

**AGREEMENT FOR PRECISE GRADING, EROSION CONTROL, AND DRAINAGE  
IMPROVEMENTS FOR FOOTHILL CENTER PARCEL MAP 36311 PARCEL 2 DWG. 18-015 P**

This Agreement is entered into as of this **18<sup>th</sup> day of July, 2018**, by and between the **City of Corona**, a municipal corporation (hereinafter referred to as "City") and **FOOTHILL PARKWAY SHOPPING PLAZA, LLC, a California Limited Liability Company**, with its principal offices located at, **2843 Calle Heraldo, San Clemente, CA 92673**, (hereinafter referred to as "Developer").

**WITNESSETH:**

**FIRST:** Developer, for and in consideration of the approval by the City of the final map of that certain land division, or that certain other land development project, known as **Foothill Center Parcel Map 36311 Parcel 2** (hereinafter referred to as "Project") has submitted to the City for its approval grading, erosion control and drainage plans (hereinafter referred to as "Plans") completed in accordance with Chapter 15.36 of the City of Corona Municipal Code or as required by conditions of approval for Project. Developer desires to commence grading, erosion control and drainage improvements an estimate of which is listed in "Exhibit A" attached hereto and made a part hereof (hereinafter referred to as the "Grading Work") The Grading Work listed in Exhibit "A" is understood to be only a general designation of the work and improvements to be done, and not a binding description thereof. All work shall be done and completed as shown on approved Plans. If during the course of Grading Work it is determined that alterations from the approved Plans are necessary, the Developer shall undertake such design and construction changes as may be reasonably required by City at Developers own expense.

**SECOND:** Developer and City desire to enter into this Agreement for the completion of the Grading Work and the furnishing of security for the performance of this Agreement in accordance with the City Ordinances and the conditions of approval for Project.

**THIRD:** Upon the execution of this Agreement, Developer shall provide City with a surety bond in the amount of **Thirteen Thousand Two Hundred, and No Cents (\$13,200.00)** to guarantee the faithful performance of all of the provisions of this Agreement. The surety shall have a current A.M. Best's rating of no less than "A", shall be licensed to do business in California, and shall be satisfactory to the City. Upon request of the City, the amount of the bond shall be subject to adjustment at the sole and absolute discretion of the City if the estimated cost of the Grading Work changes. As part of the obligation secured by the surety and in addition to the face amount of the bond, the surety shall also secure the costs and reasonable expenses and fees, including reasonable attorney's fees and costs, incurred by City in enforcing the obligations of this Agreement. These expenses, fees and costs shall be taxed as costs and included in any judgment rendered. The surety stipulates and agrees that no change, extension of time, alteration or addition to the terms of this Agreement, the Grading Work, or the plans shall in any way affect its obligation on the bond. In addition, the surety waives notice of any change, extension of time, alteration or addition to the terms of this Agreement, the Grading Work, or the plans.

**FOURTH:** Developer shall complete or have completed at its own cost and expense all Grading Work and other associated improvements required by the City as part of the approval of Project within 18 months from the date of this agreement. The City may, either before or after the expiration of the time provided herein and in its sole and absolute discretion, provide Developer with additional time within which to complete the Grading Work and Improvements. It is understood that by providing security for this Agreement, Developer's surety consents in advance to any extension of time as may be given by City to Developer, and waives any and all right to notice of such extension(s). The granting of an extension of time by City shall constitute a waiver by Developer and its surety of all defense of laches, estoppels, statutes of limitations, and other limitations of action in any action or proceeding filed by City following the date on which the Grading Work was to have been completed hereunder.

**FIFTH:** Developer and its contractors, if any, shall perform all work necessary to complete the Grading Work under this Agreement in a skillful and workmanlike manner, and consistent with the standards generally recognized as being employed by professionals in the same discipline in the State of California. Developer represents and maintains that it or its contractors shall be skilled in the professional calling necessary to perform the work. Developer warrants that all of its employees and contractors shall have sufficient skill and experience to perform the work assigned to them, and that they shall have all licenses, permits, qualifications and approvals of whatever nature that are legally required to perform the work, and that such licenses, permits, qualifications and approvals shall be maintained throughout the term of this Agreement.

**SIXTH:** If Grading Work or construction of any Improvements has commenced prior to execution of this Agreement, Developer shall warranty that the Grading Work and Improvements is in compliance with the approved Plans and with this Agreement. If found not to be in compliance with the approved Plans or this Agreement, Developer shall remove and repair at Developers sole expense such Grading Work and Improvements to the satisfaction of the City.

**SEVENTH:** Upon default of any obligation hereunder, and at any time after any such default, City may make written demand upon Developer or its surety, or both, to immediately remedy the default or complete the Grading Work and Improvements. If the required work is not substantially commenced within ten (10) days of such demand, or if it is not thereafter diligently prosecuted to a completion acceptable to City within the time frame contained in the demand, City may then complete all remaining work, arrange for the completion of all remaining work, and/or conduct such remedial activity as in its sole and absolute discretion it believes is required. All such work or remedial activity shall be at the sole and absolute expense and obligation of Developer and its surety, without the necessity of giving any further notice to Developer or surety. City's right to take such actions shall in no way be limited by the fact that Developer or its surety may have constructed any of the required Grading Work and Improvements at the time of City's demand for performance. In the event City elects to complete or arrange for completion of the remaining work and improvements, City may require all work by Developer or its surety to cease in order to permit adequate coordination by City.

**EIGHTH:** City shall not be responsible or liable for the maintenance or care of any Grading Work or Improvements. Developer shall maintain all of the Grading Work and Improvements in a state of good repair until they are completed by Developer and approved by City, and until the security for the performance of this Agreement is released. If Developer fails to properly maintain the Grading Work and Improvements, City may do all necessary work and the cost thereof shall be the responsibility of Developer and its surety under this Agreement. City shall not be responsible or liable for any damages or injury of any nature in any way related to or caused by the Grading Work and Improvements or their condition. Developer shall be responsible for maintaining all Grading Work and Improvements including onsite drainage improvements against any defective work or labor done, or defective materials furnished in the performance of this Agreement for a period of one (1) year following completion of the work and acceptance by City. Upon completion of any public drainage improvements by Developer and approval and acceptance by City, twenty-five percent (25%) of the original face value of the surety shall continue in full force and effect for the purpose of guaranteeing repair of defective workmanship and materials of the Improvements for the one (1) year period.

**NINTH:** Developer agrees that any and all Grading Work done or to be done in conjunction with the Project shall conform to all state and local laws, ordinances, regulations and other requirements, including City's Grading Ordinance. In order to prevent damage to Public Improvements by improper drainage or other hazards, the grading shall be completed in accordance with the above time schedule and prior to City's approval and release of surety. If City determines that there is a violation of applicable federal, state or local laws, ordinances, regulations or other requirements, or the terms and conditions of this Agreement, it may issue a cease and desist order. Developer hereby acknowledges irreparable harm and injury to City for the purposes of an application by City to the courts for a restraining order hereunder.

**TENTH:** Developer and its surety shall defend, indemnify and hold City, its officials, officers, employees and agents free and harmless from any and all liability from loss, damage, or injury to property or persons, including wrongful death, in any manner arising out of or incident to any acts, omissions or willful misconduct of Developer, its officers, employees or agents arising out of or in connection with Developer's performance of this Agreement, including without limitation the payment of attorneys' fees. Further, Developer and its surety shall defend at their own expense, including attorneys' fees, City, its officials, officers, employees, and agents in any legal action based upon such acts, omissions or willful misconduct

**ELEVENTH:** If Developer fails to complete all or any part of the Grading Work required by this Agreement within the time set forth herein, or if Developer fails to comply with any other obligation contained herein, Developer and its surety shall be jointly and severally liable to City for all administrative expenses, fees and costs, including reasonable attorney's fees and costs, incurred in obtaining compliance with this Agreement or in processing any legal action or for any other remedies permitted by law.

**TWELVETH:** Developer shall procure and maintain, and shall require its contractors to procure and maintain, for the duration of this Agreement, insurance of the types and in the amounts and in a form and from insurers satisfactory to the City. Developer and its contractors shall furnish the City with original certificates of insurance and endorsements effecting coverage required by this Agreement. The certificates and endorsements for each insurance policy shall be signed by a person authorized by that insurer to bind coverage on its behalf, and shall be on forms provided by the City. All certificates and endorsements must be received and approved by the City before work pursuant to this Agreement can begin. The City reserves the right to require complete, certified copies of all required insurance policies, at any time.

**THIRTEENTH:** Should either party bring a legal action for the purpose of protecting or enforcing its rights and obligations under this Agreement, the prevailing party shall be entitled, in addition to other relief, to the recovery of its attorney's fees, expenses and costs of suit.

**FOURTEENTH:** All notices to be given hereunder shall be in writing and may be made either by personal delivery or by registered or certified mail, postage prepaid, return receipt requested. Mailed notices shall be addressed to the parties listed at the addresses listed below, but each party may change the address by written notice in accordance with this paragraph. Notices delivered personally will be deemed communicated as of actual receipt; mailed notices will be deemed communicated as of two (2) days after mailing.

**CITY:**  
City of Corona  
Public Works Dept.  
400 South Vicentia Avenue  
Corona, CA 92882

**DEVELOPER:**  
FOOTHILL PARKWAY  
SHOPPING PLAZA, LLC  
2843 Calle Heraldo  
San Clemente, CA 92673

**FIFTHTEENTH:** This Agreement contains the entire Agreement of the parties with respect to the subject matter hereof, and supersedes all prior negotiations, understandings or agreements, written or oral, express or implied. The invalidity in whole or in part of any provision of this Agreement shall not void or affect the validity of any other provision of this Agreement.

SIXTEENTH: This Agreement shall be binding on the successors and assigns of the parties

**FOOTHILL PARKWAY SHOPPING PLAZA, LLC,**  
a California limited liability company

By: [Signature]  
Name  
Manager / Partner  
Title

By: [Signature]  
Name  
Manager / Partner  
Title

**ATTEST:**

**CITY CLERK  
OF THE CITY OF CORONA**

**CITY OF CORONA**

By: \_\_\_\_\_  
(City Clerk)

By: \_\_\_\_\_  
(Mayor)

(SEAL)

*See attachment*

**NOTE: TWO SIGNATURES ARE REQUIRED FOR CORPORATIONS UNLESS CORPORATE DOCUMENTS ARE PROVIDED THAT INDICATE OTHERWISE.**

SIGNATURES OF DEVELOPER MUST BE EXECUTED AND ACKNOWLEDGED BEFORE A NOTARY  
ORIGINAL - CITY CLERK. COPIES - DEVELOPER AND PUBLIC WORKS PROJECT FILE

CALIFORNIA NOTARY ACKNOWLEDGMENT

For An Individual Acting In His/Her Own Right:

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

State of California )  
County of Riverside ) ss.

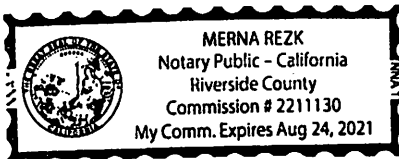
On June 22, 2018 before me, Merna Rezk Notary Public, personally appeared  
Hoshyar Max Saedi and Feridoon Saedi

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

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

WITNESS my hand and official seal

[NOTARIAL SEAL]



Merna Rezk  
Signature  
Merna Rezk  
Print Name

My commission expires: 08-24-2021

**EXHIBIT "A"**  
**LIST OF GRADING WORK**

(Engineer's Cost Estimate Attached)

Quantity of Grading	<b>\$ 13,200.00</b>
Erosion Control	<b>\$ 2,500.00</b>

## BOND ESTIMATE SHEET

(Use for Grading Work, Erosion Control, or Survey & Monumentation Bond Only)

Project: PWGR2018-0014  
Location: Foothill PKWY PARCEL 2-STARBUCKS  
DWG No: 18-015P

	<u>Construction Cost</u> (See Note 1)	<u>Bond Estimate</u> (Round up to nearest \$100)
<b>1 GRADING SECURITY</b>		
(a) Grading Work, see Note 2	\$43,774	\$13,200
(b) Erosion Control, See Note 3	\$3,628	\$3,700
<b>TOTAL GRADING BOND ESTIMATE (See Notes 2, 4, &amp; 6)</b>		\$14,400
<b>EROSION CONTROL CASH BOND (See Note 5)</b>		\$2,500
<b>2 SURVEY &amp; MONUMENTATION BOND</b>		
Attach Engineer's or PLS letter of Monumentation Cost, signed & stamped by the Engineer or PLS. (Bond at 100%)		

### NOTES:

1. All construction cost estimates should be attached to this form
2. Grading Bond Estimate shall be calculated at 30% of the grading construction cost, but not less than \$2500
3. Security for erosion control shall be 100% of the erosion control cost, but not less than \$2500  
For Erosion Control cost exceeding \$2500, a minimum of 25% shall be in cash and not less than \$2500;  
the remainder may be added to the grading bond.
4. A maximum of 75% of the erosion control cost *may* be added to the grading bond, when applicable
5. A minimum of 25% of the erosion control cost shall be posted in cash, but not less than \$2500
6. Sum of 30% of 1(a) & 75% max of 1(b), *only when applicable per above.*
7. City staff shall review all estimates and may change the amount of the engineer's  
estimated bonds. No arrangements for bonds or fees should be made until you  
receive the City's completed Bond and Fee Letter.
8. A current title report shall be submitted for bonding purposes.

### PREPARED BY:

Mohammad Abadi  
Engineer's Name & Signature  
Adams-Streeter Civil Engineers Inc.  
Company  
(949) 474-2330 / mabadi@adams-streeter.com  
Tel No/Email



WET STAMP & DATE

# **QUANTITY ESTIMATE FOR GRADING MARCH 2018**

**Project #:** 18-015P

**Location:** Parcel 2, PM 36311 - Foothill Parkway

<i>Item</i>	<i>Unit</i>	<i>Unit Cost</i>	<i>Quantity</i>	<i>Cost</i>
<b>Grading Improvements - Concrete and Drainage Facilities</b>				
Curb & Gutter, 6"	LF	\$42.00	253	\$ 10,626.00
Curb & Gutter, 8"	LF	\$44.00		\$ -
Cross Gutter & Spandrel	SF	\$29.00		\$ -
Box Culvert (Including Backfill)	CY	\$3,500.00		\$ -
Box Culvert (Unapp. Areas)	CY	\$2,500.00		\$ -
Catch Basin, W<8'	EA	\$7,000.00		\$ -
Catch Basin, W>8'	EA	\$10,500.00		\$ -
Channel, Reinf. Concrete Lined	SF	\$13.00		\$ -
Channel, Open Concrete <24"	LF	\$150.00		\$ -
Channel, Open Concrete 27"-36"	LF	\$250.00		\$ -
Channel, Open Concrete 42"-72"	LF	\$500.00		\$ -
Collar, 45"-60"	EA	\$1,300.00		\$ -
Collar, >60"	EA	\$2,000.00		\$ -
Encasement	LF	\$65.00		\$ -
Energy Dissipater	LS	\$10,000.00		\$ -
Grate Inlet, 12" x 12"	EA	\$500.00	2	\$ 1,000.00
Grate Inlet, 24" x 24"	EA	\$1,300.00		\$ -
Grate Inlet, 36" x 36"	EA	\$5,000.00		\$ -
Headwalls, Gravity Type	EA	\$5,000.00		\$ -
Headwalls, Wing Type	EA	\$9,000.00		\$ -
Inlet Apron	EA	\$3,000.00		\$ -
Junction Structure	EA	\$10,000.00		\$ -
Manhole, H<8'	EA	\$6,000.00		\$ -
Manhole, H>8'	EA	\$8,000.00		\$ -
Pipe, 18" RCP	LF	\$159.00		\$ -
Pipe, 24" RCP	LF	\$201.00		\$ -
Pipe, 30" RCP	LF	\$241.00		\$ -
Pipe, 36" RCP	LF	\$280.00		\$ -
Pipe, 42" RCP	LF	\$318.00		\$ -
Pipe, 48" RCP	LF	\$355.00		\$ -
Pipe, 54" RCP	LF	\$391.00		\$ -
Pipe, 60" RCP	LF	\$426.00		\$ -
Pipe, 66" RCP	LF	\$461.00		\$ -
Pipe, 72" RCP	LF	\$495.00		\$ -
Pipe, 78" RCP	LF	\$528.00		\$ -
Pipe, 84" RCP	LF	\$561.00		\$ -
Rip-Rap, Grouted	SF	\$10.00		\$ -
Rip-Rap, Grouted	TON	\$75.00		\$ -
Transition Structure	EA	\$5,000.00		\$ -
Underwalk Drain W<6'	EA	\$2,500.00		\$ -
Underwalk Drain W>6'	EA	\$3,500.00		\$ -
Retaining Walls	SF	\$15.00		\$ -



## **Erosion Control**

Catch Basin Protection Gravel Bags	EA	\$20.00	8	\$	160.00
Single Row of Gravel Bags	LF	\$1.80	260	\$	468.00
Stabalized Construction Entrance	EA	\$3,000.00	1	\$	3,000.00
Other:				\$	
Other:				\$	
Other:				\$	
Other:				\$	
Other:				\$	
Other:				\$	
Other:				\$	
SUBTOTAL				\$	3,628.00
TOTAL COST				\$	47,402.00

Tel No/Email



**WET STAMP & DATE**

6/15/18

**AGREEMENT FOR PUBLIC IMPROVEMENTS  
PARCEL MAP 36311  
Non-Master Plan Improvements for Foothill Parkway**

This Agreement is made and entered into as of this **18<sup>th</sup> day of July, 2018**, by and between the City of Corona, a municipal corporation (hereinafter referred to as "City"), **FOOTHILL PARKWAY SHOPPING PLAZA, LLC**, a **California limited liability company**, with its principal offices located at, **2843 Calle Heraldo, San Clemente, CA 92673**, (hereinafter referred to as "Developer").

