" (1 m) MINIMUM BRICKWORK RECONSTRUCTION OMITTED, PROVIDED THAT THE BASE OF THE FRAME DOES NOT OVERHANG THE BRICKWORK ON THE INSIDE SURFACE OF THE MANHOLE MORE THAN AN AVERAGE OF 1 1/2" (35 mm) IN ANY QUADRANT NOR MORE THAN 2" (50 mm) AT ANY POINT.

4. RAISING EXISTING PRECAST CONCRETE SEWER MANHOLES

- A. PRECAST CONCRETE MANHOLES TO BE RAISED LESS THAN 3" (75 mm) MAY BE RAISED BY APPLYING CLASS "D" MORTAR TO THE TOP OF THE EXISTING MANHOLE, PROVIDED THE TOTAL HEIGHT OF MORTAR, EXISTING AND NEWLY APPLIED, DOES NOT EXCEED 3" (75 mm).
- B. WHERE THE PRECAST CONCRETE MANHOLE IS TO BE RAISED 3" (75 mm) OR MORE, OR WHERE THE TOTAL HEIGHT OF MORTAR, EXISTING AND NEWLY APPLIED, WOULD EXCEED 3" (75 mm), GRADE RINGS SHALL BE UTILIZED. CLASS "D" MORTAR MAY BE USED FOR FINAL ADJUSTMENT, BUT NOT MORE THAN 3" (75 mm) IN HEIGHT. WHERE RAISING THE MANHOLE WOULD RESULT IN THE UPPER SEGMENT OF THE SHAFT BEING MORE THAN 30" (750 mm) IN HEIGHT, REMOVE THE REDUCER AND THE UPPER SEGMENT OF THE SHAFT, INSTALL ADDITIONAL RINGS OR PIPE TO THE LOWER SEGMENT OF THE SHAFT, AND REINSTALL THE REDUCER AND GRADE RINGS AS REQUIRED.

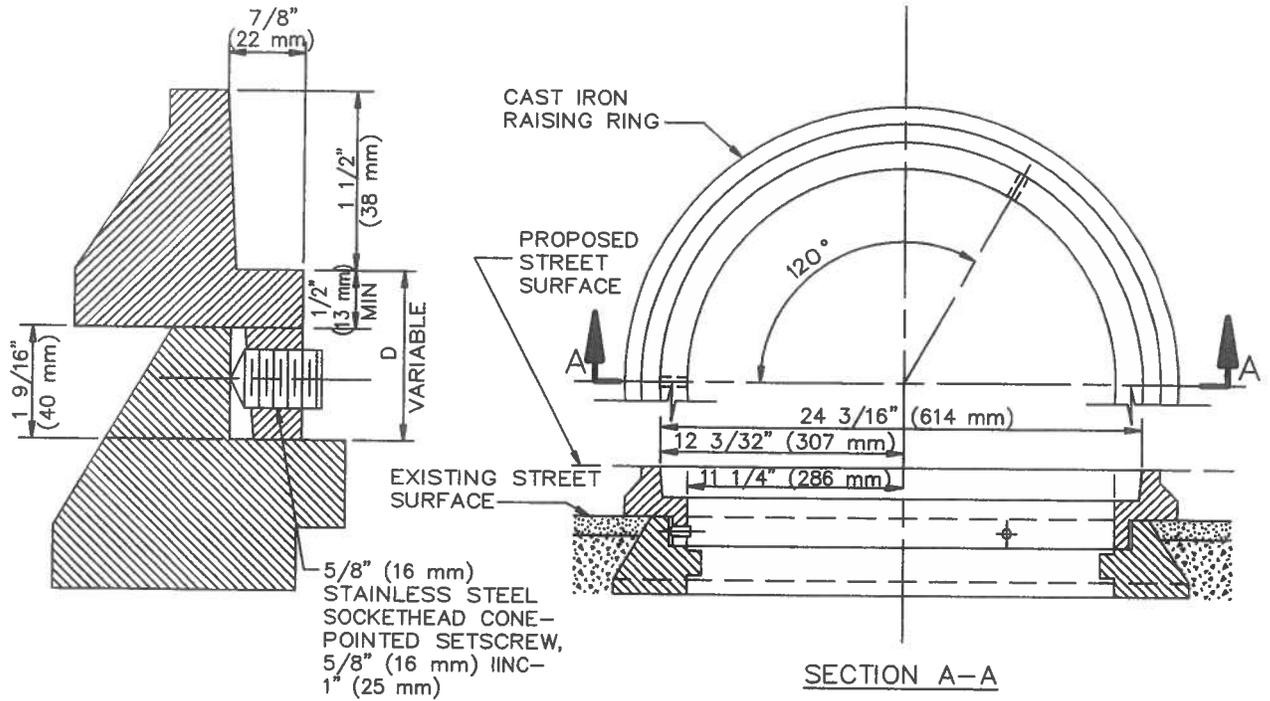
5. LOWERING EXISTING PRECAST CONCRETE SEWER MANHOLES
  - A. REMOVE SUFFICIENT GRADE RINGS TO LOWER THE MANHOLES AS REQUIRED, APPLY CLASS "D" MORTAR TO A HEIGHT NOT EXCEEDING 3" (75 mm) FOR ADJUSTMENT TO FINAL GRADE.
  - B. WHERE REMOVAL OF GRADE RINGS WOULD RESULT IN THE UPPER SEGMENT OF THE SHAFT BEING LESS THAN 12" (300 mm) IN HEIGHT, REMOVE THE REDUCER AND SUFFICIENT SECTIONS OF THE LOWER SEGMENT OF THE SHAFT AND REINSTALL ANY NECESSARY SEGMENT OF THE LOWER SHAFT, THE REDUCER, AND THE GRADE RINGS TO CONFORM TO THE REQUIREMENTS OF THIS PLAN.
  - C. EXISTING GRADE RINGS NEED NOT BE REMOVED IF EXISTING MORTAR IS REMOVED, AND AT LEAST 1 1/2" (35 mm) OF MORTAR MAY BE PLACED ON TOP OF THE EXISTING GRADE RINGS TO RESEAT THE FRAME.
  
