#### AGREEMENT FOR PUBLIC IMPROVEMENTS FOR – TRACT MAP 34760 MALAGA - DWG13-064S – (PIM130007) Non-Master Plan Improvements

This Agreement is made and entered into as of this 16th day of October, 2024, by and between the City of Corona, a municipal corporation (hereinafter referred to as "City"), and RANCHO PASEO DE VALENCIA, LLC, a California Limited Liability Company with its principal offices located at, 310 S MAPLE STREET SUITE G, CORONA, CA 92878 (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 Tract Map 34760 Malaga 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 bonds for said work and improvements is the amount of Three Million Three Hundred Eight-Four Thousand Dollars and No Cents (\$3,384,000.00) 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:

<u>City:</u> The City of Corona Public Works Department 400 S. Vicentia Avenue Corona, CA 92882 Developer: Rancho Paseo de Valencia, LLC 310 S Maple Street Suite G Corona, CA 92878

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

Rancho Paseo de Valencia, LLC, A California limited liability Company

By:

Manny Valencia, Power of Attorney and Agent

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 IN COMPLIANCE WITH CIVIL CODE SECTION 1189 - ORIGINAL - CITY CLERK; COPIES – DEVELOPER AND PUBLIC WORKS PROJECT FILE

#### CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

<u>X%0%0%0%0</u> %		latatatatatatatatatatatatatatatatatatat				
		officer completing this certificate verifies only the identity of the individual who signed the ertificate is attached, and not the truthfulness, accuracy, or validity of that document.				
State of Ca	alifornia	)				
County of	RIVERSII	DE)				
On	10/07/2024	before me, <u>HPATEL</u> NOTARY PUBLIC,				
	Date	Here Insert Name and Title of the Officer				
personally appeared MANUEL VALENCIA						
		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 of Notary Public

Place Notary Seal Above

H. PATEL COMM. #2411767 Notary Public - California Riverside County Comm. Expires July 29, 2026

- OPTIONAL -

Signature

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: AGREEMENT OF PUE	BLIC IMPROVEME	ENT	
Document Date: 10/07/2024		Number of Pages:		
Signer(s) Other Than Named Above:				
	Claimed by Signer(s)	Signer's Name:		
	ficer — Title(s):	Corporate Officer - Title(s):		
□ Partner - □	Limited General	Partner – Limited General		
Individual	□ Attorney in Fact		Attorney in Fact	
□ Trustee □ Guardian or Conservator		□ Trustee	Guardian or Conservator	
Other:		Other:		
Signer Is Representing:		Signer Is Repre	senting:	

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# EXHIBIT "A" LEGAL DESCRIPTION OF THE PROJECT

SEE ATTACHED

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

## SEE ATTACHED

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Faithful Performance\$3,384,000.00Labor and Material\$1,692,000.00

CORONA THE CIRCLE CITY THE ALIBRATION		Cash Register Receipt City of Corona		<u>Receipt Number</u> R49251	
DESCRIPTIO	N	ACCOUNT	STATUS	PAID	
ProjectTRAK					
PIM130007 Address: 34	TRACT APN	And the second second			

ORIGINAL

\$3,384,000.00

\$3,384,000.00

 FAITHFUL PERFORMANCE BOND – PUBLIC IMPROVEMENTS
 11000000 22002

 TOTAL FEES PAID BY RECEIPT: R49251



CORONA THE CHECTLY THE CHECTLY		Cash Register Receipt City of Corona		<u>Receipt Number</u> R49252	
DESCRIPTION		ACCOUNT	STATUS	PAID	
ProjectTRAK				PROVINCE AND ADDRESS	
PIM130007 Address: 347	60 TRACT APN:				
LABOR & MATERIAL I IMPROVEMENTS	SOND – PUBLIC	11000000 22002	ORIGINAL	\$1,692,000.00	
TOTAL FEES PAID BY RECEIPT	OTAL FEES PAID BY RECEIPT: R49252 \$1,692,000.00				