**WITNESSETH:**

**FIRST:** Developer, for and in consideration of the approval by the City of the final map of that certain land division, or that certain other land development project, known as **Foothill Center Parcel Map 36311** and more particularly described in Exhibit "A" attached agrees, at Developer's own expense, to furnish all labor, equipment and material necessary, and within **FORTY-EIGHT (48)** months from the date of this Agreement, to perform and complete in a good and workmanlike manner, all of the required improvements in accordance with those improvement plans for said project which have been approved by the Public Works Director, and are on file in the office of the City Clerk, and to do all work incidental thereto in accordance with the standards set forth in City ordinances and regulations, and pay all costs of engineering necessary in connection therewith, which are expressly made a part of this Agreement. All of the above-required work shall be done under the inspection of and to the satisfaction of the Public Works Director, and shall not be deemed complete until approved and accepted as complete by the City. The Developer shall ensure that all employees or contractors completing the work and improvements in connection with this agreement have all licenses, permits, qualifications, acceptable insurance as required by the City and approvals from the City necessary to perform their respective work and that such requirements are maintained throughout the term of this agreement or any extensions thereto. Developer further agrees to guarantee the improvements for a period of one year following acceptance by the City and agrees during this one year period to repair and replace, to the satisfaction of the Public Works Director, any defective work or labor done or defective materials furnished. Developer shall complete the improvements in accordance with Section 66462, Government Code. Developer shall also complete any offsite improvements required as a condition of approval for the project and with plans approved by the Public Works Director at such time as the City acquires an interest in the land which will permit such improvements to be made, and the Developer waives the 120 day time limitation set forth in Section 66462.5, Government Code. The estimated cost of said work and improvements is the amount of **Nine Hundred Sixty-Six Thousand, Four Hundred Dollars and No Cents (\$966,400.00)**. The work and improvements covered by this agreement may also include items in addition to those listed in Exhibit "B" if additional work or improvements are deemed necessary to protect public health or safety.

**SECOND:** Developer agrees to pay to the City the actual cost of such inspection of the work and improvements as may be required by the Public Works Director. Developer further agrees that, if suit is brought upon this Agreement or any bonds guaranteeing the completion of the improvements, all costs, expenses and fees, including attorney's fees, incurred by the City in enforcing such obligations shall be paid by Developer and guaranteed by the surety in addition to the face amount of the security, and that, upon entry of judgment, such costs, expenses and fees shall be included in any judgment rendered.

**THIRD:** City shall not, nor shall any officer or employee of City, except for its or their sole negligence, be liable or responsible for any accident, loss or damage happening or occurring to the improvements prior to the completion and approval thereof, nor shall City or any officer or employee thereof, be liable for any persons or property injured by reason of the nature of the work, or by reason of the acts or omissions of Developer, its agents or employees, in the construction of the improvements, and all of said liabilities are assumed by Developer. Developer agrees to defend, indemnify and hold harmless City and its officers and employees thereof from all loss, including attorney's fees, liability or claim because of, or arising out of the acts or omissions of Developer, its agents and employees, in the performance of this Agreement, or arising out of the use of any patent or patented article in the performance of this Agreement

**FOURTH:** Developer hereby grants to the City and any authorized agent or employee of the City, the irrevocable permission to enter upon the project for the purpose of completing the improvements. This permission shall terminate in the event that the Developer has completed construction of the improvements

within the time specified or any extension thereof granted by the City.

**FIFTH:** Developer agrees at all times, up to the completion and acceptance of the improvements by the City, to give good and adequate warning to the traveling public of each and every dangerous condition caused by the construction of the improvements, and to protect the traveling public from such dangerous conditions. Developer shall keep all traveled ways that are a part of, or affected by the construction of this project free and clear of mud, dirt and debris and shall provide a minimum of twice monthly street sweeping service. A copy of the contract for street sweeping service shall be provided to the City. Developer's obligation for street sweeping shall continue until such time as the City accepts the improvements as being complete. The bonds securing performance of this Agreement shall secure developer's obligation under this provision.

**SIXTH:** Developer, its agents and employees, shall give notice to the Public Works Director at least 48 hours before beginning any work and shall furnish the Public Works Director all reasonable facilities and access for obtaining full information with respect to the progress and manner of work.

**SEVENTH:** If Developer, its agents or employees, neglects, refuses, or fails to construct the work with such diligence as to insure its completion within the specified time, or within such extensions of time that have been granted by the City, or if Developer fails to perform satisfactorily any of the provisions of the plans it shall be in default of this Agreement and written notice of such default shall be served upon Developer. The City Council shall have the power, on recommendation by the Public Works Director, to terminate all rights of the Developer because of such default. The determination by the Public Works Director whether any of the terms of the Agreement or plans have been violated, or have not been performed satisfactorily, shall be conclusive upon the Developer, and all parties who may have any interest in this Agreement or any portion thereof. The provisions of this section shall be in addition to all other rights and remedies available to the City at law or in equity.

**EIGHTH:** Developer agrees to file with City, prior to the date this Agreement is executed, (a) good and sufficient improvement security in an amount not less than the estimated cost of the work and improvements for the faithful performance of the terms and conditions of this Agreement, and (b) good and sufficient security for payment of labor and materials in the amount prescribed by City ordinances and regulations to secure the claims to which reference is made in Title 15 (commencing with Section 3082) of Part 4 of Division 3 of the California Civil Code. Developer agrees to renew each and every such bond(s) with good and sufficient sureties or increase the amounts of said bond(s), or both, within ten (10) days after being notified by the Public Works Director that the sureties or amounts are insufficient. Notwithstanding any other provision herein, if Developer fails to take such action as is necessary to comply with said notice, he shall be in default of this Agreement unless all required improvements are completed within ninety (90) days following the date on which the Public Works Director notified Developer of the insufficiency of the security or the amount of the bond(s) or both.

**NINTH:** Developer and the City and any surety or sureties on the bond(s) securing this Agreement agree that, in the event it is deemed necessary to extend the time for completion of the improvements and work to be done under this Agreement, extensions of time **may** be granted by the City, either at its own option, or upon request of Developer, and such extensions shall not affect the validity of this Agreement or release the surety or sureties on said bond(s). Developer agrees to maintain the aforesaid bond(s) in full force and effect during the terms of this Agreement, including any extensions of time as may be granted.

**TENTH:** If any provision of this Agreement is held by the courts to be unlawful and void, the validity of the remaining portions shall not be affected and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular provision held to be invalid. This agreement and the obligations described herein are binding upon the project and successor owners thereof; provided, however, that Developer will remain obligated hereunder until such time as new agreements covering the matters described herein have been executed by the City and the new owner of the project.

**ELEVENTH:** Any notice or notices required or permitted to be given pursuant to this Agreement shall be given to the other party by mail, postage prepaid, at the following addresses:

**City:**

The City of Corona  
Public Works Department  
400 S. Vicentia Avenue  
Corona, CA 92882

**Developer:**

FOOTHILL PARKWAY  
SHOPPING PLAZA, LLC  
2843 Calle Heraldo  
San Clemente, CA 92673

**IN WITNESS WHEREOF** Developer has affixed his name, address and seal.

**FOOTHILL PARKWAY SHOPPING PLAZA, LLC,  
a California limited liability company**

By: *Brandon Sapp*  
Name

Manager / Partner  
Title

By: *Harbin Sadi*  
Name

Manager / Partner  
Title

**ATTEST:**

**CITY CLERK  
OF THE CITY OF CORONA**

**CITY OF CORONA**

By: \_\_\_\_\_  
(City Clerk)

By: \_\_\_\_\_  
(Mayor)

**(SEAL)**

**NOTE: TWO SIGNATURES ARE REQUIRED FOR CORPORATIONS UNLESS CORPORATE  
DOCUMENTS ARE PROVIDED THAT INDICATE OTHERWISE.**

SIGNATURES OF DEVELOPER MUST BE EXECUTED AND ACKNOWLEDGED BEFORE A NOTARY  
ORIGINAL - CITY CLERK; COPIES - DEVELOPER AND PUBLIC WORKS PROJECT FILE

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

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

State of California )  
 County of Riverside )  
 On June 29, 2018 before me, Karen Arveduto - Notary Public  
 Date Here Insert Name and Title of the Officer  
 personally appeared Feridoon & Hooshier Max Saedi  
 Name(s) of Signer(s)

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

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

WITNESS my hand and official seal.



Signature Karen Arveduto  
 Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

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

**Description of Attached Document**

Title or Type of Document: Agmt Pub Imp Document Date: 06/29/18  
 Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

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

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

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

EXHIBIT "A"  
LEGAL DESCRIPTION OF THE PROJECT  
SEE ATTACHED

**Exhibit "A"**

**Legal Description**

A.P.N.: 277-210-001-2 and See Add'l 4 APN's and 277-210-002 and 277-220-005 and 277-220-006 and 277-220-007

Real property in the City of Corona, County of Riverside, State of California, described as follows:

PARCEL 1: (APN: 277-210-002-3 AND 277-220-005-7)

THAT PORTION OF THAT CERTAIN PARCEL OF LAND WHICH WAS CONVEYED TO THE STATE OF CALIFORNIA BY DEED RECORDED APRIL 12, 1965 AS INSTRUMENT NO. 41634 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, AND THAT PORTION OF THAT CERTAIN PARCEL OF LAND ACQUIRED BY THE STATE OF CALIFORNIA BY FINAL ORDER OF CONDEMNATION RENDERED IN CASE NO. 83784, SUPERIOR COURT OF THE STATE OF CALIFORNIA, IN AND FOR THE COUNTY OF RIVERSIDE, A CERTIFIED COPY OF WHICH ORDER WAS RECORDED JANUARY 20, 1965 IN BOOK 3906 PAGE 8 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, SAID PARCELS CONSISTING OF PORTIONS OF GOVERNMENT LOTS 14 AND 11, RESPECTIVELY, IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN, AND WHICH PORTIONS ARE LYING WESTERLY OF THE FOLLOWING DESCRIBED LINE;

BEGINNING AT A POINT IN THE CENTER LINE OF EL CERRITO ROAD, 55 FEET WIDE, AS SHOWN ON MAP OF EL CERRITO HILLS NO. 2, IN BOOK 22 PAGES 33, 34 AND 35 OF MAPS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, DISTANT ALONG SAID CENTER LINE SOUTH 60° 07' 03" WEST, 161.89 FEET FROM THE INTERSECTION THEREOF WITH THE CENTER LINE OF DIANE STREET, 50 FEET WIDE, SHOWN ON SAID MAP AS AN UN-NAMED STREET BORDERING LOT 27 OF SAID EL CERRITO HILLS NO. 2 ON THE WEST;

THENCE NORTH 29° 52' 57" WEST, 50.00 FEET;  
THENCE NORTH 45° 08' 39" EAST, 113.43 FEET;  
THENCE NORTH 18° 39' 05" WEST, 474.02 FEET;  
THENCE NORTH 21° 12' 28" WEST, 462.16 FEET;  
THENCE NORTH 20° 28' 53" WEST, 401.53 FEET;  
THENCE NORTH 25° 28' 54" WEST, 200 FEET;

EXCEPTING THEREFROM ALL MINERALS, OIL, GASES AND OTHER HYDROCARBONS BY WHATSOEVER NAME KNOWN THAT MAY BE WITHIN OR UNDER THE PARCEL OF LAND HEREINABOVE DESCRIBED, WITHOUT, HOWEVER, THE RIGHT TO DRILL, DIG OR MINE THROUGH THE SURFACE THEREOF AS RESERVED BY THE STATE OF CALIFORNIA IN DEED RECORDED OCTOBER 7, 1965 AS INSTRUMENT NO. 115242 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

ALSO EXCEPTING THEREFROM THAT PORTION THEREOF MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE MOST NORTHERLY CORNER OF THAT CERTAIN PARCEL OF LAND GRANTED TO FRANCIS A. STEARNS BY DEED RECORDED OCTOBER 7, 1965 AS INSTRUMENT NO. 115242 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA;

THENCE SOUTHERLY ALONG THE WESTERLY LINE OF SAID PARCEL 405.75 FEET TO THE TRUE POINT OF BEGINNING;

THENCE CONTINUING SOUTHERLY ALONG THE WESTERLY LINE OF SAID PARCEL 120 FEET;

THENCE EASTERLY AT RIGHT ANGLES, TO SAID WESTERLY LINE 100 FEET;

THENCE NORTHERLY AND PARALLEL TO SAID WESTERLY LINE 120 FEET;

THENCE WESTERLY 100 FEET TO THE TRUE POINT OF BEGINNING.

THE WESTERLY LINE OF GOVERNMENT LOTS 11 AND 14 REFERRED TO HEREIN ARE THOSE SHOWN BY THE UNITED STATES GOVERNMENT SURVEY APPROVED NOVEMBER 2, 1874; REFERENCE IS HEREBY MADE TO RIVERSIDE COUNTY, SUPERIOR COURT CASE NO. 88752 AND JUDGMENT ENTERED ON DECEMBER 31, 1969 IN RELATION TO THE LOCATION OF THE WEST LINES OF GOVERNMENT LOTS 11 AND 14.