6. REPLACEMENT OF BRICK REDUCER WITH PRECAST CONCRETE REDUCER AND SHAFT UNLESS OTHERWISE INDICATED ON THE PLANS, THE CONTRACTOR MAY INSTALL A PRECAST CONCENTRIC CONCRETE REDUCER, CONCRETE GRADE RINGS, AND CONCRETE PIPE IN LIEU OF RECONSTRUCTING A BRICK REDUCER, PROVIDED:
  - A. THE MAXIMUM ID OF SEWER PIPE CONNECTED TO THE MANHOLE DOES NOT EXCEED 8" (200 mm).
  - B. THE CONTRACTOR SECURES PRIOR APPROVAL FROM THE ENGINEER TO INSTALL THE CONCENTRIC REDUCER ONTO THE MANHOLE SHAFT. THE ENGINEER MAY, AS PART OF THE INSTALLATION REQUIREMENTS, REQUIRE THE CONTRACTOR TO COAT THE INSIDE OF THE REDUCER, RINGS, AND PIPE WITH AN APPROVED COATING.
  - C. THE CONCRETE GRADE RINGS, THE CONCRETE REDUCER, AND ANY CONCRETE PIPE SHALL BE JOINED TOGETHER AND BEDDED ONTO THE EXISTING BRICK MANHOLE WITH CLASS "D" MORTAR. THE DEPTH, WIDTH, AND THICKNESS OF THE MORTAR SHALL BE OF SUFFICIENT DIMENSIONS TO PROPERLY AND ADEQUATELY JOIN AND BED THE COMPONENT PARTS.

RAISING RINGS TO BE MADE OF STEEL, ASTM DESIGNATION AT MERCHANT QUALITY



SECTION B-B

STEEL RAISING RINGS



SECTION A-A

CAST IRON RAISING RINGS

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE  
PUBLIC WORKS STANDARDS INC.  
GREENBOOK COMMITTEE  
1984  
REV. 1996, 2009

**MANHOLE RAISING RINGS**

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN

**206-2**

SHEET 1 OF 2

NOTES:

1. MACHINE SEATS FROM CAST IRON RINGS.
2. THE CAST IRON USED SHALL CONFORM TO SSPWC 206-3.
3. THE METAL RAISING RINGS MAY BE USED IN LIEU OF THE REGULAR METHOD OF ADJUSTMENT UTILIZING MORTAR OR BRICK AND MORTAR UNDER THE FOLLOWING CONDITIONS.
  - A. ONLY ONE ADJUSTMENT WITH RAISING RINGS WILL BE ALLOWED ON ANY MANHOLE.
  - B. MAXIMUM "D" SHALL BE 3" (75 mm).

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

**MANHOLE RAISING RINGS**

STANDARD PLAN

**206-2**

SHEET 2 OF 2

**APPENDIX B**

**SIDEWALK/CURB AND GUTTER REMOVALS/SPOT REPAIR  
SUMMARY SHEETS FOR DISTRICTS 1-8 INCLUSIVE S/O SMBN**



# SURVEY SUMMARY - DISTRICT 1

DISTRICT 1		LOCATION		HAZARD CLASS			CONDITION & RECOMMENDATION					RANK	
No.	Street	Location	Size Small	Size Med	Size Large	Hazard Totals	Tree Prune	Spall Crack Patch	Apron Gutter	Remove Replace	By Severity	Rank	
1	Gregory Way	Canon to Robertson	140	62	75	277	11	40	54	8	1	1	
2	Olympic Blvd	Canon to Robertson	103	90	69	262	37	66	17	38	2	2	
3	S Wetherly Drive	Gregory to Whitworth	58	35	32	125	0	9	8	17	3	3	
4	S Crescent Drive	Gregory to Whitworth	43	32	20	95	11	18	17	7	4	4	
5	Whitworth Drive	Canon to Robertson	34	12	19	65	4	21	14	1	5	5	
6	S Elm Drive	Gregory to Whitworth	40	29	18	87	2	13	4	11	6	6	
7	La Peer Drive	Gregory to Whitworth	15	29	14	58	0	10	5	5	7	7	
8	S Canon Drive	Gregory to Whitworth	12	9	14	35	2	14	4	0	8	8	
9	S Rexford Drive	Gregory to Whitworth	51	20	13	84	0	10	2	4	9	9	
10	S Doheny Drive	Gregory to Whitworth	40	25	12	77	0	6	5	3	10	10	
11	S Maple Drive	Gregory to Whitworth	36	14	12	62	0	12	1	9	11	11	
12	S Palm Drive	Gregory to Whitworth	39	20	8	67	0	11	4	3	12	12	
13	Robertson Blvd	Gregory to Whitworth	34	10	8	52	7	13	0	4	13	13	
14	S Oakhurst Drive	Gregory to Whitworth	47	28	6	81	0	5	0	2	14	14	
15	S Almont Drive	Gregory to Whitworth	53	26	6	85	0	5	0	4	15	15	
16	S Clark Drive	Gregory to Whitworth	53	24	5	82	0	8	8	3	16	16	
17	S Swall Drive	Gregory to Whitworth	46	24	5	75	0	3	4	3	17	17	
<b>Totals</b>			844	489	336	1669	74	264	147	122			

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# SURVEY SUMMARY - DISTRICT 2