#### AGREEMENT FOR PUBLIC IMPROVEMENTS FOR --TRACT MAP 34760 MALAGA - DWG. #13-064S -- (PIM130007) Non-Master Plan Improvements

This Agreement is made and entered into as of this 16th day of October, 2024, by and between the City of Corona, a municipal corporation (hereinafter referred to as "City"), and RANCHO PASEO DE VALENCIA, LLC, a California Limited Liability Company with its principal offices located at, 310 S MAPLE STREET SUITE G, CORONA, CA 92878 (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 Tract Map 34760 Malaga 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, gualifications, 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 bonds for said work and improvements is the amount of Three Million Four Thousand Six Hundred Dollars and No Cents (\$3,040,600.00) 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 allloss, 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:

<u>City:</u> The City of Corona Public Works Department 400 S. Vicentia Avenue Corona, CA 92882 Developer: Rancho Paseo de Valencia, LLC 310 S Maple Street Suite G Corona, CA 92878

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

Rancho Paseo de Valencia, LLC, A California limited liability Company

By:

Manny Valencia, Power of Attorney and Agent

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 IN COMPLIANCE WITH CIVIL CODE SECTION 1189 - ORIGINAL - CITY CLERK; COPIES – DEVELOPER AND PUBLIC WORKS PROJECT FILE

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer co	eleting this certificate verifies only the identity of the individual who signed the ttached, and not the truthfulness, accuracy, or validity of that document.
State of California	)

County of	<u>_RIVERSIL</u>	<u>)</u>
On	10/07/2024	before me, <u>HPATEL NOTARY PUBLIC</u>
	Date	Here Insert Name and Title of the Officer
personally	appeared	MANUEL VALENCIA
		Name(s) of Signer(s)
ر و بر بر بر به منه خا ه ه		

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 of Notary Public

Place Notary Seal Above

NRCI

H. PATEL COMM. #2411767

Notary Public - California Riverside County

Comm. Expires July 29, 2026 P

- OPTIONAL -

Signature\_

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

IC IMPROVEMENT		
Number of Pages:		
Signer's Name:		
Corporate Officer – Title(s):		
Partner —      Limited      General		
Individual Attorney in Fact		
□ Trustee □ Guardian or Conservator		
Other:		

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# EXHIBIT "A" LEGAL DESCRIPTION OF THE PROJECT

SEE ATTACHED

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

### SEE ATTACHED

Faithful Performance Labor and Material

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\$3,040,600.00 \$1,520,300.00

CORONA CORONA PHE CIRCLE CITY Man 4: INC CARACTERISTIC		ister Receipt of Corona	Frederic and a state of the state of the	pt Number R49254
DESCRIPTION		ACCOUNT	STATUS	PAID
ProjectTRAK		el de l'étaite de la company		
PIM130007 Address: 3476	TRACT APN:			
FAITHFUL PERFORMAN	CE BOND - PUBLIC	1100000 22002	ORIGINIAL	\$3.040.600.00

11000000 22002

ORIGINAL

\$3,040,600.00

\$3,040,600.00

TOTAL FEES PAID BY RECEIPT: R49254

IMPROVEMENTS



CORONA PECINCECITY Marketing Construction Co	Cash Register Receipt City of Corona		<u>Receipt Number</u> R49255	
DESCRIPTION		ACCOUNT	STATUS	PAID
ProjectTRAK				
PIM130007 Address: 3476	50 TRACT APN:			
LABOR & MATERIAL B IMPROVEMENTS	OND – PUBLIC	11000000 22002	ORIGINAL	\$1,520,300.00
TOTAL FEES PAID BY RECEIPT:	R49255			\$1,520,300.00



### AGREEMENT FOR SURVEY MONUMENTATION TRACT MAP 34760 MALAGA – (PIM130007)

This Agreement is entered into as of this 16th day of October, 2024, by and between the City of

Corona, a municipal corporation (hereinafter referred to as "City") and RANCHO PASEO DE VALENCIA, LLC, a California Limited Liability Company with its principal office located at 310 S Maple Street Suite G, Corona, CA 92878 (hereinafter referred to as "Developer").