**PARCEL 1A:**

AN EXCLUSIVE EASEMENT FOR PRIVATE ROAD FOR SECONDARY ACCESS FOR THE USE OF THE COMMERCIAL IMPROVEMENTS AS DESCRIBED IN GRANT OF EASEMENTS RECORDED AUGUST 18, 2014 AS INSTRUMENT NO. 2014-0311968 OF OFFICIAL RECORDS AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THAT PORTION OF GOVERNMENT LOT 13 IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN IN A RECORD OF SURVEY, ON FILE IN BOOK 124, PAGES 39 AND 40, OF RECORD OF SURVEYS, OF SAID COUNTY, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF PARCEL 2 OF A GRANT DEED, RECORDED APRIL 1, 1955, AS DOCUMENT NO. 21267, BOOK 1717, PAGE 55, OF DEEDS, RECORDS OF SAID COUNTY, AND AS SHOWN ON SAID RECORD OF SURVEY;

THENCE SOUTHERLY, ALONG THE EAST LINE OF SAID LOT 13, SOUTH 01° 00' 04" WEST, A DISTANCE OF 557.54 FEET TO A POINT LYING ON THE NORTHERLY RIGHT OF WAY OF FOOTHILL PARKWAY, BEING PARCEL "A" OF INSTRUMENT NO. 2000-344682, RECORDED SEPTEMBER 01, 2000, OF OFFICIAL RECORDS OF SAID COUNTY;

THENCE WESTERLY ALONG SAID NORTHERLY RIGHT OF WAY, SOUTH 67° 26' 50" WEST, A DISTANCE OF 30.54 FEET TO A POINT LYING ON A LINE THAT IS PARALLEL WITH AND DISTANCE 28.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 489.83 FEET;

THENCE EASTERLY, LEAVING SAID PARALLEL LINE, SOUTH 88° 50' 39" EAST, A DISTANCE OF 22.00 FEET TO A POINT ON A LINE THAT IS PARALLEL WITH AND DISTANT 6.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 80.05 FEET TO A POINT LYING ON THE NORTHERLY LINE OF SAID PARCEL 2;

THENCE EASTERLY ALONG SAID NORTHERLY LINE OF PARCEL 2, SOUTH 88° 23' 41" EAST, A DISTANCE OF 6.00 FEET TO THE POINT OF BEGINNING.



**PARCEL 2: (APN: 277-210-001-2)**

**THAT PORTION OF GOVERNMENT LOT 11, IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN MORE PARTICULARLY DESCRIBED AS FOLLOWS:**

**COMMENCING AT THE MOST NORTHERLY CORNER OF THAT CERTAIN PARCEL OF LAND GRANTED TO FRANCIS A. STEARNS BY DEED RECORDED OCTOBER 7, 1965 AS INSTRUMENT NO. 115242 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA;**

**THENCE SOUTHERLY ALONG THE WESTERLY LINE OF SAID PARCEL 405.75 FEET TO THE TRUE POINT OF BEGINNING;**

**THENCE CONTINUING SOUTHERLY ALONG THE WESTERLY LINE OF SAID PARCEL 120 FEET;**

**THENCE EASTERLY AT RIGHT ANGLES TO SAID WESTERLY LINE 100 FEET;**

**THENCE NORTHERLY AND PARALLEL TO SAID WESTERLY FINE 120 FEET;**

**THENCE WESTERLY 100 FEET TO THE TRUE POINT OF BEGINNING.**

**THE WESTERLY LINE OF GOVERNMENT LOTS 11 AND 14 REFERRED TO HEREIN ARE THOSE AS SHOWN BY THE UNITED STATES GOVERNMENT SURVEY APPROVED NOVEMBER 2, 1874; REFERENCE IS HEREBY MADE TO RIVERSIDE COUNTY SUPERIOR COURT CASE NO. 88752 AND JUDGMENT ENTERED ON DECEMBER 31, 1969 IN RELATION TO THE LOCATION OF THE WEST LINES OF GOVERNMENT LOTS 11 AND 14.**

**EXCEPTING THEREFROM ALL MINERALS, OIL, GASES AND OTHER HYDROCARBONS BY WHATSOEVER NAME KNOWN THAT MAY BE WITHIN OR UNDER THE PARCEL OF LAND HEREINABOVE DESCRIBED, WITHOUT, HOWEVER, THE RIGHT TO DRILL, DIG OR MINE THROUGH THE SURFACE THEREOF AS RESERVED BY THE STATE OF CALIFORNIA IN DEED RECORDED OCTOBER 7, 1965 AS INSTRUMENT NO. 115242 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.**

**PARCEL 2A:**

**AN EXCLUSIVE EASEMENT FOR PRIVATE ROAD FOR SECONDARY ACCESS FOR THE USE OF THE COMMERCIAL IMPROVEMENTS AS DESCRIBED IN GRANT OF EASEMENTS RECORDED AUGUST 18, 2014 AS INSTRUMENT NO. 2014-0311968 OF OFFICIAL RECORDS AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:**

**THAT PORTION OF GOVERNMENT LOT 13 IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN IN A RECORD OF SURVEY, ON FILE IN BOOK 124, PAGES 39 AND 40, OF RECORD OF SURVEYS, OF SAID COUNTY, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:**

**BEGINNING AT THE NORTHEAST CORNER OF PARCEL 2 OF A GRANT DEED, RECORDED APRIL 1, 1955, AS DOCUMENT NO. 21267, BOOK 1717, PAGE 55, OF DEEDS, RECORDS OF SAID COUNTY, AND AS SHOWN ON SAID RECORD OF SURVEY;**

**THENCE SOUTHERLY, ALONG THE EAST LINE OF SAID LOT 13, SOUTH 01° 00' 04" WEST, A DISTANCE OF 557.54 FEET TO A POINT LYING ON THE NORTHERLY RIGHT OF WAY OF FOOTHILL PARKWAY, BEING PARCEL "A" OF INSTRUMENT NO. 2000-344682, RECORDED SEPTEMBER 01, 2000, OF OFFICIAL RECORDS OF SAID COUNTY;**

Date: **June 08, 2017**

THENCE WESTERLY ALONG SAID NORTHERLY RIGHT OF WAY, SOUTH 67° 26' 50" WEST, A DISTANCE OF 30.54 FEET TO A POINT LYING ON A LINE THAT IS PARALLEL WITH AND DISTANCE 28.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 489.83 FEET;

THENCE EASTERLY, LEAVING SAID PARALLEL LINE, SOUTH 88° 50' 39" EAST, A DISTANCE OF 22.00 FEET TO A POINT ON A LINE THAT IS PARALLEL WITH AND DISTANT 6.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 80.05 FEET TO A POINT LYING ON THE NORTHERLY LINE OF SAID PARCEL 2;

THENCE EASTERLY ALONG SAID NORTHERLY LINE OF PARCEL 2, SOUTH 88° 23' 41" EAST, A DISTANCE OF 6.00 FEET TO THE POINT OF BEGINNING.

PARCEL 3: (APN: 277-220-006-8 AND 277-220-007-9)

THAT PORTION OF GOVERNMENT LOT 14 IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE WEST LINE OF SAID GOVERNMENT LOT 14 AND THE NORTHWESTERLY LINE OF EL CERRITO ROAD, AS SHOWN BY MAP OF EL CERRITO HILLS #2 ON FILE IN BOOK 22 PAGES 33, 34, AND 35 OF MAPS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, AS SHOWN ON RECORD OF SURVEY IN BOOK 45 PAGE 80 OF RECORD OF SURVEY, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA;  
THENCE NORTH 0° 24' EAST, ALONG THE WESTERLY LINE OF SAID GOVERNMENT LOT 14, A DISTANCE OF 645.17 FEET;  
THENCE SOUTH 88° 47' 10" EAST, A DISTANCE OF 612.53 FEET;  
THENCE SOUTH 48° 07' 10" EAST, A DISTANCE OF 243.29 FEET TO A POINT ON THE NORTHWESTERLY LINE OF SAID EL CERRITO ROAD;  
THENCE SOUTH 59° 31' WEST, ALONG THE NORTHWESTERLY LINE OF SAID EL CERRITO ROAD, A DISTANCE OF 926.03 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION THEREOF CONVEYED TO THE STATE OF CALIFORNIA, BY DEED RECORDED APRIL 12, 1965 AS INSTRUMENT NO. 41637 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

PARCEL 3A:

AN EXCLUSIVE EASEMENT FOR PRIVATE ROAD FOR SECONDARY ACCESS FOR THE USE OF THE COMMERCIAL IMPROVEMENTS AS DESCRIBED IN GRANT OF EASEMENTS RECORDED AUGUST 18, 2014 AS INSTRUMENT NO. 2014-0311968 OF OFFICIAL RECORDS AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THAT PORTION OF GOVERNMENT LOT 13 IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN IN A RECORD OF SURVEY, ON FILE IN BOOK 124, PAGES 39 AND 40, OF RECORD OF SURVEYS, OF SAID COUNTY, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF PARCEL 2 OF A GRANT DEED, RECORDED APRIL 1, 1955, AS DOCUMENT NO. 21267, BOOK 1717, PAGE 55, OF DEEDS, RECORDS OF SAID COUNTY, AND AS SHOWN ON SAID RECORD OF SURVEY;

THENCE SOUTHERLY, ALONG THE EAST LINE OF SAID LOT 13, SOUTH 01° 00' 04" WEST, A DISTANCE OF 557.54 FEET TO A POINT LYING ON THE NORTHERLY RIGHT OF WAY OF FOOTHILL PARKWAY, BEING PARCEL "A" OF INSTRUMENT NO. 2000-344682, RECORDED SEPTEMBER 01, 2000, OF OFFICIAL RECORDS OF SAID COUNTY;

THENCE WESTERLY ALONG SAID NORTHERLY RIGHT OF WAY, SOUTH 67° 26' 50" WEST, A DISTANCE OF 30.54 FEET TO A POINT LYING ON A LINE THAT IS PARALLEL WITH AND DISTANCE 28.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 489.83 FEET;

THENCE EASTERLY, LEAVING SAID PARALLEL LINE, SOUTH 88° 50' 39" EAST, A DISTANCE OF 22.00 FEET TO A POINT ON A LINE THAT IS PARALLEL WITH AND DISTANT 6.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 80.05 FEET TO A POINT LYING ON THE NORTHERLY LINE OF SAID PARCEL 2;

THENCE EASTERLY ALONG SAID NORTHERLY LINE OF PARCEL 2, SOUTH 88° 23' 41" EAST, A DISTANCE OF 6.00 FEET TO THE POINT OF BEGINNING.

**EXHIBIT "B"**  
**COST ESTIMATE**  
(To be provided by developer's engineer)

SEE ATTACHED

Faithful Performance	\$966,400.00
Labor and Material	\$483,200.00

## BOND ESTIMATE SHEET

**(Use for Improvements Other than Grading Work Only)**

**Project:** PIM 150020  
**Location:** Foothill Parkway from Gunnoe/Ma  
**DWG No:** 15-044S

**DATE:** 04-20-2018

Description of Improvements <i>*Fill in as appropriate</i>	<u>Construction Cost</u>	<u>Performance Bond</u> Note 2 (Round up to nearest \$200)	<u>Labor &amp; Materials</u> <u>Bond</u> Note 3 (Round up to nearest \$100)
1 Non-Master Planned RW (Public) Improvements	743,267.55	966,400	483,200
2 Master-Planned RW (Public) Improvements			
3 Interim Improvements (not including Grading Work)			
4 On-Site Public Improvements			
5 On-site Non-public Improvements			
6 Additional Bond Improvements (beyond typical)			

**NOTES:**

- 1 All construction cost estimates should be attached to this form, and shall include publicly maintained landscape & irrigation.
- 2 Performance Bond Estimate shall be calculated at 130% of the estimated construction cost, to include Engineering, Contingencies, & Planning. The 130% is the estimated total construction
- 3 Labor & Material Bond Estimate shall be 50% of the calculated Performance Bond
- 4 City staff shall review all estimates and may change the amount of the engineer's estimated bonds.
- 5 **A current title report shall be submitted for bonding purposes.**

**PREPARED BY:**

**Mohammad Mohammadabadi, R.C.E.**

**Engineer's Name & Signature**

**WET STAMP & DATE**

**Adams Streeter Civil Engineers**

**Company** (949) 474-2330 ext. 209

**mabadi@adams-streeter.com**

Tel No/Email



**City of Corona**  
**ENGINEER'S OPINION FOR QUANTITIES AND COST ESTIMATE**

**PROJECT NO:** Parcel Map No. 36311

**LOCATION:** Foothill Parkway from Gunnoe CT/Marquez Way to I-15 Off-Ramp

**DATE:** April 20, 2018

**ENGINEER:** Mo Abadi, R.C.E.

**R.C.E. Number:** 42615

**Expiration Date:** 3-31-2020

**Company:** Adams Streeter, Civil Engineers

**Telephone No.** 949-474-2330

<b>TOTAL STREET IMPROVEMENT COST:</b>	
<b>TOTAL CIVIL IMPROVEMENTS COST ESTIMATE:</b>	<b>\$339,144.00</b>
<b>TOTAL TRAFFIC IMPROVEMENTS COST ESTIMATE:</b>	<b>\$364,794.55</b>
<b>TOTAL LANDSCAPING IMPROVEMENTS COST ESTIMATE:</b>	<b>\$39,329.00</b>
<b>TOTAL ESTIMATE COSTRUCTION COST:</b>	<b>\$743,267.55</b>

## QUANTITY ESTIMATE FOR PUBLIC IMPROVEMENTS MARCH 2018

Project #: PIM 1500200

Location: Foothill Parkway/I-15 Off-Ramp

Item	Unit	Unit Cost	Quantity	Cost
<b>Removal</b>				
AC Berm	LF	\$8.00	486	\$ 3,888
AC Pavement	SF	\$3.00	3,730	\$ 11,190
Curb Only	LF	\$10.00		\$
Curb & Gutter	LF	\$16.00	225	\$ 3,600
D/W Approach	SF	\$13.00		\$
Sidewalk	SF	\$8.00	1,420	\$ 11,360
W/C Ramp	SF	\$8.00		\$
Chain Link Fence	LF	\$7.50	520	\$ 3,900
Water Meter	EA	\$2,000.00	2	\$ 4,000
OTHER=				\$
			<b>SUBTOTAL</b>	<b>\$ 37,938</b>

<b>Relocation</b>				
Power/Telephone Pole	EA	\$5,000.00		\$
Pull Boxes	EA	\$500.00		\$
Street Light	EA	\$6,000.00		\$
Street Sign	EA	\$400.00		\$
Riser	EA	\$500.00	1	\$ 500
OTHER=				\$
			<b>SUBTOTAL</b>	<b>\$ 500</b>

<b>Asphalt</b>				
AC Berm 6"	LF	\$35.00		\$
AC Berm 8"	LF	\$38.00		\$
AC Fogseal	SY	\$5.00		\$
AC Overlay(Grind & overlay 43,005 S.F.)	SY	\$8.00	4,778	\$ 38,224
AC Pavement	SF		8,880	\$
Asphalt (sf x depth x 0.075)	TON	\$190.00	333	\$ 63,270
Base (sf x depth / 27)	CY	\$110.00	274	\$ 30,140
Fogseal	SY	\$5.00	987	\$ 4,935
OTHER=				\$
OTHER=				\$
OTHER=				\$
			<b>SUBTOTAL</b>	<b>\$ 136,569</b>

<b>Concrete</b>				
Alley Approach, 8" PCC	SF	\$28.00		\$
Curb Only 6"	LF	\$35.00	170	\$ 5,950
Curb Only 8"	LF	\$39.00	345	\$ 13,455
Curb & Gutter 6"	LF	\$42.00	370	\$ 15,540
Curb & Gutter 8"	LF	\$44.00	215	\$ 9,460

Cross Gutter & Spandrel	SF	\$29.00		\$
D/W Approach, Complete	EA	\$6,000.00		\$
D/W Approach, 6"	SF	\$28.00		\$
D/W Approach, 8"	SF	\$30.00		\$
Pavement, 6"	SF	\$13.00		\$
Pavement, 8"	SF	\$15.00		\$
Sidewalk, 4"	SF	\$13.00	2,010	\$ 26,130
V-Gutter	SF	\$38.00		\$
W/C Ramp	EA	\$3,800.00		\$
W/C Ramp	SF	\$30.00	260	\$ 7,800
Detectable Surface	SF	\$18.00	300	\$ 5,400
0' Curb and Gutter	LF	\$26.00	40	\$ 1,040
Curb 6" to 8" Transition	LF	\$26.00	120	\$ 3,120
			<b>SUBTOTAL</b>	<b>\$ 87,895</b>