DISTRICT 2		LOCATION			HAZARD CLASS				CONDITION & RECOMMENDATION					RANK	
No.	Street	Location	Size Small	Size Med	Size Large	Total Hazards	Tree Root Prune	Spall Crack Patch	Apron Gutter	Remove Replace	By Severity				
1	Gregory Way	Beverly Drive to Robertson	49	44	43	136	0	14	20	0	1				
2	Beverly Drive	Olympic to LA City limit	23	14	28	65	0	3	1	7	2				
3	Beverly Drive	Gregory to Whitworth	36	19	21	76	0	10	3	0	3				
4	Spalding Drive	Gregory to Olympic	69	24	17	110	7	5	2	2	4				
5	Bedford Drive	Gregory to LA city limit	17	18	14	49	0	5	2	2	5				
6	Peck Drive	Gregory to LA city limit	34	27	11	72	0	8	1	3	6				
7	Olympic Blvd	Canon to Spalding	33	26	9	68	2	2	3	0	7				
8	Hillgreen Drive	Heath to LA city limit	31	17	9	57	1	1	1	0	8				
9	Camden Drive	Gregory to LA city limit	29	25	8	62	0	5	2	1	9				
10	Reeves Drive	Gregory to Olympic	24	3	7	34	0	4	1	2	10				
11	Roxbury Drive	Gregory to LA city limit	25	14	5	44	0	2	1	2	11				
12	Beverly Green Drive	Hillgreen to LA city limit	18	4	5	27	0	0	1	3	12				
13	Rodeo Drive	Gregory to Beverwil	26	10	4	40	0	0	0	0	13				
14	Whitworth Drive	Canon to Smithwood	13	5	3	21	0	6	0	2	14				
15	Virginia Place	Peck to Rodeo	16	3	3	22	0	4	0	0	15				
16	Hillgreen Place	Beverly Green to Spalding	10	9	2	21	0	1	0	0	16				
17	Smithwood Drive	Whitworth to Beverwil	12	3	2	17	0	1	3	4	17				
18	Daniels Drive	Peck to LA city limit	14	1	2	17	0	4	0	3	18				
19	Linden Drive	Gregory to Olympic	17	0	2	19	0	7	2	0	19				
20	El Camino Drive	Gregory to Rodeo	31	21	1	53	0	3	1	0	20				
21	McCarty Drive	Gregory to Olympic	16	13	1	30	0	1	0	1	21				
22	Shirley Place	Olympic to Spalding	12	13	1	26	0	0	0	0	22				
23	Canon Drive	Gregory to Beverly Drive	17	6	1	24	0	3	2	1	23				
<b>Totals</b>			<b>572</b>	<b>319</b>	<b>199</b>	<b>1090</b>	<b>10</b>	<b>89</b>	<b>46</b>	<b>33</b>					

The information in this document is confidential, and is to be used only by the City of Beverly Hills and Precision Concrete Cutting in evaluating the project.



## SURVEY SUMMARY - DISTRICT 3

Street	LOCATION		HAZARD CLASS				CONDITION & RECOMMENDATION					RANK
	Location		Size Small	Size Med	Size Large	Hazard Totals	Tree Root Prune	Spall Crack Patch	Apron Gutter	Remove Replace	By Severity	
William Drive	Clifton Way to Gregory Way		77	57	63	197	0	41	3	0	1	
La Cienega Boulevard	Clifton to Olympic		31	32	43	106	0	25	1	5	2	
Hamel Drive	Clifton Way to Gregory		67	50	29	146	0	40	4	0	3	
Hamilton Drive	San Vincente to Gregory		14	24	28	66	0	27	6	0	4	
La Doux Road	Clifton to Olympic		35	47	24	106	4	16	0	11	5	
Clifton Way	San Vincente to Robertson		25	12	22	59	0	11	13	2	6	
North Carson Road	Clifton to Gregory		79	51	19	149	0	48	13	6	7	
Charleville Boulevard	Robertson to Le Doux		14	23	16	53	4	1	0	14	8	
Arnaz Drive	Gregory to Clifton Way		33	19	8	60	0	25	3	0	9	
Gregory Way	Le Doux to La Cienega		26	15	4	45	0	23	4	1	10	
Stanley Drive	Clifton Way to Gregory Way		4	5	4	13	0	3	0	1	11	
Wilshire Boulevard	Robertson to San Vincente		70	34	2	106	0	96	3	1	12	
Tower Drive	Wilshire to Gregory		12	14	1	27	0	20	4	1	13	
S San Vincente Boulevard	Clifton to Wilshire		7	1	1	9	0	2	0	1	14	
Robertson Boulevard	Clifton to Gregory		2	6	0	8	0	8	5	0	15	
<b>Totals</b>			496	390	264	1150	8	386	59	43		

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# SURVEY SUMMARY - DISTRICT 4