#### WITNESSETH:

FIRST: Developer, for and in consideration of approval of Tract Map 34760 Malaga (hereinafter referred to as Tract Map 34760 Malaga map has submitted to the City for its approval and subsequent recordation a map prepared by Armstrong & Brooks Consulting Engineers, containing property monuments in accordance with Section 66495 of the Subdivision Map Act.

SECOND: Developer now desires to record said Tract Map 34760 Malaga prior to having interior monuments set for said Tract Map 34760 Malaga Map, and in consideration has instructed to certify on said Tract Map 34760 Malaga Map that monuments will be set within ONE YEAR after recordation of Tract Map 34760 Malaga Map. Furthermore, Developer has agreed to provide security guaranteeing the payment for the cost of setting such monuments in accordance with Section 66496 of the Subdivision Map Act.

**THIRD:** Developer and City desire to enter into this Agreement for the furnishing of security for the setting of monuments in performance of this Agreement. Upon the execution of this Agreement, Developer shall provide City with a surety bond in the amount of **Fourteen Thousand Four Hundred Dollars and No Cents (\$14,400.00)** 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 for the setting of monuments 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. The surety stipulates and agrees that no change, extension of time, alteration, or addition to the terms of this Agreement shall in any way affect its obligation to the terms of this Agreement.

FOURTH: The City may, either before or after the expiration of the time provided above and in its sole and absolute discretion, provide Developer with additional time within which to insure setting on monuments as required above. 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, estoppel, statutes of limitations, and other limitations of action in any action or proceeding filed by City following the date on which the monuments were to have been completed hereunder.

**FIFTH:** 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. 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 arrange for the completion of all remaining work. All such work 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.

**SIXTH:** 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.

SEVENTH: 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

**EIGHTH:** If Developer fails to comply with the provisions of 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.

NINTH: 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.

### <u>CITY:</u>

City of Corona Public Works Dept. 400 S. Vicentia Avenue Corona, California 92882

### **DEVELOPER:**

Rancho Paseo de Valencia, LLC 310 S Maple Street Suite G Corona, CA 92878

TENTH: This Agreement contains the entire Agreement of the parties with respect to the subject matter hereof, and supersedes all prior negotiations, understandings, or agreements, either in

writing 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.

Rancho Paseo de Valencia, LLC, a California limited liability Company

mit By:

Manny Valencia, Power of Attorney and Agent

ATTEST:

CITY CLERK OF THE CITY OF CORONA

**CITY OF CORONA** 

Ву: \_\_\_\_\_

(City Clerk)

Ву: \_\_\_\_\_

Mayor

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SIGNATURES OF DEVELOPER MUST BE EXECUTED AND ACKNOWLEDGED BEFORE A NOTARY IN COMPLIANCE WITH CIVIL CODE SECTION 1189 - ORIGINAL - CITY CLERK; COPIES – DEVELOPER AND PUBLIC WORKS PROJECT FILE

#### CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

#### CIVIL CODE § 1189

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX							
		officer completing this certificate verifies only the identity of the individual who signed the ertificate is attached, and not the truthfulness, accuracy, or validity of that document.					
State of Ca	alifornia	)					
County of	RIVERSII	DE)					
On	10/07/2024	before me, <u>HPATEL</u> NOTARY PUBLIC					
	Date	Here Insert Name and Title of the Officer					
personally	personally appearedMANUEL VALENCIA						
		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 of Notary Public

Place Notary Seal Above

- OPTIONAL -

Signature

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

	Attached Document Document: AGREEMENT OF SU	RVEY		
Document Date:		Number of Pages:		
Signer(s) Other	Than Named Above:			
	laimed by Signer(s)			
Signer's Name:		Signer's Name:		
Corporate Off	icer — Title(s):	Corporate Officer — Title(s):		
	Limited General	Partner —      Limited      General		
Individual	Attorney in Fact	🗆 Individual	Attorney in Fact	
□ Trustee □ Guardian or Conservator		□ Trustee	Guardian or Conservator	
□ Other:		□ Other:		
Signer Is Representing:		Signer Is Repre	senting:	