#### Storm Drain

Box Culvert (Including Backfill)	CY	\$3,500.00		\$
Box Culvert (Unapp. Areas)	CY	\$2,500.00		\$
Catch Basin, W<8'	EA	\$7,000.00		\$
Catch Basin, W>8'	EA	\$10,500.00	1	\$ 10,500
Channel, Reinf. Conc. Lined	SF	\$13.00		\$
Channel, Open Conc. <24"	LF	\$150.00		\$
Channel, Open Conc. 27"-36"	LF	\$250.00		\$
Channel, Open Conc. 42"-72"	LF	\$500.00		\$
Collar, 45"-60"	EA	\$1,300.00		\$
Collar, >60"	EA	\$2,000.00		\$
Encasement	LF	\$65.00		\$
Energy Dissipater	LS	\$10,000.00		\$
Grate Inlet, 12" x 12"	EA	\$500.00		\$
Grate Inlet, 24" x 24"	EA	\$1,300.00		\$
Grate Inlet, 36" x 36"	EA	\$5,000.00		\$
Headwalls, Gravity Type	EA	\$2,000.00		\$
Headwalls, Wing Type	EA	\$9,000.00		\$
Inlet Apron	EA	\$3,000.00		\$
Junction Structure	EA	\$10,000.00	2	\$ 20,000
Manhole, H<8'	EA	\$6,000.00		\$
Manhole, H>8'	EA	\$8,000.00		\$
Pipe, 18" RCP	LF	\$159.00	70	\$ 11,130
Pipe, 24" RCP	LF	\$201.00	12	\$ 2,412
Pipe, 30" RCP	LF	\$241.00		\$
Pipe, 36" RCP	LF	\$280.00		\$
Pipe, 42" RCP	LF	\$318.00		\$
Pipe, 48" RCP	LF	\$355.00		\$
Pipe, 54" RCP	LF	\$391.00		\$
Pipe, 60" RCP	LF	\$426.00		\$
Pipe, 66" RCP	LF	\$461.00		\$
Pipe, 72" RCP	LF	\$495.00		\$
Pipe, 78" RCP	LF	\$528.00		\$



Pipe, 84" RCP	LF	\$561.00		\$
Rip-Rap, Grouted	SF	\$10.00		\$
Rip-Rap, Grouted	Ton	\$75.00		\$
Transition Structure	EA	\$5,000.00		\$
Underwalk Drain, W<6'	EA	\$3,000.00		\$
Underwalk Drain, W>6'	EA	\$4,000.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
			<b>SUBTOTAL</b>	<b>\$ 44,042</b>

#### Street Lights

Pull Box No. 3 1/2	EA	\$500.00		\$
Pull Box No. 5	EA	\$700.00		\$
Service Point	EA	\$7,000.00		\$
St. Light, 501 - 1 only	EA	\$5,000.00		\$
St. Light, 501 - 2 to 5	EA	\$4,900.00		\$
St. Light, 501 - 5+	EA	\$4,800.00		\$
St. Light, 502 - 1 only	EA	\$5,500.00		\$
St. Light, 502 - 2 to 5	EA	\$5,400.00		\$
St. Light, 502 - 5+	EA	\$5,300.00		\$
St. Lt. Conduit, 1" Sch 80				\$
<500 LF	LF	\$12.00		\$
>500 LF	LF	\$10.00		\$
St. Lt. Conduit, 1 1/2"				\$
<500 LF	LF	\$16.00		\$
>500 LF	LF	\$14.00		\$
OTHER=				\$
OTHER=				\$
			<b>SUBTOTAL</b>	<b>\$</b>

#### Traffic

Signal, 6 phse+MstrCont.	EA	\$300,000.00		\$
Signal, 8 phse+MstrCont.	EA	\$350,000.00		\$
Signal, Both+Intrconnect	LF	\$25.00		\$
Striping, 4" Sld wht/ylw	LF	\$0.50		\$
Striping, 8" Sld wht/ylw	LF	\$0.65		\$
Striping 12" Sld wht/ylw	LF	\$2.50		\$
Striping, Skip	LF	\$0.35		\$
Striping, Double	LF	\$0.75		\$
			<b>SUBTOTAL</b>	<b>\$</b>

#### Walls

Retaining Walls	SF	\$15.00		\$
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#### Miscellaneous

Barricade, 40'	EA	\$1,600.00		\$
Water Lateral	EA	\$5,000.00		\$

Water Meter Installation	EA	\$2,500.00		\$
Paving Replacement, Trench	LF	\$16.00	300	\$ 4,800
Pressure Reducing Station	EA	\$90,000.00		\$
Shoring for Trenches > 5' Deep	LF	\$17.00		\$
Street Name Signs	EA	\$500.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
			<b>SUBTOTAL</b>	<b>\$ 4,800</b>

#### **Sewer**

Manhole, 5' dia., 12' to 20' deep	EA	\$10,000.00		\$
Manhole, 5' dia. > 20' deep	EA	\$13,000.00		\$
Pipe, 4" VCP	LF	\$70.00		\$
Pipe, 6" VCP	LF	\$106.00		\$
Pipe, 8" VCP	LF	\$142.00		\$
Pipe, 10" VCP	LF	\$178.00		\$
Pipe, 12" VCP	LF	\$215.00		\$
Pipe, 15" VCP	LF	\$270.00		\$
Pipe, 4" DIP	LF	\$70.00		\$
Pipe, 6" DIP	LF	\$106.00		\$
Pipe, 8" DIP	LF	\$142.00		\$
Pipe, 10" DIP	LF	\$178.00		\$
Pipe, 12" DIP	LF	\$215.00		\$
Pipe, 15" DIP	LF	\$270.00		\$
			<b>SUBTOTAL</b>	<b>\$</b>

#### **Miscellaneous Sewer**

Adjust Manhole	EA	\$2,000.00	5	\$ 10,000
Clean Out	EA	\$2,000.00		\$
Saddle	EA	\$2,610.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
			<b>SUBTOTAL</b>	<b>\$ 10,000</b>

#### **Water**

Pipe, 4" DIP	LF	\$43.00		\$
Pipe, 6" DIP	LF	\$57.00		\$
Pipe, 8" DIP	LF	\$75.00		\$
Pipe, 10" DIP	LF	\$93.00		\$
Pipe, 12" DIP	LF	\$105.00		\$
Valve, 4"	EA	\$1,500.00		\$
Valve, 6"	EA	\$1,800.00		\$
Valve, 8"	EA	\$2,800.00		\$
Valve, 10"	EA	\$4,000.00		\$

Valve, 12"	EA	\$5,300.00		\$
Valve, 16"	EA	\$7,500.00		\$
			SUBTOTAL	\$

#### Miscellaneous Water

Air & Vac, 1"	EA	\$2,700.00	1	\$ 2,700
Fire Hydrant, 6"	EA	\$4,900.00	3	\$ 14,700
Fire Service, 6"	EA	\$12,000.00		\$
Fire Service, 8"	EA	\$20,000.00		\$
Fire Service 10"	EA	\$30,000.00		\$
Hot Tap, 8"	EA	\$3,550.00		\$
Hot Tap, 10"	EA	\$3,900.00		\$
Hot Tap, 12"	EA	\$4,750.00		\$
Service, 1"	EA	\$2,500.00		\$
Service, 2"	EA	\$3,400.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
			SUBTOTAL	\$ 17,400
			TOTAL COST	\$ 339,144

#### PREPARED BY:

Mohammad Mohammadabadi, R.C.E.

**Engineer's Name & Signature**

Adams Streeter Civil Engineers

Company (949) 474-2330 ext. 209

mabadi@adams-streeter.com

Tel No/Email

9/20/18

WET STAMP & DATE



# **QUANTITY ESTIMATE FOR PUBLIC IMPROVEMENTS March 2018**

**Project #:** PIM No. 150020

**Location:** Foothill Parkway at Marquez Way

<i>Item</i>	<i>Unit</i>	<i>Unit Cost</i>	<i>Quantity</i>	<i>Cost</i>
<b>Removal</b>				
AC Berm	LF	\$8.00		\$ -
AC Pavement	SF	\$3.00		\$ -
Curb Only	LF	\$10.00		\$ -
Curb & Gutter	LF	\$16.00		\$ -
D/W Approach	SF	\$13.00		\$ -
Sidewalk	SF	\$8.00		\$ -
W/C Ramp	SF	\$8.00		\$ -
OTHER=Removal of Striping	LF	\$6.00	650	\$ 3,900.00
OTHER=Removal of sign and post	EA	\$250.00	9	\$ 2,250.00
OTHER=Removal of signal	EA	\$20,000.00		\$ -
			<b>SUBTOTAL</b>	<b>\$ 6,150.00</b>
<b>Relocation</b>				
Power/Telephone Pole	EA	\$5,000.00		\$ -
Pull Boxes	EA	\$500.00		\$ -
Street Light	EA	\$6,000.00		\$ -
Street Sign	EA	\$400.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>
<b>Asphalt</b>				
AC Berm 6"	LF	\$35.00		\$ -
AC Berm 8"	LF	\$38.00		\$ -
AC Fogseal	SY	\$5.00		\$ -
AC Overlay	SY	\$8.00		\$ -
AC Pavement	SF			\$ -
Asphalt (sf x depth x 0.075)	TON	\$190.00		\$ -
Base (sf x depth / 27)	CY	\$110.00		\$ -
Fogseal	SY	\$5.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>
<b>Concrete</b>				
Alley Approach, 8" PCC	SF	\$28.00		\$ -
Curb Only 6"	LF	\$35.00		\$ -
Curb Only 8"	LF	\$39.00		\$ -
Curb & Gutter 6"	LF	\$42.00		\$ -
Curb & Gutter 8"	LF	\$44.00		\$ -

Cross Gutter & Spandrel	SF	\$29.00		\$ -
D/W Approach, Complete	EA	\$6,000.00		\$ -
D/W Approach, 6"	SF	\$28.00		\$ -
D/W Approach, 8"	SF	\$28.00		\$ -
Pavement, 6"	SF	\$13.00		\$ -
Pavement, 8"	SF	\$15.00		\$ -
Sidewalk, 4"	SF	\$13.00		\$ -
V-Gutter	SF	\$38.00		\$ -
W/C Ramp	EA	\$3,800.00		\$ -
W/C Ramp	SF	\$30.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>

### Storm Drain

Box Culvert (Including Backfill)	CY	\$3,500.00		\$ -
Box Culvert (Unapp. Areas)	CY	\$2,500.00		\$ -
Catch Basin, W<8'	EA	\$7,000.00		\$ -
Catch Basin, W>8'	EA	\$10,500.00		\$ -
Channel, Reinf. Conc. Lined	SF	\$13.00		\$ -
Channel, Open Conc. <24"	LF	\$150.00		\$ -
Channel, Open Conc. 27"-36"	LF	\$250.00		\$ -
Channel, Open Conc. 42"-72"	LF	\$500.00		\$ -
Collar, 45"-60"	EA	\$1,300.00		\$ -
Collar, >60"	EA	\$2,000.00		\$ -
Encasement	LF	\$65.00		\$ -
Energy Dissipater	LS	\$10,000.00		\$ -
Grate Inlet, 12" x 12"	EA	\$500.00		\$ -
Grate Inlet, 24" x 24"	EA	\$1,300.00		\$ -
Grate Inlet, 36" x 36"	EA	\$5,000.00		\$ -
Headwalls, Gravity Type	EA	\$5,000.00		\$ -
Headwalls, Wing Type	EA	\$9,000.00		\$ -
Inlet Apron	EA	\$3,000.00		\$ -
Junction Structure	EA	\$10,000.00		\$ -
Manhole, H<8'	EA	\$6,000.00		\$ -
Manhole, H>8'	EA	\$8,000.00		\$ -
Pipe, 18" RCP	LF	\$159.00		\$ -
Pipe, 24" RCP	LF	\$201.00		\$ -
Pipe, 30" RCP	LF	\$241.00		\$ -
Pipe, 36" RCP	LF	\$280.00		\$ -
Pipe, 42" RCP	LF	\$318.00		\$ -
Pipe, 48" RCP	LF	\$355.00		\$ -
Pipe, 54" RCP	LF	\$391.00		\$ -
Pipe, 60" RCP	LF	\$426.00		\$ -
Pipe, 66" RCP	LF	\$461.00		\$ -
Pipe, 72" RCP	LF	\$495.00		\$ -
Pipe, 78" RCP	LF	\$528.00		\$ -

Pipe, 84" RCP	LF	\$561.00		\$	-
Rip-Rap, Grouted	Ton	\$125.00		\$	-
Transition Structure	EA	\$5,000.00		\$	-
Underwalk Drain, W<6'	EA	\$3,000.00		\$	-
Underwalk Drain, W>6'	EA	\$4,000.00		\$	-
OTHER=				\$	-
OTHER=				\$	-
OTHER=				\$	-
SUBTOTAL				\$	-

### Street Lights

Pull Box No. 3 1/2	EA	\$500.00		\$	-
Pull Box No. 5	EA	\$700.00		\$	-
Service Point	EA	\$7,000.00		\$	-
St. Light, 501 - 1 only	EA	\$5,000.00		\$	-
St. Light, 501 - 2 to 5	EA	\$4,900.00		\$	-
St. Light, 501 - 5+	EA	\$4,800.00		\$	-
St. Light, 502 - 1 only	EA	\$5,500.00		\$	-
St. Light, 502 - 2 to 5	EA	\$5,400.00		\$	-
St. Light, 502 - 5+	EA	\$5,300.00		\$	-
St. Lt. Conduit, 1" Sch 80				\$	-
<500 LF	LF	\$12.00		\$	-
>500 LF	LF	\$10.00		\$	-
St. Lt. Conduit, 1 1/2				\$	-
<500 LF	LF	\$16.00		\$	-
>500 LF	LF	\$14.00		\$	-
OTHER=				\$	-
OTHER=				\$	-
SUBTOTAL				\$	-

### Traffic

Signal, 6 phse+MstrCont.	EA	\$300,000.00	1	\$	300,000.00
Signal, 8 phse+MstrCont.	EA	\$350,000.00		\$	-
Signal, Both+Intrconnect	LF	\$25.00	1900	\$	47,500.00
Striping, 4" Sld wht/ylw	LF	\$0.50	700	\$	350.00
Striping, 8" Sld wht/ylw	LF	\$0.65	550	\$	357.50
Striping 12" Sld wht/ylw	LF	\$2.50	165	\$	412.50
Striping, Skip	LF	\$0.35	413	\$	144.55
Striping, Double	LF	\$0.75	540	\$	405.00
SUBTOTAL				\$	349,169.55

### Walls

Retaining Walls	SF	\$15.00		\$	-
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### Miscellaneous

Barricade, 40'	EA	\$1,600.00		\$	-
Water Lateral	EA	\$5,000.00		\$	-
Water Meter Installation	EA	\$2,500.00		\$	-

Paving Replacement, Trench	LF	\$16.00		\$	-
Pressure Reducing Station	EA	\$90,000.00		\$	-
Shoring for Trenches > 5' Deep	LF	\$17.00		\$	-
Street Name Signs	EA	\$500.00	11	\$	5,500.00
OTHER=Pavement Markings	SF	\$7.50	530	\$	3,975.00
OTHER=				\$	-
OTHER=				\$	-
OTHER=				\$	-
OTHER=				\$	-
			<b>SUBTOTAL</b>	<b>\$</b>	<b>9,475.00</b>