DISTRICT 4		LOCATION		HAZARD CLASS			CONDITION & RECOMMENDATION				RANK
No.	Street	Location	Size Small	Size Med	Size Large	Hazard Totals	Tree Root Prune	Spall Crack Patch	Apron Gutter	Remove Replace	By Severity
1	S Doheny Drive	Wilshire to Gregory	28	27	33	88	15	22	14	16	1
2	S Wetherly Drive	Gregory to Whitworth	63	45	28	136	8	51	28	6	2
3	S Palm Drive	Wilshire to Gregory	31	24	25	80	7	20	17	9	3
4	S Maple Drive	Wilshire to Gregory	32	7	25	64	7	20	21	8	4
5	S Elm Drive	Wilshire to Gregory	26	27	24	77	14	12	7	0	5
6	S Crescent Drive	Gregory to Whitworth	45	26	21	92	8	26	23	5	6
7	S Swall Drive	Wilshire to Gregory	29	31	19	79	14	22	23	3	7
8	Charleville Blvd	Beverly to Robertson	64	48	18	130	5	29	13	1	8
9	Robertson Blvd	Wilshire to Gregory	29	24	18	71	12	20	2	0	9
10	Reeves Drive	Wilshire to Gregory	39	19	18	76	3	18	0	3	10
11	S Canon Drive	Wilshire to Gregory	40	10	15	65	8	33	16	7	11
12	La Peer Drive	Wilshire to Gregory	26	18	13	57	6	26	8	0	12
13	S Almont Drive	Wilshire to Gregory	33	21	10	64	3	27	12	8	13
14	S Oakhurst Drive	Wilshire to Gregory	28	14	8	50	4	26	22	0	14
15	S Rexford Drive	Wilshire to Gregory	82	19	7	108	9	36	24	5	15
16	S Clark Drive	Wilshire to Gregory	31	12	7	50	5	20	0	0	16
17	Beverly Drive	Wilshire to Gregory	8	1	7	16	2	9	0	0	17
18	Wilshire Blvd	Beverly to Robertson	23	11	2	36	1	16	4	0	18
<b>Totals</b>			<b>657</b>	<b>384</b>	<b>298</b>	<b>1339</b>	<b>131</b>	<b>433</b>	<b>234</b>	<b>71</b>	

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# SURVEY SUMMARY - DISTRICT 5

DISTRICT 5		LOCATION	HAZARD CLASS				CONDITION & RECOMMENDATION				RANK
Street	Location	Size Small	Size Med	Size Large	Total Hazards	Tree Root Prune	Spall Crack Patch	Apron Gutter	Remove Replace	By Severity	
S Peck Drive	Wilshire to Gregory	15	34	36	85	0	46	0	8	1	
N Santa Monica Blvd	City Limit to Wilshire	0	31	35	66	23	36	12	8	2	
S Santa Monica Blvd	City Limit to Wilshire	3	44	28	75	0	13	2	15	3	
Charleville Way	S Santa Monica to Beverly Dr	17	79	25	121	22	47	0	17	4	
Wilshire Boulevard	City Limit to Beverly Dr	18	45	24	87	1	52	6	3	5	
S Roxbury Drive	Wilshire to Gregory	11	51	20	82	0	48	1	12	6	
S El Camino Drive	Wilshire to Gregory	15	33	19	67	3	19	1	7	7	
S Durant Drive	Lasky to Moreno	7	57	18	82	2	38	13	11	8	
Lasky Drive	S Santa Monica to Moreno	2	35	14	51	0	35	3	10	9	
S Rodeo Drive	Wilshire to Gregory	13	29	14	56	0	26	0	8	10	
S Linden Drive	Wilshire to Gregory	17	26	11	54	3	12	0	4	11	
McCarty Drive	Wilshire to Gregory	5	56	10	71	0	33	1	5	12	
S Camden Drive	Wilshire to Gregory	25	61	9	95	2	33	6	8	13	
Robbins Drive	Lasky to Moreno	6	11	7	24	0	8	0	4	14	
S Spalding Drive	Lasky to Moreno	16	19	6	41	0	7	2	4	15	
S Bedford Drive	Wilshire to Gregory	14	31	5	50	0	23	6	5	16	
Moreno Drive	Spalding to S Santa Monica	0	30	5	35	1	11	0	1	17	
Gregory Way	Spalding to Beverly Dr	10	19	5	34	2	5	1	1	18	
Young Drive	Lasky to Moreno	5	16	4	25	0	9	0	4	19	
S Beverly Drive	Wilshire to Gregory	3	4	1	8	0	4	0	2	20	
<b>Totals</b>		<b>202</b>	<b>711</b>	<b>296</b>	<b>1209</b>	<b>59</b>	<b>505</b>	<b>54</b>	<b>137</b>		

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# SURVEY SUMMARY - DISTRICT 6

DISTRICT 6		LOCATION			HAZARD CLASS			CONDITION & RECOMMENDATION					RANK
Street	Location	Size Small	Size Med	Size Large	Total Hazards	Tree Root Prune	Spall Crack Patch	Apron Gutter	Remove Replace	By Severity			
Burton Way	Rexford to Robertson	4	44	28	76	6	2	2	5	1			
N La Peer Drive	Burton to Wilshire	5	59	21	85	4	28	5	22	2			
N Clark/Herzl Drive	Herzl to Wilshire	5	37	21	63	3	32	2	26	3			
Dayton Way	Rexford to Robertson	10	41	20	71	1	5	7	11	4			
N Maple Drive	Burton to Wilshire	3	8	18	29	0	6	2	3	5			
N Swall Drive	Burton to Wilshire	2	22	16	40	0	17	3	5	6			
N Wetherly Drive	Burton to Wilshire	31	66	14	111	1	17	15	4	7			
N Palm Drive	Burton to Wilshire	6	40	14	60	2	7	9	6	8			
Clifton Way	Rexford to Robertson	4	33	14	51	8	15	4	7	9			
Foothill Road	Burton to Rexford	1	15	11	27	0	6	6	8	10			
N Oakhurst Drive	Burton to Wilshire	14	36	10	60	1	12	13	3	11			
Wilshire Boulevard	Rexford to Robertson	9	4	8	21	0	8	0	1	12			
N Almont Drive	Burton Way to Rexford Drive		40	7	47	1	18	1	14	13			
Alpine Drive	Burton Way to Rexford Drive		4	6	10	1	3	1	2	14			
Robertson Blvd	Burton to Wilshire	1	13	4	18	4	3	1	0	15			
Doheny Drive	Burton to Wilshire	7	29	3	39	2	2	3	0	16			
N Elm Drive	Burton to Wilshire	5	4	0	9	0	2	1	1	17			
<b>Totals</b>		<b>107</b>	<b>495</b>	<b>215</b>	<b>817</b>	<b>34</b>	<b>183</b>	<b>75</b>	<b>118</b>				