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	Cash Register Receipt City of Corona		<u>Receipt Number</u> R49253	
DESCRIPTION	ACCOUNT	STATUS	PAID	
ProjectTRAK				
PIM130007 Address: 34760 TRACT AP	N:			
FAITHFUL PERFORMANCE BOND – SURVEY MONUMENTATION	11000000 22002	ORIGINAL	\$14,400.00	
TOTAL FEES PAID BY RECEIPT: R49253			\$14,400.00	

#### AGREEMENT FOR PUBLIC IMPROVEMENTS FOR – TRACT MAP 34760 MALAGA - DWG. #13-064U – (PIM130008) Non-Master Plan Improvements

This Agreement is made and entered into as of this **16th day of October**, **2024**, by and between the City of Corona, a municipal corporation (hereinafter referred to as "City"), and **RANCHO PASEO DE VALENCIA**, LLC, a California Limited Liability Company with its principal offices located at, **310 S MAPLE STREET SUITE G, CORONA, CA 92878** (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 Tract Map 34760 Malaga 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, gualifications, 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 bonds for said work and improvements is the amount of One Hundred Sixty Thousand Four Hundred Dollars and No Cents (\$160,400.00) 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:

<u>City:</u> The City of Corona Public Works Department 400 S. Vicentia Avenue Corona, CA 92882 Developer: Rancho Paseo de Valencia, LLC 310 S Maple Street Suite G Corona, CA 92878

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

Rancho Paseo de Valencia, LLC, A California limited liability Company By: Manny Valencia, Power of Attorney and Agent

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 IN COMPLIANCE WITH CIVIL CODE SECTION 1189 - ORIGINAL - CITY CLERK; COPIES – DEVELOPER AND PUBLIC WORKS PROJECT FILE

#### **CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

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 Ca County of	alifornia RIVERSID	DE	)			
On	10/07/2024	before me, _	H PATEL	NOTARY	PUBLIC	,
	Date				and Title of the	he Officer
personally	appeared	MANUEL VALE	NCIA			
. ,			Name	e(s) of Signer(	ís)	

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 of Notary Public

Place Notary Seal Above

- OPTIONAL -

Signature

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: <u>AGREEMENT OF PUBL</u>	LIC IMPROVEMENT		
	Number of Pages:		
Signer(s) Other Than Named Above:			
Capacity(ies) Claimed by Signer(s) Signer's Name: Corporate Officer — Title(s):	Signer's Name: □ Corporate Officer — Title(s):		
□ Partner - □ Limited □ General	$\Box$ Partner – $\Box$ Limited $\Box$ General		
Individual     Attorney in Fact	□ Individual □ Attorney in Fact		
Guardian or Conservator     Other: Signer Is Representing:	Trustee     Guardian or Conservator     Other:     Signer Is Representing:		

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# EXHIBIT "A" LEGAL DESCRIPTION OF THE PROJECT

SEE ATTACHED

•

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

## SEE ATTACHED

Faithful Performance Labor and Material \$160,400.00 \$80,200.00

THE CIRCLE CITY BASHING A USA THE CIRCLE CITY BASHING A USA THE CIRCLE CITY BASHING A USA THE CIRCLE CITY		Cash Register Receipt City of Corona		<u>Receipt Number</u> R49261	
DESCRIPTION		ACCOUNT	STATUS	PAID	
ProjectTRAK					
PIM130008 Address: 3476	0 TRACT APN:				
FAITHFUL PERFORMAN IMPROVEMENTS	ICE BOND – PUBLIC	11000000 22002	ORIGINAL	\$160,400.00	
TOTAL FEES PAID BY RECEIPT:	R49261			\$160,400.00	

	egister Receipt ty of Corona	<u>Receipt Number</u> R49262	
DESCRIPTION	ACCOUNT	STATUS	PAID
ProjectTRAK			
PIM130008 Address: 34760 TRACT API	N:	2017.03	
LABOR & MATERIAL BOND – PUBLIC IMPROVEMENTS	11000000 22002	ORIGINAL	\$80,200.00
TOTAL FEES PAID BY RECEIPT: R49262			\$80,200.00