#### **Sewer**

Manhole, 5' dia., 12' to 20' deep	EA	\$10,000.00		\$	-
Manhole, 5' dia. > 20' deep	EA	\$13,000.00		\$	-
Pipe, 4" VCP	LF	\$70.00		\$	-
Pipe, 6" VCP	LF	\$106.00		\$	-
Pipe, 8" VCP	LF	\$142.00		\$	-
Pipe, 10" VCP	LF	\$178.00		\$	-
Pipe, 12" VCP	LF	\$215.00		\$	-
Pipe, 15" VCP	LF	\$270.00		\$	-
Pipe, 4" DIP	LF	\$70.00		\$	-
Pipe, 6" DIP	LF	\$106.00		\$	-
Pipe, 8" DIP	LF	\$142.00		\$	-
Pipe, 10" DIP	LF	\$178.00		\$	-
Pipe, 12" DIP	LF	\$215.00		\$	-
Pipe, 15" DIP	LF	\$270.00		\$	-
			<b>SUBTOTAL</b>	<b>\$</b>	<b>-</b>

#### **Miscellaneous Sewer**

Adjust Manhole	EA	\$2,000.00		\$	-
Clean Out	EA	\$2,000.00		\$	-
Saddle	EA	\$2,610.00		\$	-
OTHER=				\$	-
OTHER=				\$	-
OTHER=				\$	-
			<b>SUBTOTAL</b>	<b>\$</b>	<b>-</b>

#### **Water**

Pipe, 4" DIP	LF	\$43.00		\$	-
Pipe, 6" DIP	LF	\$57.00		\$	-
Pipe, 8" DIP	LF	\$75.00		\$	-
Pipe, 10" DIP	LF	\$93.00		\$	-
Pipe, 12" DIP	LF	\$105.00		\$	-
Valve, 4"	EA	\$1,500.00		\$	-
Valve, 6"	EA	\$1,800.00		\$	-
Valve, 8"	EA	\$2,800.00		\$	-
Valve, 10"	EA	\$4,000.00		\$	-
Valve, 12"	EA	\$5,300.00		\$	-

Valve, 16"	EA	\$7,500.00		\$ -
			<b>SUBTOTAL</b>	\$ -
<b>Miscellaneous Water</b>				
Air & Vac, 1"	EA	\$2,700.00		\$ -
Fire Hydrant, 6"	EA	\$4,900.00		\$ -
Fire Service, 6"	EA	\$12,000.00		\$ -
Fire Service, 8"	EA	\$20,000.00		\$ -
Fire Service 10"	EA	\$30,000.00		\$ -
Hot Tap, 8"	EA	\$3,550.00		\$ -
Hot Tap, 10"	EA	\$3,900.00		\$ -
Hot Tap, 12"	EA	\$4,750.00		\$ -
Service, 1"	EA	\$2,500.00		\$ -
Service, 2"	EA	\$3,400.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
			<b>SUBTOTAL</b>	\$ -
			<b>TOTAL COST</b>	\$ 364,794.55

**PREPARED BY:**

*Kim Preap*  
 \_\_\_\_\_  
 Engineer's Name & Signature

WET STAMP & DATE

LLG ENGINEERS

Company

949-825-6175

Tel No/Email

*PREAP @ LLG ENGINEERS . com*





# QUANTITY ESTIMATE FOR PUBLIC IMPROVEMENTS April 2018

Project #: 150020

Location: Foothill Parkway Median

Item	Unit	Unit Cost	Quantity	Cost
<b>Removal</b>				
AC Berm	LF	\$8.00		\$ -
AC Pavement	SF	\$3.00		\$ -
Curb Only	LF	\$10.00		\$ -
Curb & Gutter	LF	\$16.00		\$ -
D/W Approach	SF	\$13.00		\$ -
Sidewalk	SF	\$8.00		\$ -
W/C Ramp	SF	\$8.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
SUBTOTAL				\$ -
<b>Relocation</b>				
Power/Telephone Pole	EA	\$5,000.00		\$ -
Pull Boxes	EA	\$500.00		\$ -
Street Light	EA	\$6,000.00		\$ -
Street Sign	EA	\$400.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
SUBTOTAL				\$ -
<b>Asphalt</b>				
AC Berm 6"	LF	\$35.00		\$ -
AC Berm 8"	LF	\$38.00		\$ -
AC Fogseal	SY	\$5.00		\$ -
AC Overlay	SY	\$8.00		\$ -
AC Pavement	SF			\$ -
Asphalt (sf x depth x 0.075)	TON	\$190.00		\$ -
Base (sf x depth / 27)	CY	\$110.00		\$ -
Fogseal	SY	\$5.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
SUBTOTAL				\$ -
<b>Concrete</b>				
Alley Approach, 8" PCC	SF	\$28.00		\$ -
Curb Only 6"	LF	\$35.00		\$ -
Curb Only 8"	LF	\$39.00		\$ -
Curb & Gutter 6"	LF	\$42.00		\$ -
Curb & Gutter 8"	LF	\$44.00		\$ -
Cross Gutter & Spandrel	SF	\$29.00		\$ -
D/W Approach, Complete	EA	\$6,000.00		\$ -
D/W Approach, 6"	SF	\$28.00		\$ -
D/W Approach, 8"	SF	\$28.00		\$ -
Pavement, 6"	SF	\$13.00		\$ -
Pavement, 8"	SF	\$15.00		\$ -

Sidewalk, 4"	SF	\$13.00		\$ -
V-Gutter	SF	\$38.00		\$ -
W/C Ramp	EA	\$3,800.00		\$ -
W/C Ramp	SF	\$30.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
SUBTOTAL				\$ -

#### Storm Drain

Box Culvert (Including Backfill)	CY	\$3,500.00		\$ -
Box Culvert (Unapp. Areas)	CY	\$2,500.00		\$ -
Catch Basin, W<8'	EA	\$7,000.00		\$ -
Catch Basin, W>8'	EA	\$10,500.00		\$ -
Channel, Reinf. Conc. Lined	SF	\$13.00		\$ -
Channel, Open Conc. <24"	LF	\$150.00		\$ -
Channel, Open Conc. 27"-36"	LF	\$250.00		\$ -
Channel, Open Conc. 42"-72"	LF	\$500.00		\$ -
Collar, 45"-60"	EA	\$1,300.00		\$ -
Collar, >60"	EA	\$2,000.00		\$ -
Encasement	LF	\$65.00		\$ -
Energy Dissipater	LS	\$10,000.00		\$ -
Grate Inlet, 12" x 12"	EA	\$500.00		\$ -
Grate Inlet, 24" x 24"	EA	\$1,300.00		\$ -
Grate Inlet, 36" x 36"	EA	\$5,000.00		\$ -
Headwalls, Gravity Type	EA	\$5,000.00		\$ -
Headwalls, Wing Type	EA	\$9,000.00		\$ -
Inlet Apron	EA	\$3,000.00		\$ -
Junction Structure	EA	\$10,000.00		\$ -
Manhole, H<8'	EA	\$6,000.00		\$ -
Manhole, H>8'	EA	\$8,000.00		\$ -
Pipe, 18" RCP	LF	\$159.00		\$ -
Pipe, 24" RCP	LF	\$201.00		\$ -
Pipe, 30" RCP	LF	\$241.00		\$ -
Pipe, 36" RCP	LF	\$280.00		\$ -
Pipe, 42" RCP	LF	\$318.00		\$ -
Pipe, 48" RCP	LF	\$355.00		\$ -
Pipe, 54" RCP	LF	\$391.00		\$ -
Pipe, 60" RCP	LF	\$426.00		\$ -
Pipe, 66" RCP	LF	\$461.00		\$ -
Pipe, 72" RCP	LF	\$495.00		\$ -
Pipe, 78" RCP	LF	\$528.00		\$ -
Pipe, 84" RCP	LF	\$561.00		\$ -
Rip-Rap, Grouted	Ton	\$125.00		\$ -
Transition Structure	EA	\$5,000.00		\$ -
Underwalk Drain, W<6'	EA	\$3,000.00		\$ -
Underwalk Drain, W>6'	EA	\$4,000.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
SUBTOTAL				\$ -

#### Street Lights

Pull Box No. 3 1/2	EA	\$500.00		\$ -
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Pull Box No. 5	EA	\$700.00		\$ -
Service Point	EA	\$7,000.00		\$ -
St. Light, 501 - 1 only	EA	\$5,000.00		\$ -
St. Light, 501 - 2 to 5	EA	\$4,900.00		\$ -
St. Light, 501 - 5+	EA	\$4,800.00		\$ -
St. Light, 502 - 1 only	EA	\$5,500.00		\$ -
St. Light, 502 - 2 to 5	EA	\$5,400.00		\$ -
St. Light, 502 - 5+	EA	\$5,300.00		\$ -
St. Lt. Conduit, 1" Sch 80				\$ -
<500 LF	LF	\$12.00		\$ -
>500 LF	LF	\$10.00		\$ -
St. Lt. Conduit, 1 1/2				\$ -
<500 LF	LF	\$16.00		\$ -
>500 LF	LF	\$14.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>

#### **Traffic**

Signal, 6 phse+MstrCont.	EA	\$300,000.00		\$ -
Signal, 8 phse+MstrCont.	EA	\$350,000.00		\$ -
Signal, Both+Intrconnect	LF	\$25.00		\$ -
Striping, 4" Sld wht/yiw	LF	\$0.50		\$ -
Striping, 8" Sld wht/yiw	LF	\$0.65		\$ -
Striping 12" Sld wht/yiw	LF	\$2.50		\$ -
Striping, Skip	LF	\$0.35		\$ -
Striping, Double	LF	\$0.75		\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>

#### **Walls**

Retaining Walls	SF	\$15.00		\$ -
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#### **Miscellaneous**

Barricade, 40'	EA	\$1,600.00		\$ -
Water Lateral	EA	\$5,000.00		\$ -
Water Meter Installation	EA	\$2,500.00		\$ -
Paving Replacement, Trench	LF	\$16.00		\$ -
Pressure Reducing Station	EA	\$90,000.00		\$ -
Shoring for Trenches > 5' Deep	LF	\$17.00		\$ -
Street Name Signs	EA	\$500.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>

#### **Sewer**

Manhole, 5' dia., 12' to 20' deep	EA	\$10,000.00		\$ -
Manhole, 5' dia. > 20' deep	EA	\$13,000.00		\$ -
Pipe, 4" VCP	LF	\$70.00		\$ -
Pipe, 6" VCP	LF	\$106.00		\$ -
Pipe, 8" VCP	LF	\$142.00		\$ -
Pipe, 10" VCP	LF	\$178.00		\$ -

Pipe, 12" VCP	LF	\$215.00		\$ -
Pipe, 15" VCP	LF	\$270.00		\$ -
Pipe, 4" DIP	LF	\$70.00		\$ -
Pipe, 6" DIP	LF	\$106.00		\$ -
Pipe, 8" DIP	LF	\$142.00		\$ -
Pipe, 10" DIP	LF	\$178.00		\$ -
Pipe, 12" DIP	LF	\$215.00		\$ -
Pipe, 15" DIP	LF	\$270.00		\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>

#### Miscellaneous Sewer

Adjust Manhole	EA	\$2,000.00		\$ -
Clean Out	EA	\$2,000.00		\$ -
Saddle	EA	\$2,610.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>

#### Water

Pipe, 4" DIP	LF	\$43.00		\$ -
Pipe, 6" DIP	LF	\$57.00		\$ -
Pipe, 8" DIP	LF	\$75.00		\$ -
Pipe, 10" DIP	LF	\$93.00		\$ -
Pipe, 12"DIP	LF	\$105.00		\$ -
Valve, 4"	EA	\$1,500.00		\$ -
Valve, 6"	EA	\$1,800.00		\$ -
Valve, 8"	EA	\$2,800.00		\$ -
Valve, 10"	EA	\$4,000.00		\$ -
Valve, 12"	EA	\$5,300.00		\$ -
Valve, 16"	EA	\$7,500.00		\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>

#### Miscellaneous Water

Air & Vac, 1"	EA	\$2,700.00		\$ -
Fire Hydrant, 6"	EA	\$4,900.00		\$ -
Fire Service, 6"	EA	\$12,000.00		\$ -
Fire Service, 8"	EA	\$20,000.00		\$ -
Fire Service 10"	EA	\$30,000.00		\$ -
Hot Tap, 8"	EA	\$3,550.00		\$ -
Hot Tap, 10"	EA	\$3,900.00		\$ -
Hot Tap, 12"	EA	\$4,750.00		\$ -
Service, 1"	EA	\$2,500.00		\$ -
Service, 2"	EA	\$3,400.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>

#### Landscape and Irrigation

##### Shrubs:

1 gallon	EA.	\$12.00	747	\$ 8,964.00
5 gallon	EA.	\$35.00	19	\$ 665.00
15 gallon	EA.	\$85.00	19	\$ 1,615.00

Trees:				
18' BTH PALM TREE	EA.	\$720.00	3	\$ 2,160.00
24" box	EA.	\$720.00	4	\$ 2,880.00
Soil Prep	SF	\$0.75	2,178	\$ 1,633.50
Top Dressing	SF	\$0.55	2,178	\$ 1,197.90
90 Day Maintenance	SF	\$1.40	2,178	\$ 3,049.20
Irrigation:				
Rain Bird RWS-B-C-SOCK	EA	\$146.25	7	\$ 1,023.75
Rain Bird XCB-100-PRB-R 1"	EA	\$576.00	2	\$ 1,152.00
Flush Valve	EA	\$33.75	2	\$ 67.50
Rain Bird ARV050 1/2"	EA	\$36.00	2	\$ 72.00
Rain Bird XFD-06-12 (18)	LF	\$1.13	2178	\$ 2,450.25
Rain Bird PESBR-PRS-D 1"	EA	\$416.25	2	\$ 832.50
Rain Bird 33-DNP 3/4"	EA	\$191.25	2	\$ 382.50
Ball Valve	EA	\$56.25	2	\$ 112.50
Griswold 2250HE Master Valve 1"	EA	\$742.50	1	\$ 742.50
Calsense ET 2000e-LR-RRe Series Controller	EA	\$7,623.00	1	\$ 7,623.00
Flow Sensor	EA	\$1,338.75	1	\$ 1,338.75
Irrigation Lateral Line: PVC Schedule 40 3/4"	LF	\$1.69	255	\$ 430.31
Irrigation Lateral Line: PVC Schedule 40 1"	LF	\$2.34	31	\$ 72.54
Irrigation Mainline: PVC Schedule 40 3/4"	LF	\$1.69	102	\$ 172.13
Irrigation Mainline: PVC Schedule 40 1"	LF	\$2.34	52	\$ 121.68
Pipe Sleeve: PVC Schedule 80	LF	\$5.29	108	\$ 571.05
SUBTOTAL				\$ 39,329.56
TOTAL COST				\$ 39,329.56

**PREPARED BY:**

Scott Wilson

**Engineer's Name & Signature**

Wilson Associates

Company

(951)353-2436 scott@wilsonassoc.com

Tel No/Email

**WET STAMP & DATE**



**AGREEMENT FOR PUBLIC IMPROVEMENTS  
PARCEL MAP 36311  
Non-Master Plan Improvements for Bedford Canyon Road**

This Agreement is made and entered into as of this **18<sup>th</sup> day of July, 2018**, by and between the City of Corona, a municipal corporation (hereinafter referred to as "City"), **FOOTHILL PARKWAY SHOPPING PLAZA, LLC, a California limited liability company**, with its principal offices located at, **2843 Calle Heraldo, San Clemente, CA 92673**, (hereinafter referred to as "Developer").