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# SURVEY SUMMARY - DISTRICT 7

DISTRICT 7		LOCATION			HAZARD CLASS			CONDITION & RECOMMENDATION					RANK
Street	Location	Size Small	Size Med	Size Large	Total Hazards	Tree Root Prune	Spall Crack Patch	Apron Gutter	Remove Replace	By Severity			
N Rexford Drive	Santa Monica to Wilshire	13	46	32	91	5	25	8	17	1			
Wilshire Blvd	Santa Monica to N Rexford	8	18	29	55	2	13	5	6	2			
N Canon Drive	Santa Monica to Wilshire	3	5	13	21	5	2	0	2	3			
S Santa Monica Blvd	Wilshire to N Rexford Drive	12	22	12	46	4	22	4	2	4			
N Crescent Drive	Santa Monica to Wilshire	1	8	11	20	4	3	1	0	5			
N Camden Drive	Santa Monica to Wilshire	4	8	10	22	7	5	0	7	6			
N Bedford Drive	Santa Monica to Wilshire	5	10	6	21	1	7	4	1	7			
N Roxbury Drive	Santa Monica to Wilshire	1	2	6	9	2	3	1	1	8			
N Beverly Drive	Santa Monica to Wilshire	0	1	5	6	1	5	1	0	9			
Brighton Way	Wilshire to N Rexford	2	9	3	14	4	2	0	0	10			
Dayton Way	Wilshire to N Rexford	1	9	3	13	2	3	0	0	11			
N Rodeo Drive	Santa Monica to Wilshire	0	0	3	3	0	2	0	0	12			
N Linden Drive	Santa Monica to Wilshire	2	1	2	5	0	2	0	2	13			
Clifton Way	Canon to N Rexford	0	6	1	7	0	2	1	0	14			
<b>Totals</b>		<b>52</b>	<b>145</b>	<b>136</b>	<b>333</b>	<b>37</b>	<b>96</b>	<b>25</b>	<b>38</b>				

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## SURVEY SUMMARY - DISTRICT 8

DISTRICT 8		LOCATION	HAZARD CLASS			CONDITION & RECOMMENDATION					RANK
Street	Location	Size Small	Size Med	Size Large	Total Hazards	Tree Root Prune	Spall Crack Patch	Apron Gutter	Remove Replace	By Severity	
W 3rd Street	Civic Center Dr to Doheny Dr	9	53	16	78	1	9	1	5	1	
Alden Drive	Foothill Rd to Doheny Dr	6	45	12	63	6	8	2	6	2	
N Maple Drive	Civic Center Dr to Burton Way	13	31	12	56	4	8	3	2	3	
Doheny Drive	Santa Monica to Burton Way	4	27	11	42	1	8	4	10	4	
N Oakhurst Drive	Civic Center Dr to Burton Way	11	60	10	81	1	7	17	3	5	
Civic Center Drive	N Rexford to Doheny	0	28	8	36	2	10	0	6	6	
Foothill Road	Burton Way to Civic Center Dr	1	26	7	34	0	7	1	4	7	
N Palm Drive	Civic Center Dr to Burton Way	12	46	6	64	2	7	13	3	8	
Beverly Boulevard	Santa Monica to Doheny Dr	1	29	3	33	0	5	0	2	9	
Burton Way	S Santa Monica to Doheny	0	17	3	20	0	2	1	2	10	
<b>Totals</b>		<b>57</b>	<b>362</b>	<b>88</b>	<b>507</b>	<b>17</b>	<b>71</b>	<b>42</b>	<b>43</b>		