#### AGREEMENT FOR PUBLIC IMPROVEMENTS FOR – TRACT MAP 34760 MALAGA – (PWSP2022-0002) Non-Master Plan Improvements

This Agreement is made and entered into as of this 16th day of October, 2024, by and between the City of Corona, a municipal corporation (hereinafter referred to as "City"), and RANCHO PASEO DE VALENCIA, LLC, a California Limited Liability Company, with its principal offices located at, 310 S MAPLE STREET SUITE G, CORONA, 92878 (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 Tract Map 34760 Malaga 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, gualifications, 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 bonds for said work and improvements is the amount of One Million Five Hundred Seventy-Four Thousand Six Hundred Dollars and No Cents (\$1,574,600.00) 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:

<u>City:</u> The City of Corona Public Works Department 400 S. Vicentia Avenue Corona, CA 92882 Developer: Rancho Paseo de Valencia, LLC 310 S Maple Street Suite G Corona, CA 92878

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

Rancho Paseo de Valencia, LLC, a California Limited Liability Company

By: Manny Valencia, Power of Attorney and Agent

ATTEST:

CITY CLERK OF THE CITY OF CORONA

**CITY OF CORONA** 

By: \_\_\_

(City Clerk)

Mayor

(SEAL)

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

By:

SIGNATURES OF DEVELOPER MUST BE EXECUTED AND ACKNOWLEDGED BEFORE A NOTARY IN COMPLIANCE WITH CIVIL CODE SECTION 1189 - ORIGINAL - CITY CLERK; COPIES – DEVELOPER AND PUBLIC WORKS PROJECT FILE

#### **CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

<u> </u>	*****	*****	 80303030303030303

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 Ca	alifornia		)			
County of	RIVERSI	DE	_ )			
On	10/07/2024	before me, _	H PATEL	NOTARY PUB	LIC	,
	Date			Insert Name and	Title of the Officer	
personally	appeared	MANUEL VALE	NCIA			-
			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

Signature of Notary Public

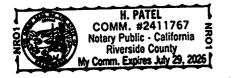
Place Notary Seal Above

· 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 <i>l</i>	Attached Document				
Title or Type of	Document: AGREEMENT OF PU	BLIC IMPROVEME	ENT		
			Number of Pages:		
Signer(s) Other	Than Named Above:				
Capacity(ies) C	laimed by Signer(s)				
Signer's Name:		Signer's Name:			
Corporate Off	icer — Title(s):				
□ Partner – □	Limited General	🗆 Partner — 🗇 Limited 🛛 General			
🗆 Individual	Attorney in Fact	🗆 Individual	Attorney in Fact		
□ Trustee □ Guardian or Conservator		Trustee	Guardian or Conservator		
□ Other:		□ Other:			
Signer Is Representing:		Signer Is Representing:			

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# EXHIBIT "A" LEGAL DESCRIPTION OF THE PROJECT

SEE ATTACHED

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

### SEE ATTACHED

٠

Faithful Performance Labor and Material

•

\$1,574,600.00 \$787,300.00

	egister Receipt ity of Corona	<u>Receipt Number</u> R49257	
DESCRIPTION	ACCOUNT	STATUS	PAID
ProjectTRAK			
PWSP2022-0002 Address: APN:			
LABOR & MATERIAL BOND – PUBLIC IMPROVEMENTS	11000000 22002	ORIGINAL	\$787,300.00
TOTAL FEES PAID BY RECEIPT: R49257			\$787,300.00

Cash	Register Receipt City of Corona	<u>Receipt Number</u> R49256		
DESCRIPTION	ACCOUNT	STATUS	PAID	
ProjectTRAK				
PWSP2022-0002 Address: APN:				
FAITHFUL PERFORMANCE BOND – PUB IMPROVEMENTS	3LIC 11000000 22002	ORIGINAL	\$1,574,600.00	