**WITNESSETH:**

**FIRST:** Developer, for and in consideration of the approval by the City of the final map of that certain land division, or that certain other land development project, known as **Foothill Center Parcel Map 36311** and more particularly described in Exhibit "A" attached agrees, at Developer's own expense, to furnish all labor, equipment and material necessary, and within **FORTY-EIGHT (48)** months from the date of this Agreement, to perform and complete in a good and workmanlike manner, all of the required improvements in accordance with those improvement plans for said project which have been approved by the Public Works Director, and are on file in the office of the City Clerk, and to do all work incidental thereto in accordance with the standards set forth in City ordinances and regulations, and pay all costs of engineering necessary in connection therewith, which are expressly made a part of this Agreement. All of the above-required work shall be done under the inspection of and to the satisfaction of the Public Works Director, and shall not be deemed complete until approved and accepted as complete by the City. The Developer shall ensure that all employees or contractors completing the work and improvements in connection with this agreement have all licenses, permits, qualifications, acceptable insurance as required by the City and approvals from the City necessary to perform their respective work and that such requirements are maintained throughout the term of this agreement or any extensions thereto. Developer further agrees to guarantee the improvements for a period of one year following acceptance by the City and agrees during this one year period to repair and replace, to the satisfaction of the Public Works Director, any defective work or labor done or defective materials furnished. Developer shall complete the improvements in accordance with Section 66462, Government Code. Developer shall also complete any offsite improvements required as a condition of approval for the project and with plans approved by the Public Works Director at such time as the City acquires an interest in the land which will permit such improvements to be made, and the Developer waives the 120 day time limitation set forth in Section 66462.5, Government Code. The estimated cost of said work and improvements is the amount of **Eight Hundred Thirty-Three Thousand, Six Hundred Dollars and No Cents (\$833,600.00)**. The work and improvements covered by this agreement may also include items in addition to those listed in Exhibit "B" if additional work or improvements are deemed necessary to protect public health or safety.

**SECOND:** Developer agrees to pay to the City the actual cost of such inspection of the work and improvements as may be required by the Public Works Director. Developer further agrees that, if suit is brought upon this Agreement or any bonds guaranteeing the completion of the improvements, all costs, expenses and fees, including attorney's fees, incurred by the City in enforcing such obligations shall be paid by Developer and guaranteed by the surety in addition to the face amount of the security, and that, upon entry of judgment, such costs, expenses and fees shall be included in any judgment rendered.

**THIRD:** City shall not, nor shall any officer or employee of City, except for its or their sole negligence, be liable or responsible for any accident, loss or damage happening or occurring to the improvements prior to the completion and approval thereof, nor shall City or any officer or employee thereof, be liable for any persons or property injured by reason of the nature of the work, or by reason of the acts or omissions of Developer, its agents or employees, in the construction of the improvements, and all of said liabilities are assumed by Developer. Developer agrees to defend, indemnify and hold harmless City and its officers and employees thereof from all loss, including attorney's fees, liability or claim because of, or arising out of the acts or omissions of Developer, its agents and employees, in the performance of this Agreement, or arising out of the use of any patent or patented article in the performance of this Agreement

**FOURTH:** Developer hereby grants to the City and any authorized agent or employee of the City, the irrevocable permission to enter upon the project for the purpose of completing the improvements. This permission shall terminate in the event that the Developer has completed construction of the improvements

within the time specified or any extension thereof granted by the City.

**FIFTH:** Developer agrees at all times, up to the completion and acceptance of the improvements by the City, to give good and adequate warning to the traveling public of each and every dangerous condition caused by the construction of the improvements, and to protect the traveling public from such dangerous conditions. Developer shall keep all traveled ways that are a part of, or affected by the construction of this project free and clear of mud, dirt and debris and shall provide a minimum of twice monthly street sweeping service. A copy of the contract for street sweeping service shall be provided to the City. Developer's obligation for street sweeping shall continue until such time as the City accepts the improvements as being complete. The bonds securing performance of this Agreement shall secure developer's obligation under this provision.

**SIXTH:** Developer, its agents and employees, shall give notice to the Public Works Director at least 48 hours before beginning any work and shall furnish the Public Works Director all reasonable facilities and access for obtaining full information with respect to the progress and manner of work.

**SEVENTH:** If Developer, its agents or employees, neglects, refuses, or fails to construct the work with such diligence as to insure its completion within the specified time, or within such extensions of time that have been granted by the City, or if Developer fails to perform satisfactorily any of the provisions of the plans it shall be in default of this Agreement and written notice of such default shall be served upon Developer. The City Council shall have the power, on recommendation by the Public Works Director, to terminate all rights of the Developer because of such default. The determination by the Public Works Director whether any of the terms of the Agreement or plans have been violated, or have not been performed satisfactorily, shall be conclusive upon the Developer, and all parties who may have any interest in this Agreement or any portion thereof. The provisions of this section shall be in addition to all other rights and remedies available to the City at law or in equity.

**EIGHTH:** Developer agrees to file with City, prior to the date this Agreement is executed, (a) good and sufficient improvement security in an amount not less than the estimated cost of the work and improvements for the faithful performance of the terms and conditions of this Agreement, and (b) good and sufficient security for payment of labor and materials in the amount prescribed by City ordinances and regulations to secure the claims to which reference is made in Title 15 (commencing with Section 3082) of Part 4 of Division 3 of the California Civil Code. Developer agrees to renew each and every such bond(s) with good and sufficient sureties or increase the amounts of said bond(s), or both, within ten (10) days after being notified by the Public Works Director that the sureties or amounts are insufficient. Notwithstanding any other provision herein, if Developer fails to take such action as is necessary to comply with said notice, he shall be in default of this Agreement unless all required improvements are completed within ninety (90) days following the date on which the Public Works Director notified Developer of the insufficiency of the security or the amount of the bond(s) or both.

**NINTH:** Developer and the City and any surety or sureties on the bond(s) securing this Agreement agree that, in the event it is deemed necessary to extend the time for completion of the improvements and work to be done under this Agreement, extensions of time may be granted by the City, either at its own option, or upon request of Developer, and such extensions shall not affect the validity of this Agreement or release the surety or sureties on said bond(s). Developer agrees to maintain the aforesaid bond(s) in full force and effect during the terms of this Agreement, including any extensions of time as may be granted.

**TENTH:** If any provision of this Agreement is held by the courts to be unlawful and void, the validity of the remaining portions shall not be affected and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular provision held to be invalid. This agreement and the obligations described herein are binding upon the project and successor owners thereof; provided, however, that Developer will remain obligated hereunder until such time as new agreements covering the matters described herein have been executed by the City and the new owner of the project.

**ELEVENTH:** Any notice or notices required or permitted to be given pursuant to this Agreement shall be given to the other party by mail, postage prepaid, at the following addresses:

**City:**

The City of Corona  
Public Works Department  
400 S. Vicentia Avenue  
Corona, CA 92882

**Developer:**

FOOTHILL PARKWAY  
SHOPPING PLAZA, LLC  
2843 Calle Heraldo  
San Clemente, CA 92673

**IN WITNESS WHEREOF** Developer has affixed his name, address and seal.

**FOOTHILL PARKWAY SHOPPING PLAZA, LLC,  
a California limited liability company**

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

Name

Title

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

Name

Title

**ATTEST:**

**CITY CLERK  
OF THE CITY OF CORONA**

**CITY OF CORONA**

By: \_\_\_\_\_  
(City Clerk)

By: \_\_\_\_\_  
(Mayor)

**(SEAL)**

**NOTE: TWO SIGNATURES ARE REQUIRED FOR CORPORATIONS UNLESS CORPORATE  
DOCUMENTS ARE PROVIDED THAT INDICATE OTHERWISE.**

SIGNATURES OF DEVELOPER MUST BE EXECUTED AND ACKNOWLEDGED BEFORE A NOTARY  
ORIGINAL - CITY CLERK; COPIES - DEVELOPER AND PUBLIC WORKS PROJECT FILE



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

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

State of California )  
 County of Riverside  
 On June 29, 2018 before me, Karen Arveduto - Notary Public  
 Date Here Insert Name and Title of the Officer  
 personally appeared Fereidoon & Hooshyar Max Saedi  
 Name(s) of Signer(s)

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

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

WITNESS my hand and official seal.



Signature Karen Arveduto  
 Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

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

**Description of Attached Document**

Title or Type of Document: Pub. Imp. Agmt. Bedford Canyon Document Date: 06/29/18  
 Number of Pages: \_\_\_\_\_ Signer(s) Other Than Named Above: \_\_\_\_\_

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

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

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

EXHIBIT "A"  
LEGAL DESCRIPTION OF THE PROJECT  
SEE ATTACHED

**Exhibit "A"**

**Legal Description**

A.P.N.: 277-210-001-2 and See Add'l 4 APN's and 277-210-002 and 277-220-005 and 277-220-006 and 277-220-007

Real property in the City of Corona, County of Riverside, State of California, described as follows:

**PARCEL 1: (APN: 277-210-002-3 AND 277-220-005-7)**

THAT PORTION OF THAT CERTAIN PARCEL OF LAND WHICH WAS CONVEYED TO THE STATE OF CALIFORNIA BY DEED RECORDED APRIL 12, 1965 AS INSTRUMENT NO. 41634 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, AND THAT PORTION OF THAT CERTAIN PARCEL OF LAND ACQUIRED BY THE STATE OF CALIFORNIA BY FINAL ORDER OF CONDEMNATION RENDERED IN CASE NO. 83784, SUPERIOR COURT OF THE STATE OF CALIFORNIA, IN AND FOR THE COUNTY OF RIVERSIDE, A CERTIFIED COPY OF WHICH ORDER WAS RECORDED JANUARY 20, 1965 IN BOOK 3906 PAGE 8 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, SAID PARCELS CONSISTING OF PORTIONS OF GOVERNMENT LOTS 14 AND 11, RESPECTIVELY, IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN, AND WHICH PORTIONS ARE LYING WESTERLY OF THE FOLLOWING DESCRIBED LINE;

BEGINNING AT A POINT IN THE CENTER LINE OF EL CERRITO ROAD, 55 FEET WIDE, AS SHOWN ON MAP OF EL CERRITO HILLS NO. 2, IN BOOK 22 PAGES 33, 34 AND 35 OF MAPS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, DISTANT ALONG SAID CENTER LINE SOUTH 60° 07' 03" WEST, 161.89 FEET FROM THE INTERSECTION THEREOF WITH THE CENTER LINE OF DIANE STREET, 50 FEET WIDE, SHOWN ON SAID MAP AS AN UN-NAMED STREET BORDERING LOT 27 OF SAID EL CERRITO HILLS NO. 2 ON THE WEST;

THENCE NORTH 29° 52' 57" WEST, 50.00 FEET;  
THENCE NORTH 45° 08' 39" EAST, 113.43 FEET;  
THENCE NORTH 18° 39' 05" WEST, 474.02 FEET;  
THENCE NORTH 21° 12' 28" WEST, 462.16 FEET;  
THENCE NORTH 20° 28' 53" WEST, 401.53 FEET;  
THENCE NORTH 25° 28' 54" WEST, 200 FEET;

EXCEPTING THEREFROM ALL MINERALS, OIL, GASES AND OTHER HYDROCARBONS BY WHATSOEVER NAME KNOWN THAT MAY BE WITHIN OR UNDER THE PARCEL OF LAND HEREINABOVE DESCRIBED, WITHOUT, HOWEVER, THE RIGHT TO DRILL, DIG OR MINE THROUGH THE SURFACE THEREOF AS RESERVED BY THE STATE OF CALIFORNIA IN DEED RECORDED OCTOBER 7, 1965 AS INSTRUMENT NO. 115242 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

ALSO EXCEPTING THEREFROM THAT PORTION THEREOF MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE MOST NORTHERLY CORNER OF THAT CERTAIN PARCEL OF LAND GRANTED TO FRANCIS A. STEARNS BY DEED RECORDED OCTOBER 7, 1965 AS INSTRUMENT NO. 115242 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA;

THENCE SOUTHERLY ALONG THE WESTERLY LINE OF SAID PARCEL 405.75 FEET TO THE TRUE POINT OF BEGINNING;

THENCE CONTINUING SOUTHERLY ALONG THE WESTERLY LINE OF SAID PARCEL 120 FEET;

THENCE EASTERLY AT RIGHT ANGLES, TO SAID WESTERLY LINE 100 FEET;

THENCE NORTHERLY AND PARALLEL TO SAID WESTERLY LINE 120 FEET;

THENCE WESTERLY 100 FEET TO THE TRUE POINT OF BEGINNING.

THE WESTERLY LINE OF GOVERNMENT LOTS 11 AND 14 REFERRED TO HEREIN ARE THOSE SHOWN BY THE UNITED STATES GOVERNMENT SURVEY APPROVED NOVEMBER 2, 1874; REFERENCE IS HEREBY MADE TO RIVERSIDE COUNTY, SUPERIOR COURT CASE NO. 88752 AND JUDGMENT ENTERED ON DECEMBER 31, 1969 IN RELATION TO THE LOCATION OF THE WEST LINES OF GOVERNMENT LOTS 11 AND 14.

**PARCEL 1A:**

AN EXCLUSIVE EASEMENT FOR PRIVATE ROAD FOR SECONDARY ACCESS FOR THE USE OF THE COMMERCIAL IMPROVEMENTS AS DESCRIBED IN GRANT OF EASEMENTS RECORDED AUGUST 18, 2014 AS INSTRUMENT NO. 2014-0311968 OF OFFICIAL RECORDS AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THAT PORTION OF GOVERNMENT LOT 13 IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN IN A RECORD OF SURVEY, ON FILE IN BOOK 124, PAGES 39 AND 40, OF RECORD OF SURVEYS, OF SAID COUNTY, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF PARCEL 2 OF A GRANT DEED, RECORDED APRIL 1, 1955, AS DOCUMENT NO. 21267, BOOK 1717, PAGE 55, OF DEEDS, RECORDS OF SAID COUNTY, AND AS SHOWN ON SAID RECORD OF SURVEY;

THENCE SOUTHERLY, ALONG THE EAST LINE OF SAID LOT 13, SOUTH 01° 00' 04" WEST, A DISTANCE OF 557.54 FEET TO A POINT LYING ON THE NORTHERLY RIGHT OF WAY OF FOOTHILL PARKWAY, BEING PARCEL "A" OF INSTRUMENT NO. 2000-344682, RECORDED SEPTEMBER 01, 2000, OF OFFICIAL RECORDS OF SAID COUNTY;

THENCE WESTERLY ALONG SAID NORTHERLY RIGHT OF WAY, SOUTH 67° 26' 50" WEST, A DISTANCE OF 30.54 FEET TO A POINT LYING ON A LINE THAT IS PARALLEL WITH AND DISTANCE 28.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 489.83 FEET;

THENCE EASTERLY, LEAVING SAID PARALLEL LINE, SOUTH 88° 50' 39" EAST, A DISTANCE OF 22.00 FEET TO A POINT ON A LINE THAT IS PARALLEL WITH AND DISTANT 6.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 80.05 FEET TO A POINT LYING ON THE NORTHERLY LINE OF SAID PARCEL 2;

THENCE EASTERLY ALONG SAID NORTHERLY LINE OF PARCEL 2, SOUTH 88° 23' 41" EAST, A DISTANCE OF 6.00 FEET TO THE POINT OF BEGINNING.