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**APPENDIX C**

**STREET NAME/VICINITY MAP FOR SIDEWALK AND CURB AND  
GUTTER WORK S/O SMBN**

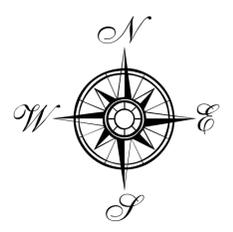
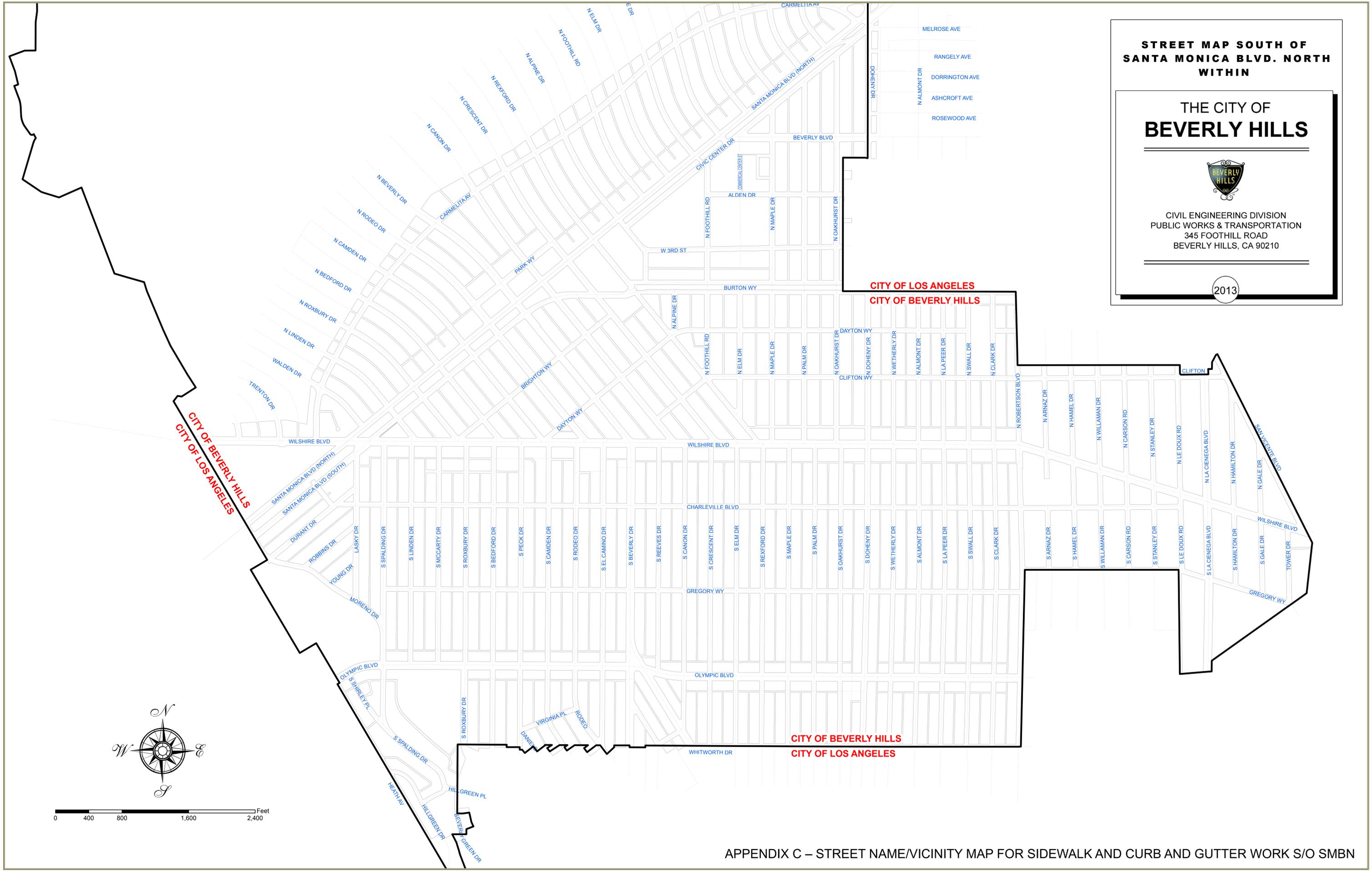
**STREET MAP SOUTH OF  
SANTA MONICA BLVD. NORTH  
WITHIN**

**THE CITY OF  
BEVERLY HILLS**



CIVIL ENGINEERING DIVISION  
PUBLIC WORKS & TRANSPORTATION  
345 FOOTHILL ROAD  
BEVERLY HILLS, CA 90210

2013



APPENDIX C – STREET NAME/VICINITY MAP FOR SIDEWALK AND CURB AND GUTTER WORK S/O SMBN

**APPENDIX D**

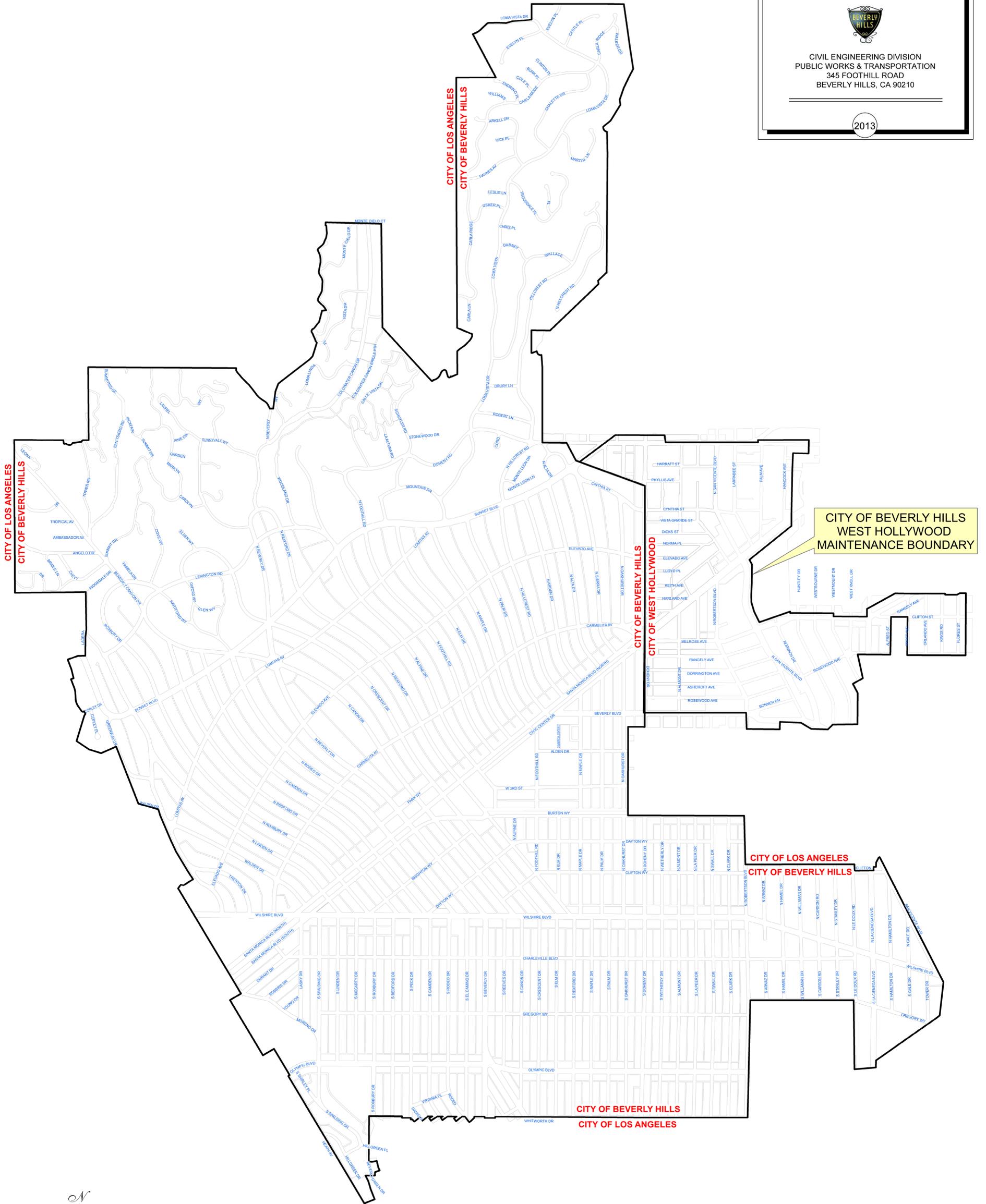
**STREET NAME/VICINITY MAP FOR ON-CALL PAVING/SIDEWALK  
SPOT REPAIRS WITHIN COBH AND WHO**