**PARCEL 2: (APN: 277-210-001-2)**

**THAT PORTION OF GOVERNMENT LOT 11, IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN MORE PARTICULARLY DESCRIBED AS FOLLOWS:**

**COMMENCING AT THE MOST NORTHERLY CORNER OF THAT CERTAIN PARCEL OF LAND GRANTED TO FRANCIS A. STEARNS BY DEED RECORDED OCTOBER 7, 1965 AS INSTRUMENT NO. 115242 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA;**

**THENCE SOUTHERLY ALONG THE WESTERLY LINE OF SAID PARCEL 405.75 FEET TO THE TRUE POINT OF BEGINNING;**

**THENCE CONTINUING SOUTHERLY ALONG THE WESTERLY LINE OF SAID PARCEL 120 FEET;**

**THENCE EASTERLY AT RIGHT ANGLES TO SAID WESTERLY LINE 100 FEET;**

**THENCE NORTHERLY AND PARALLEL TO SAID WESTERLY FINE 120 FEET;**

**THENCE WESTERLY 100 FEET TO THE TRUE POINT OF BEGINNING.**

**THE WESTERLY LINE OF GOVERNMENT LOTS 11 AND 14 REFERRED TO HEREIN ARE THOSE AS SHOWN BY THE UNITED STATES GOVERNMENT SURVEY APPROVED NOVEMBER 2, 1874; REFERENCE IS HEREBY MADE TO RIVERSIDE COUNTY SUPERIOR COURT CASE NO. 88752 AND JUDGMENT ENTERED ON DECEMBER 31, 1969 IN RELATION TO THE LOCATION OF THE WEST LINES OF GOVERNMENT LOTS 11 AND 14.**

**EXCEPTING THEREFROM ALL MINERALS, OIL, GASES AND OTHER HYDROCARBONS BY WHATSOEVER NAME KNOWN THAT MAY BE WITHIN OR UNDER THE PARCEL OF LAND HEREINABOVE DESCRIBED, WITHOUT, HOWEVER, THE RIGHT TO DRILL, DIG OR MINE THROUGH THE SURFACE THEREOF AS RESERVED BY THE STATE OF CALIFORNIA IN DEED RECORDED OCTOBER 7, 1965 AS INSTRUMENT NO. 115242 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.**

**PARCEL 2A:**

**AN EXCLUSIVE EASEMENT FOR PRIVATE ROAD FOR SECONDARY ACCESS FOR THE USE OF THE COMMERCIAL IMPROVEMENTS AS DESCRIBED IN GRANT OF EASEMENTS RECORDED AUGUST 18, 2014 AS INSTRUMENT NO. 2014-0311968 OF OFFICIAL RECORDS AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:**

**THAT PORTION OF GOVERNMENT LOT 13 IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN IN A RECORD OF SURVEY, ON FILE IN BOOK 124, PAGES 39 AND 40, OF RECORD OF SURVEYS, OF SAID COUNTY, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:**

**BEGINNING AT THE NORTHEAST CORNER OF PARCEL 2 OF A GRANT DEED, RECORDED APRIL 1, 1955, AS DOCUMENT NO. 21267, BOOK 1717, PAGE 55, OF DEEDS, RECORDS OF SAID COUNTY, AND AS SHOWN ON SAID RECORD OF SURVEY;**

**THENCE SOUTHERLY, ALONG THE EAST LINE OF SAID LOT 13, SOUTH 01° 00' 04" WEST, A DISTANCE OF 557.54 FEET TO A POINT LYING ON THE NORTHERLY RIGHT OF WAY OF FOOTHILL PARKWAY, BEING PARCEL "A" OF INSTRUMENT NO. 2000-344682, RECORDED SEPTEMBER 01, 2000, OF OFFICIAL RECORDS OF SAID COUNTY;**

Date: **June 08, 2017**

THENCE WESTERLY ALONG SAID NORTHERLY RIGHT OF WAY, SOUTH 67° 26' 50" WEST, A DISTANCE OF 30.54 FEET TO A POINT LYING ON A LINE THAT IS PARALLEL WITH AND DISTANCE 28.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 489.83 FEET;

THENCE EASTERLY, LEAVING SAID PARALLEL LINE, SOUTH 88° 50' 39" EAST, A DISTANCE OF 22.00 FEET TO A POINT ON A LINE THAT IS PARALLEL WITH AND DISTANT 6.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 80.05 FEET TO A POINT LYING ON THE NORTHERLY LINE OF SAID PARCEL 2;

THENCE EASTERLY ALONG SAID NORTHERLY LINE OF PARCEL 2, SOUTH 88° 23' 41" EAST, A DISTANCE OF 6.00 FEET TO THE POINT OF BEGINNING.

PARCEL 3: (APN: 277-220-006-8 AND 277-220-007-9)

THAT PORTION OF GOVERNMENT LOT 14 IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE WEST LINE OF SAID GOVERNMENT LOT 14 AND THE NORTHWESTERLY LINE OF EL CERRITO ROAD, AS SHOWN BY MAP OF EL CERRITO HILLS #2 ON FILE IN BOOK 22 PAGES 33, 34, AND 35 OF MAPS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, AS SHOWN ON RECORD OF SURVEY IN BOOK 45 PAGE 80 OF RECORD OF SURVEY, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA;

THENCE NORTH 0° 24' EAST, ALONG THE WESTERLY LINE OF SAID GOVERNMENT LOT 14, A DISTANCE OF 645.17 FEET;

THENCE SOUTH 88° 47' 10" EAST, A DISTANCE OF 612.53 FEET;

THENCE SOUTH 48° 07' 10" EAST, A DISTANCE OF 243.29 FEET TO A POINT ON THE NORTHWESTERLY LINE OF SAID EL CERRITO ROAD;

THENCE SOUTH 59° 31' WEST, ALONG THE NORTHWESTERLY LINE OF SAID EL CERRITO ROAD, A DISTANCE OF 926.03 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION THEREOF CONVEYED TO THE STATE OF CALIFORNIA, BY DEED RECORDED APRIL 12, 1965 AS INSTRUMENT NO. 41637 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

PARCEL 3A:

AN EXCLUSIVE EASEMENT FOR PRIVATE ROAD FOR SECONDARY ACCESS FOR THE USE OF THE COMMERCIAL IMPROVEMENTS AS DESCRIBED IN GRANT OF EASEMENTS RECORDED AUGUST 18, 2014 AS INSTRUMENT NO. 2014-0311968 OF OFFICIAL RECORDS AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THAT PORTION OF GOVERNMENT LOT 13 IN SECTION 8, TOWNSHIP 4 SOUTH, RANGE 6 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE CITY OF CORONA, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS SHOWN IN A RECORD OF SURVEY, ON FILE IN BOOK 124, PAGES 39 AND 40, OF RECORD OF SURVEYS, OF SAID COUNTY, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF PARCEL 2 OF A GRANT DEED, RECORDED APRIL 1, 1955, AS DOCUMENT NO. 21267, BOOK 1717, PAGE 55, OF DEEDS, RECORDS OF SAID COUNTY, AND AS SHOWN ON SAID RECORD OF SURVEY;

THENCE SOUTHERLY, ALONG THE EAST LINE OF SAID LOT 13, SOUTH 01° 00' 04" WEST, A DISTANCE OF 557.54 FEET TO A POINT LYING ON THE NORTHERLY RIGHT OF WAY OF FOOTHILL PARKWAY, BEING PARCEL "A" OF INSTRUMENT NO. 2000-344682, RECORDED SEPTEMBER 01, 2000, OF OFFICIAL RECORDS OF SAID COUNTY;

THENCE WESTERLY ALONG SAID NORTHERLY RIGHT OF WAY, SOUTH 67° 26' 50" WEST, A DISTANCE OF 30.54 FEET TO A POINT LYING ON A LINE THAT IS PARALLEL WITH AND DISTANCE 28.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 489.83 FEET;

THENCE EASTERLY, LEAVING SAID PARALLEL LINE, SOUTH 88° 50' 39" EAST, A DISTANCE OF 22.00 FEET TO A POINT ON A LINE THAT IS PARALLEL WITH AND DISTANT 6.00 FEET WESTERLY OF SAID EAST LINE OF LOT 13;

THENCE NORTHERLY ALONG SAID PARALLEL LINE, NORTH 01° 00' 04" EAST, A DISTANCE OF 80.05 FEET TO A POINT LYING ON THE NORTHERLY LINE OF SAID PARCEL 2;

THENCE EASTERLY ALONG SAID NORTHERLY LINE OF PARCEL 2, SOUTH 88° 23' 41" EAST, A DISTANCE OF 6.00 FEET TO THE POINT OF BEGINNING.

**EXHIBIT "B"**  
**COST ESTIMATE**  
(To be provided by developer's engineer)

SEE ATTACHED

Faithful Performance	\$833,600.00
Labor and Material	\$416,800.00



**BOND ESTIMATE SHEET**  
(Use for Improvements Other than Grading Work Only)

Project: PIM 150020  
Location: Bedford Canyon Road at Foothill Parkway  
DWG No: 15-044S

DATE: 04-20-2018

Description of Improvements <i>*Fill in as appropriate</i>	Construction Cost	Performance Bond	Labor & Materials
		Note 2 (Round up to nearest \$200)	Bond Note 3 (Round up to nearest \$100)
1 Non-Master Planned R/W (Public) Improvements	<u>641,200.75</u>	<u>833,600</u>	<u>416,800</u>
2 Master-Planned R/W (Public) Improvements	<u>                    </u>	<u>                    </u>	<u>                    </u>
3 Interim Improvements (not including Grading Work)	<u>                    </u>	<u>                    </u>	<u>                    </u>
4 On-Site Public Improvements	<u>                    </u>	<u>                    </u>	<u>                    </u>
5 On-site Non-public Improvements	<u>                    </u>	<u>                    </u>	<u>                    </u>
6 Additional Bond Improvements (beyond typical)	<u>                    </u>	<u>                    </u>	<u>                    </u>

**NOTES:**

- 1 All construction cost estimates should be attached to this form, and shall include publicly maintained landscape & irrigation.
- 2 Performance Bond Estimate shall be calculated at 130% of the estimated construction cost, to include Engineering, Contingencies, & Planning. The 130% is the estimated total construction
- 3 Labor & Material Bond Estimate shall be 50% of the calculated Performance Bond
- 4 City staff shall review all estimates and may change the amount of the engineer's estimated bonds.
- 5 A current title report shall be submitted for bonding purposes.

**PREPARED BY:**

Mohammad Mohammadabadi, R.C.E.

Engineer's Name & Signature

4/20/18  
WET STAMP & DATE

Adams Streeter Civil Engineers

Company (949) 474-2330 ext. 209

mabadi@adams-streeter.com

Tel No/Email



**City of Corona**  
**ENGINEER'S OPINION FOR QUANTITIES AND COST ESTIMATE**

**PROJECT NO:** Parcel Map No. 36311

**LOCATION:** Bedford Canyon Road at Foothill Parkway

**DATE:** April 20, 2018

**ENGINEER:** Mo Abadi, R.C.E.

**R.C.E. Number:** 42615

**Expiration Date:** 3-31-2020

**Company:** Adams Streeter, Civil Engineers

**Telephone No.** 949-474-2330

<b><i>TOTAL STREET IMPROVEMENT COST:</i></b>
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<b><i>TOTAL CIVIL IMPROVEMENTS COST ESTIMATE:</i></b>
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**\$290,721.00**

<b><i>TOTAL TRAFFIC IMPROVEMENTS COST ESTIMATE:</i></b>
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**\$350,479.75**

<b><i>TOTAL ESTIMATE COSTRUCTION COST:</i></b>
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**\$641,200.75**

## QUANTITY ESTIMATE FOR PUBLIC IMPROVEMENTS MARCH 2018

**Project #:** PIM 1500200

**Location:** Bedford Canyon road at the intersection of Foothill Parkway

<i>Item</i>	<i>Unit</i>	<i>Unit Cost</i>	<i>Quantity</i>	<i>Cost</i>
<b>Removal</b>				
AC Berm	LF	\$8.00	260	\$ 2,080
AC Pavement	SF	\$3.00	17,345	\$ 52,0335
Curb Only	LF	\$10.00		\$
Curb & Gutter	LF	\$16.00	146.5	\$ 2,344
D/W Approach	SF	\$13.00		\$
Sidewalk	SF	\$8.00	1,121	\$ 8,968
W/C Ramp	SF	\$8.00		\$
				\$
OTHER=				\$
OTHER=				\$
			<b>SUBTOTAL</b>	<b>\$ 65,427</b>

<b>Relocation</b>				
Power/Telephone Pole	EA	\$5,000.00		\$
Pull Boxes	EA	\$500.00		\$
Street Light	EA	\$6,000.00		\$
Street Sign	EA	\$400.00	6	\$ 2,400
				\$
OTHER=				\$
			<b>SUBTOTAL</b>	<b>\$ 2,400</b>

<b>Asphalt</b>				
AC Berm 6"	LF	\$35.00	30	\$ 1,050
AC Berm 8"	LF	\$38.00		\$
AC Fogseal	SY	\$5.00		\$
AC Overlay	SY	\$8.00		\$
AC Pavement	SF		16,070	\$
Asphalt (sf x depth x 0.075)	TON	\$190.00	602.6	\$ 114,494
Base (sf x depth / 27)	CY	\$110.00	494	\$ 54,340
Fogseal	SY	\$5.00	1,785	\$ 8,925
OTHER=				\$
OTHER=				\$
OTHER=				\$
			<b>SUBTOTAL</b>	<b>\$ 178,809</b>

<b>Concrete</b>				
Alley Approach, 8" PCC	SF	\$28.00		\$
Curb Only 6"	LF	\$35.00		\$
Curb Only 8"	LF	\$39.00		\$
Curb & Gutter 6"	LF	\$42.00	597	\$ 25,074
Curb & Gutter 8"	LF	\$44.00		\$

Cross Gutter & Spandrel	SF	\$29.00		\$
D/W Approach, Complete	EA	\$6,000.00		\$
D/W Approach, 6"	SF	\$28.00		\$
D/W Approach, 8"	SF	\$30.00		\$
Pavement, 6"	SF	\$13.00		\$
Pavement, 8"	SF	\$15.00		\$
Sidewalk, 4"	SF	\$13.00	955	\$ 12,415
V-Gutter	SF	\$38.00		\$
W/C Ramp	EA	\$3,800.00		\$
W/C Ramp	SF	\$30.00	180	\$ 5,430
				\$
0" Curb and Gutter	LF	\$26.00	8	\$ 208
Curb 6" to 8" Transition	LF	\$26.00	38	\$ 988
			<b>SUBTOTAL</b>	<b>\$ 44,085</b>

#### Storm Drain

Box Culvert (Including Backfill)	CY	\$3,500.00		\$
Box Culvert (Unapp. Areas)	CY	\$2,500.00		\$
Catch Basin, W<8'	EA	\$7,000.00		\$
Catch Basin, W>8'	EA	\$10,500.00		\$
Channel, Reinf. Conc. Lined	SF	\$13.00		\$
Channel, Open Conc. <24"	LF	\$150.00		\$
Channel, Open Conc. 27"-36"	LF	\$250.00		\$
Channel, Open Conc. 42"-72"	LF	\$500.00		\$
Collar, 45"-60"	EA	\$1,300.00		\$
Collar, >60"	EA	\$2,000.00		\$
Encasement	LF	\$65.00		\$
Energy Dissipater	LS	\$10,000.00		\$
Grate Inlet, 12" x 12"	EA	\$500.00		\$
Grate Inlet, 24" x 24"	EA	\$1,300.00		\$
Grate Inlet, 36" x 36"	EA	\$5,000.00		\$
Headwalls, Gravity Type	EA	\$2,000.00		\$
Headwalls, Wing Type	EA	\$9,000.00		\$
Inlet Apron	EA	\$3,000.00		\$
Junction Structure	EA	\$10,000.00		\$
Manhole, H<8'	EA	\$6,000.00		\$
Manhole, H>8'	EA	\$8,000.00		\$
Pipe, 18" RCP	LF	\$159.00		\$
Pipe, 24" RCP	LF	\$201.00		\$
Pipe, 30" RCP	LF	\$241.00		\$
Pipe, 36" RCP	LF	\$280.00		\$
Pipe, 42" RCP	LF	\$318.00		\$
Pipe, 48" RCP	LF	\$355.00		\$
Pipe, 54" RCP	LF	\$391.00		\$
Pipe, 60" RCP	LF	\$426.00		\$
Pipe, 66" RCP	LF	\$461.00		\$
Pipe, 72" RCP	LF	\$495.00		\$
Pipe, 78" RCP	LF	\$528.00		\$

Pipe, 84" RCP	LF	\$561.00		\$
Rip-Rap, Grouted	SF	\$10.00		\$
Rip-Rap, Grouted	Ton	\$75.00		\$
Transition Structure	EA	\$5,000.00		\$
Underwalk Drain, W<6'	EA	\$3,000.00		\$
Underwalk Drain, W>6'	EA	\$4,000.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
			SUBTOTAL	\$

### Street Lights

Pull Box No. 3 1/2	EA	\$500.00		\$
Pull Box No. 5	EA	\$700.00		\$
Service Point	EA	\$7,000.00		\$
St. Light, 501 - 1 only	EA	\$5,000.00		\$
St. Light, 501 - 2 to 5	EA	\$4,900.00		\$
St. Light, 501 - 5+	EA	\$4,800.00		\$
St. Light, 502 - 1 only	EA	\$5,500.00		\$
St. Light, 502 - 2 to 5	EA	\$5,400.00		\$
St. Light, 502 - 5+	EA	\$5,300.00		\$
St. Lt. Conduit, 1" Sch 80				\$
<500 LF	LF	\$12.00		\$
>500 LF	LF	\$10.00		\$
St. Lt. Conduit, 1 1/2"				\$
<500 LF	LF	\$16.00		\$
>500 LF	LF	\$14.00		\$
OTHER=				\$
OTHER=				\$
			SUBTOTAL	\$

### Traffic

Signal, 6 phse+MstrCont.	EA	\$300,000.00		\$
Signal, 8 phse+MstrCont.	EA	\$350,000.00		\$
Signal, Both+Intrconnect	LF	\$25.00		\$
Striping, 4" Sld wht/ylw	LF	\$0.50		\$
Striping, 8" Sld wht/ylw	LF	\$0.65		\$
Striping 12" Sld wht/ylw	LF	\$2.50		\$
Striping, Skip	LF	\$0.35		\$
Striping, Double	LF	\$0.75		\$
			SUBTOTAL	\$

### Walls

Retaining Walls	SF	\$15.00		\$
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### Miscellaneous

Barricade, 40'	EA	\$1,600.00		\$
Water Lateral	EA	\$5,000.00		\$

Water Meter Installation	EA	\$2,500.00		\$
Paving Replacement, Trench	LF	\$16.00		\$
Pressure Reducing Station	EA	\$90,000.00		\$
Shoring for Trenches > 5' Deep	LF	\$17.00		\$
Street Name Signs	EA	\$500.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
SUBTOTAL				\$

#### **Sewer**

Manhole, 5' dia., 12' to 20' deep	EA	\$10,000.00		\$
Manhole, 5' dia. > 20' deep	EA	\$13,000.00		\$
Pipe, 4" VCP	LF	\$70.00		\$
Pipe, 6" VCP	LF	\$106.00		\$
Pipe, 8" VCP	LF	\$142.00		\$
Pipe, 10" VCP	LF	\$178.00		\$
Pipe, 12" VCP	LF	\$215.00		\$
Pipe, 15" VCP	LF	\$270.00		\$
Pipe, 4" DIP	LF	\$70.00		\$
Pipe, 6" DIP	LF	\$106.00		\$
Pipe, 8" DIP	LF	\$142.00		\$
Pipe, 10" DIP	LF	\$178.00		\$
Pipe, 12" DIP	LF	\$215.00		\$
Pipe, 15" DIP	LF	\$270.00		\$
SUBTOTAL				\$

#### **Miscellaneous Sewer**

Adjust Manhole	EA	\$2,000.00		\$
Clean Out	EA	\$2,000.00		\$
Saddle	EA	\$2,610.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
SUBTOTAL				\$

#### **Water**

Pipe, 4" DIP	LF	\$43.00		\$
Pipe, 6" DIP	LF	\$57.00		\$
Pipe, 8" DIP	LF	\$75.00		\$
Pipe, 10" DIP	LF	\$93.00		\$
Pipe, 12" DIP	LF	\$105.00		\$
Valve, 4"	EA	\$1,500.00		\$
Valve, 6"	EA	\$1,800.00		\$
Valve, 8"	EA	\$2,800.00		\$
Valve, 10"	EA	\$4,000.00		\$



# **QUANTITY ESTIMATE FOR PUBLIC IMPROVEMENTS March 2018**

**Project #:** PIM No. 150020

**Location:** Foothill Parkway at Bedford Canyon Road

<i>Item</i>	<i>Unit</i>	<i>Unit Cost</i>	<i>Quantity</i>	<i>Cost</i>
<b>Removal</b>				
AC Berm	LF	\$8.00		\$ -
AC Pavement	SF	\$3.00		\$ -
Curb Only	LF	\$10.00		\$ -
Curb & Gutter	LF	\$16.00		\$ -
D/W Approach	SF	\$13.00		\$ -
Sidewalk	SF	\$8.00		\$ -
W/C Ramp	SF	\$8.00		\$ -
OTHER=Removal of Striping	LF	\$6.00	350	\$ 2,100.00
OTHER=Removal of sign and post	EA	\$250.00	10	\$ 2,500.00
OTHER=Removal of signal	EA	\$20,000.00	1	\$ 20,000.00
			<b>SUBTOTAL</b>	<b>\$ 24,600.00</b>
<b>Relocation</b>				
Power/Telephone Pole	EA	\$5,000.00		\$ -
Pull Boxes	EA	\$500.00		\$ -
Street Light	EA	\$6,000.00		\$ -
Street Sign	EA	\$400.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>
<b>Asphalt</b>				
AC Berm 6"	LF	\$35.00		\$ -
AC Berm 8"	LF	\$38.00		\$ -
AC Fogseal	SY	\$5.00		\$ -
AC Overlay	SY	\$8.00		\$ -
AC Pavement	SF			\$ -
Asphalt (sf x depth x 0.075)	TON	\$190.00		\$ -
Base (sf x depth / 27)	CY	\$110.00		\$ -
Fogseal	SY	\$5.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
			<b>SUBTOTAL</b>	<b>\$ -</b>
<b>Concrete</b>				
Alley Approach, 8" PCC	SF	\$28.00		\$ -
Curb Only 6"	LF	\$35.00		\$ -
Curb Only 8"	LF	\$39.00		\$ -
Curb & Gutter 6"	LF	\$42.00		\$ -
Curb & Gutter 8"	LF	\$44.00		\$ -



Cross Gutter & Spandrel	SF	\$29.00		\$	-
D/W Approach, Complete	EA	\$6,000.00		\$	-
D/W Approach, 6"	SF	\$28.00		\$	-
D/W Approach, 8"	SF	\$28.00		\$	-
Pavement, 6"	SF	\$13.00		\$	-
Pavement, 8"	SF	\$15.00		\$	-
Sidewalk, 4"	SF	\$13.00		\$	-
V-Gutter	SF	\$38.00		\$	-
W/C Ramp	EA	\$3,800.00		\$	-
W/C Ramp	SF	\$30.00		\$	-
OTHER=				\$	-
OTHER=				\$	-
OTHER=				\$	-
			<b>SUBTOTAL</b>	\$	-

### Storm Drain

Box Culvert (Including Backfill)	CY	\$3,500.00		\$	-
Box Culvert (Unapp. Areas)	CY	\$2,500.00		\$	-
Catch Basin, W<8'	EA	\$7,000.00		\$	-
Catch Basin, W>8'	EA	\$10,500.00		\$	-
Channel, Reinf. Conc. Lined	SF	\$13.00		\$	-
Channel, Open Conc. <24"	LF	\$150.00		\$	-
Channel, Open Conc. 27"-36"	LF	\$250.00		\$	-
Channel, Open Conc. 42"-72"	LF	\$500.00		\$	-
Collar, 45"-60"	EA	\$1,300.00		\$	-
Collar, >60"	EA	\$2,000.00		\$	-
Encasement	LF	\$65.00		\$	-
Energy Dissipater	LS	\$10,000.00		\$	-
Grate Inlet, 12" x 12"	EA	\$500.00		\$	-
Grate Inlet, 24" x 24"	EA	\$1,300.00		\$	-
Grate Inlet, 36" x 36"	EA	\$5,000.00		\$	-
Headwalls, Gravity Type	EA	\$5,000.00		\$	-
Headwalls, Wing Type	EA	\$9,000.00		\$	-
Inlet Apron	EA	\$3,000.00		\$	-
Junction Structure	EA	\$10,000.00		\$	-
Manhole, H<8'	EA	\$6,000.00		\$	-
Manhole, H>8'	EA	\$8,000.00		\$	-
Pipe, 18" RCP	LF	\$159.00		\$	-
Pipe, 24" RCP	LF	\$201.00		\$	-
Pipe, 30" RCP	LF	\$241.00		\$	-
Pipe, 36" RCP	LF	\$280.00		\$	-
Pipe, 42" RCP	LF	\$318.00		\$	-
Pipe, 48" RCP	LF	\$355.00		\$	-
Pipe, 54" RCP	LF	\$391.00		\$	-
Pipe, 60" RCP	LF	\$426.00		\$	-
Pipe, 66" RCP	LF	\$461.00		\$	-
Pipe, 72" RCP	LF	\$495.00		\$	-
Pipe, 78" RCP	LF	\$528.00		\$	-

Pipe, 84" RCP	LF	\$561.00		\$	-
Rip-Rap, Grouted	Ton	\$125.00		\$	-
Transition Structure	EA	\$5,000.00		\$	-
Underwalk Drain, W<6'	EA	\$3,000.00		\$	-
Underwalk Drain, W>6'	EA	\$4,000.00		\$	-
OTHER=				\$	-
OTHER=				\$	-
OTHER=				\$	-
SUBTOTAL				\$	-

#### Street Lights

Pull Box No. 3 1/2	EA	\$500.00		\$	-
Pull Box No. 5	EA	\$700.00		\$	-
Service Point	EA	\$7,000.00		\$	-
St. Light, 501 - 1 only	EA	\$5,000.00		\$	-
St. Light, 501 - 2 to 5	EA	\$4,900.00		\$	-
St. Light, 501 - 5+	EA	\$4,800.00		\$	-
St. Light, 502 - 1 only	EA	\$5,500.00		\$	-
St. Light, 502 - 2 to 5	EA	\$5,400.00		\$	-
St. Light, 502 - 5+	EA	\$5,300.00		\$	-
St. Lt. Conduit, 1" Sch 80				\$	-
<500 LF	LF	\$12.00		\$	-
>500 LF	LF	\$10.00		\$	-
St. Lt. Conduit, 1 1/2				\$	-
<500 LF	LF	\$16.00		\$	-
>500 LF	LF	\$14.00		\$	-
OTHER=				\$	-
OTHER=				\$	-
SUBTOTAL				\$	-

#### Traffic

Signal, 6 phse+MstrCont.	EA	\$300,000.00	1	\$	300,000.00
Signal, 8 phse+MstrCont.	EA	\$350,000.00		\$	-
Signal, Both+Intrconnect	LF	\$25.00	800	\$	20,000.00
Striping, 4" Sld wht/ylw	LF	\$0.50	400	\$	200.00
Striping, 8" Sld wht/ylw	LF	\$0.65	250	\$	162.50
Striping 12" Sld wht/ylw	LF	\$2.50	85	\$	212.50
Striping, Skip	LF	\$0.35	210	\$	73.50
Striping, Double	LF	\$0.75	275	\$	206.25
SUBTOTAL				\$	320,854.75

#### Walls

Retaining Walls	SF	\$15.00		\$	-
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#### Miscellaneous

Barricade, 40'	EA	\$1,600.00		\$	-
Water Lateral	EA	\$5,000.00		\$	-
Water Meter Installation	EA	\$2,500.00		\$	-

Paving Replacement, Trench	LF	\$16.00		\$	-
Pressure Reducing Station	EA	\$90,000.00		\$	-
Shoring for Trenches > 5' Deep	LF	\$17.00		\$	-
Street Name Signs	EA	\$500.00	6	\$	3,000.00
OTHER=Pavement Markings	SF	\$7.50	270	\$	2,025.00
OTHER=				\$	-
OTHER=				\$	-
OTHER=				\$	-
OTHER=				\$	-
			<b>SUBTOTAL</b>	<b>\$</b>	<b>5,025.00</b>

#### **Sewer**

Manhole, 5' dia., 12' to 20' deep	EA	\$10,000.00		\$	-
Manhole, 5' dia. > 20' deep	EA	\$13,000.00		\$	-
Pipe, 4" VCP	LF	\$70.00		\$	-
Pipe, 6" VCP	LF	\$106.00		\$	-
Pipe, 8" VCP	LF	\$142.00		\$	-
Pipe, 10" VCP	LF	\$178.00		\$	-
Pipe, 12" VCP	LF	\$215.00		\$	-
Pipe, 15" VCP	LF	\$270.00		\$	-
Pipe, 4" DIP	LF	\$70.00		\$	-
Pipe, 6" DIP	LF	\$106.00		\$	-
Pipe, 8" DIP	LF	\$142.00		\$	-
Pipe, 10" DIP	LF	\$178.00		\$	-
Pipe, 12" DIP	LF	\$215.00		\$	-
Pipe, 15" DIP	LF	\$270.00		\$	-
			<b>SUBTOTAL</b>	<b>\$</b>	<b>-</b>

#### **Miscellaneous Sewer**

Adjust Manhole	EA	\$2,000.00		\$	-
Clean Out	EA	\$2,000.00		\$	-
Saddle	EA	\$2,610.00		\$	-
OTHER=				\$	-
OTHER=				\$	-
OTHER=				\$	-
			<b>SUBTOTAL</b>	<b>\$</b>	<b>-</b>

#### **Water**

Pipe, 4" DIP	LF	\$43.00		\$	-
Pipe, 6" DIP	LF	\$57.00		\$	-
Pipe, 8" DIP	LF	\$75.00		\$	-
Pipe, 10" DIP	LF	\$93.00		\$	-
Pipe, 12" DIP	LF	\$105.00		\$	-
Valve, 4"	EA	\$1,500.00		\$	-
Valve, 6"	EA	\$1,800.00		\$	-
Valve, 8"	EA	\$2,800.00		\$	-
Valve, 10"	EA	\$4,000.00		\$	-
Valve, 12"	EA	\$5,300.00		\$	-

Valve, 16"	EA	\$7,500.00		\$ -
			<b>SUBTOTAL</b>	\$ -

#### **Miscellaneous Water**

Air & Vac, 1"	EA	\$2,700.00		\$ -
Fire Hydrant, 6"	EA	\$4,900.00		\$ -
Fire Service, 6"	EA	\$12,000.00		\$ -
Fire Service, 8"	EA	\$20,000.00		\$ -
Fire Service 10"	EA	\$30,000.00		\$ -
Hot Tap, 8"	EA	\$3,550.00		\$ -
Hot Tap, 10"	EA	\$3,900.00		\$ -
Hot Tap, 12"	EA	\$4,750.00		\$ -
Service, 1"	EA	\$2,500.00		\$ -
Service, 2"	EA	\$3,400.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
OTHER=				\$ -
			<b>SUBTOTAL</b>	\$ -

**TOTAL COST \$ 350,479.75**

#### **PREPARED BY:**

*Kim Hoeun Preap*

**Engineer's Name & Signature**

**LLG ENGINEERS**

**Company**

**949-825-6175**

**Tel No/Email**

**PREAP@LLGENGINEERS.COM**

**WET STAMP & DATE**