**STREET MAP OF THE  
CITY OF BEVERLY HILLS  
& THE WEST HOLLYWOOD  
MAINTENANCE DISTRICT**



CIVIL ENGINEERING DIVISION  
PUBLIC WORKS & TRANSPORTATION  
345 FOOTHILL ROAD  
BEVERLY HILLS, CA 90210

2013



**APPENDIX E**

**HOLIDAY PERMIT MORATORIUM AREA MAP**

# HOLIDAY PERMIT MORATORIUM AREA MAP

## NOVEMBER 11, 2013 - JANUARY 6, 2014



### Legend

-  City Boundary
-  Permit Moratorium on all streets and alleys within the business area
-  Permit Moratorium Streets

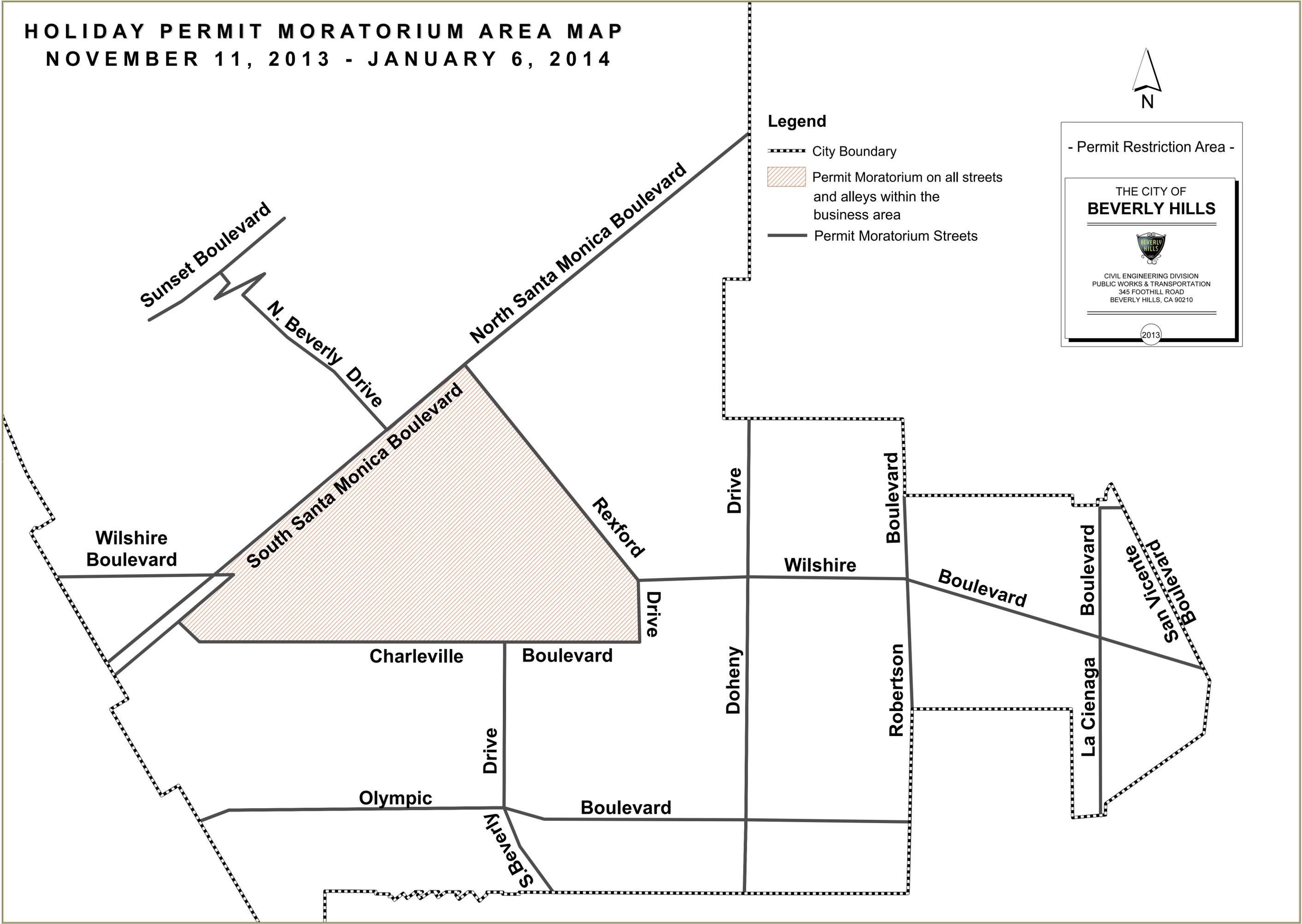
- Permit Restriction Area -

THE CITY OF  
**BEVERLY HILLS**



CIVIL ENGINEERING DIVISION  
PUBLIC WORKS & TRANSPORTATION  
345 FOOTHILL ROAD  
BEVERLY HILLS, CA 90210

2013



**APPENDIX F**

**COBH APPROVED HEAVY HAUL TRUCK ROUTE MAP**



Sterling Codifiers, Inc.

**7-2-203: STREETS DESIGNATED FOR HEAVY VEHICLE USAGE:** 

The following streets are designated for use by vehicles exceeding a maximum gross weight, including the vehicle and its load, of three (3) tons:

Alden Drive;

Bedford Drive from Wilshire Boulevard to Santa Monica Boulevard (north);

Beverly Boulevard;

Beverly Drive from the south city limits to Santa Monica Boulevard (north);

Brighton Way from Canon Drive to Wilshire Boulevard;

Burton Way;

Camden Drive from Wilshire Boulevard to Santa Monica Boulevard (north);

Canon Drive from Wilshire Boulevard to Santa Monica Boulevard (north);

Civic Center Drive from Burton Way to Santa Monica Boulevard (south);

Crescent Drive between the north and south roadways of Santa Monica Boulevard;

Dayton Way from Canon Drive to Wilshire Boulevard;

Doheny Drive;

Foothill Road from Burton Way to Santa Monica Boulevard (south);

La Cienega Boulevard;

Linden Drive from Wilshire Boulevard to Santa Monica Boulevard (south);

Maple Drive from Burton Way to Santa Monica Boulevard (south);

Olympic Boulevard;

Rexford Drive from Santa Monica Boulevard (north) to Burton Way;

Robertson Boulevard;

Rodeo Drive from Wilshire Boulevard to Santa Monica Boulevard (north);

Roxbury Drive from Wilshire Boulevard to Santa Monica Boulevard (north);

San Vicente Boulevard;

Santa Monica Boulevard (north and south roadways);

Third Street;

Wilshire Boulevard. (1962 Code § 3-6.1306)

**APPENDIX G**

**CITY OF WFO STANDARD REQUIREMENTS FOR  
ENCROACHMENT PERMITS**

## STANDARD REQUIREMENTS FOR ENCROACHMENT PERMITS

1. Unless otherwise stated, all work shall conform to City standards, policies and codes, the "Standard Specifications for Public Works Construction" (hereinafter referred to as the "Greenbook"). Caltrans Standard Specifications, and the Highway Permit Ordinance Division 1 of Title 16.
2. A copy of this permit must be kept on the jobsite at all times.
3. An encroachment permit is required for any type of use in the Public right-of-way.
4. Unless otherwise authorized in writing, working hours are restricted to 8:00 AM - 5:00 PM Monday through Friday. No work will be authorized on any City-observed holidays. Requests to work weekends must comply with the Construction Period Mitigation Plan.
5. Applicant is responsible for repair of damages and clean-up of debris resulting from work authorized by this permit. Utilities shall be repaired or replaced to the satisfaction of their owner. City-owned property shall be repaired/replaced to the satisfaction of the City Engineer. Any concrete to be removed shall be saw cut and replaced as directed to match existing in color, finish, scoring and grade. All repairs shall be made within 30 days of installation of work authorized by this permit.
6. Applicant shall not be exempt from street sweeping restrictions unless authorized in writing.
7. Work done on major streets will require a Traffic Control Plan. Hours of work will be determined by the City Engineer or designated representative.
8. In most cases, one lane of traffic in each direction shall be maintained at all times on streets classified as major or secondary streets in the General Plan.
9. On major or secondary streets, traffic may be restricted only between the hours of 9:00 AM and 4:00 PM. On local streets, traffic may be restricted only between the hours of 8:00 AM and 5:00 PM. Any deviation from these hours will require approval by the City Engineer or designated representative.
10. Controls for vehicular and pedestrian traffic shall conform to the "Work Area Traffic Control Handbook" (WATCH Manual).
11. Applicant shall provide for pedestrian access to residences, businesses and buildings at all times
12. Any damage to City-owned property shall immediately be brought to the attention of the Inspector.
13. All required testing shall be paid for by applicant. The frequency and locations of tests shall be determined by the City Engineer or designated representative.
14. Applicant may be required to place a slurry seal on all or part of the street width where excavation has occurred.
15. Permanent pavement repairs shall be made within 30 days after excavation. Approval of the Inspector is required before permanent repairs are made.
16. All pipes shall be installed according to Section 306-1.2 of the Greenbook.
17. Where excavations cross curb and gutter or sidewalks which are to be removed, such improvements shall be removed prior to backfilling in that area.
18. Where excavations cross curb and gutter or sidewalks which are to remain in place, the excavation shall be backfilled with soil-cement per Section 301-3 of the Greenbook. Soil-cement shall consist of 1 sack of cement per cubic yard of soil.
19. All trenching and excavations shall conform to Section 306-1of the Greenbook.
20. A shoring plan may be required to be approved by the City Engineer prior to issuance of this permit.
21. Prior to beginning work on any sewer line, Applicant must obtain a sewer permit from the City'S Division of Building and Safety in addition to this permit.
22. Applicant shall call UNDERGROUND SERVICE ALERT at 1 (800) 422-4133 at least 48 hours prior to any excavation.
23. All changes in plans and permit limits require approval by the City Engineer or designated representative.
24. Any survey markers destroyed or moved shall be reset by a licensed Surveyor or Registered Civil Engineer at the Applicant's expense. Copies of all ties shall be supplied to the City Engineer prior to release of any sureties.
25. Permittee will be held responsible for maintaining and protecting the work until acceptance by the City Engineer or designated representative.
26. If, in the opinion of the City Engineer, any facility of encroachment authorized by this permit interferes with the future use of the roadway by the general public, the Applicant and Applicant's successors or assigns will remove or relocate such facility or encroachment at Applicant's expense to a location satisfactory to the City Engineer.
27. Non-compliance with these or other permit conditions may be cause for permit revocation.