TOTAL FEES PAID BY RECEIPT: R49256

Date Paid: Monday, October 07, 2024 Paid By: RANCHO PASEO DE VALENCIA Cashier: MLEY Pay Method: BOND \$1,574,600.00

#### BOND ESTIMATE SHEET

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

Project:		Tract No. 34760 - PGR 130004			Date 12-08-2021	-
Location:		South of Malaga				-
Drawing No	:	13-064R				
				Construction Cost	Bond Estimate	
				(See Note 1)	(Round to nearest \$100)	
	1	GRADING SECURITY				
	1			<b>*</b> • • • • • • • • • • • • • • • • • • •		
		(a) Grading Work		\$10,439,932.00	\$3,131,200.00	Note 2
		(b) Erosion Control, See Note 3		\$60,000.00	\$45,000.00	Note 4
			TOTAL GR	ADING BOND ESTIMATE	\$3,176,200.00	Note 6
			EROSION	I CONTROL CASH BOND	\$11,250.00	Note 5
	2	SURVEY & MONUMENTATION BONE	<u>)</u>			
		Attach Engineer's or PLS letter of Monumementation Cost, signed & starr	nped			
		by the Engineer or PLS.		\$14,400.00	\$14,400.00	_

#### 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
- 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 can be added to the grading bond.
- 4. A maximum of 75% of the erosion control cost may be added to the grading bond
- 5. A minimum of 25% of the erosion control cost shall be posted in cash and not less than \$2500
- 6. Sum of 30% of 1(a) & 75% max of 1(b)
- 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:

With O. Broof

Willaim D. Brooks, RCE 53114

Armstrong & Brooks Consulting Engineers, Inc. Company

951-372-8400 X112 Tel No/Email



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

Project:	Tract No. 34760, PIM 130007, 130008	DATE:	1/5/2022
Location:	South of Malaga		
Drawing No:	13-064S, 13-064U		

	Description of Improvements *Fill in as appropriate	Construction Cost	Performance Bond Note 2 (Round to nearest\$200)	Labor & Material Bond Note 3 (Round to nearest\$100
1	Off-Site Improvements Plans per Dwg. No. 13- 164U	\$123,425.00	\$160,400.00	\$80,200.00
2	Public Improvmenets Reclaimed Water Line in Orange Heights/Jasper/Fletcher/Malaga St) TBD	\$415,150.00	\$539,600.00	\$269,800.00
3	Interim Improvements (not including Grading Work)			
4	On-Site Public Improvements	\$2,338,950.00	\$3,040,600.00	\$1,520,300.00
5	On-Site Non-public Improvements	\$2,602,997.00	\$3,384,000.00	\$1,692,000.00
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 cost.
- 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. No arrangements for bonds shall be made until the City has issued the project's Bond & Fee Letter.
- 5 A current title report shall be submitted for bonding purposes.

PREPARED BY:

With O. Bung RCE 53114

Armstrong & Brooks Consulting Engineers, Inc. Company 951-372-8400 X112

Tel No/Email



	· · · · · · · · · · · · · · · · · · ·	760, PIM 130007,		
Lo		Orange Heights at the	end of Malaga	
ltem	Unit	0 13-064S <i>Unit Cost</i>	Quantity	Cost
nem	Onn	Unit Cost	Quantity	COSI
Removal				
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=				\$-
			SUBTOTAL	\$-
Relocation				
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	\$-
Asphalt				
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	<b>\$0.00</b>		\$ -
Asphalt (sf x depth x 0.075) 11,480 S.F.	TON	\$190.00	1620	\$ 307,800.0
Base (sf x depth / 27)	CY	\$110.00	1328	\$ 146,080.0
Fogseal	SY	\$5.00		\$ -
OTHER=Full Depth AC Replacement	TON	\$190.00		\$ -
OTHER=				\$ -
OTHER=				\$ -
			SUBTOTAL	\$ 453,880.0
Concrete				
Alley Approach, 8" PCC	SF	00.909		¢
Curb Only 6"	LF	\$28.00 \$25.00		<u>\$</u> -
Curb Only 8"	LF	\$35.00 \$30.00		\$-
Curb & Gutter 6"	LF	\$39.00 \$42.00		\$ - \$ -
Curb & Gutter 6" Curb & Gutter 8"		\$42.00 \$44.00		φ - ¢
Curb & Gutter & Cross Gutter & Spandrel	LF SF	\$44.00 \$29.00		\$ - \$ -
•				
D/W Approach, Complete	EA	\$6,000.00		\$ -
D/W Approach, 6" D/W Approach, 8"	SF SF	\$28.00 \$28.00		\$ -
	SF	\$28.00 \$12.00		\$- \$-
Pavement, 6"	35	\$13.00		J -

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=Wheel Stop	EA	\$250.00	\$ -

OTHER=
OTHER=

SUBTOTAL

-

\$ \$

\$

torm Drain	CY	¢2 €00 00		¢	
Box Culvert (Including Backfill)		\$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		\$	
nlet Apron	EA	\$3,000.00		\$	
lunction Structure	EA	\$10,000.00		\$	
Manhole, H<8'	EA	\$6,000.00		\$	
/lanhole, 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		\$	
Jnderwalk Drain, W<6'	EA	\$3,000.00		\$	
Jnderwalk Drain, W>6'	EA	\$4,000.00		\$	-
OTHER=4" PVC	LF	\$30.00		\$	
OTHER=Filterra Catch Basin	EA	\$7,000.00		\$	
OTHER=		. ,		\$	-
			SUBTOTAL	\$	-

Street Lights				
Pull Box No. 3 1/2	EA	\$500.00	24	\$ 12,000.00
Pull Box No. 5	EA	\$700.00		\$ -
Service Point	EA	\$7,000.00	1	\$ 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	31	\$ 164,300.00

St. Lt. Conduit, 1" Sch 80				\$	-
<500 LF	LF	\$12.00		\$	-
>500 LF	LF	\$10.00	4820	\$	48,200.00
St. Lt. Conduit, 1 1/2				\$	-
<500 LF	LF	\$16.00		\$	-
>500 LF	LF	\$14.00	600	\$	8,400.00
OTHER=				\$	-
OTHER=				\$	-
			SUBTOTAL	\$	239,900.00
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		\$	
Sulping, Double	Li	ψ0.75	SUBTOTAL	\$	-
Walls	05	<b>A</b> 45.00			
Retaining Walls	SF	\$15.00		\$	-
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	26	\$	260,000.00
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	4560	\$	647,520.00
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>L</b> ,	<i>\\\</i>	SUBTOTAL	\$	907,520.00
				Ŧ	

LF \$270.00 SUBTOTAL Miscellaneous Sewer

Adjust Manhole	EA	\$2,000.00	1	\$ 2,000.00
Clean Out	EA	\$2,000.00		\$ -
Saddle	EA	\$2,610.00		\$ -
OTHER=Cut-In Wye	EA	\$2,000.00		\$ -
OTHER=4" VCP Sewer lateral	EA	\$1,500	34	\$ 51,000.00
OTHER=				\$ -
			SUBTOTAL	\$ 53,000.00

Water				
Pipe, 4" PVC	LF	\$30.00		\$ -
Pipe, 6" DIP	LF	\$57.00		\$ -
Pipe, 8" DIP	LF	\$75.00	6806	\$ 510,450.00
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	14	\$ 39,200.00
Valve, 10"	EA	\$4,000.00		\$ -
Valve, 12"	EA	\$5,300.00		\$ -
Valve, 16"	EA	\$7,500.00		\$ -
			SUBTOTAL	\$ 549,650.00

Miscellaneous Water				
Air & Vac, 1"	EA	\$2,700.00	4	\$ 10,800.00
Fire Hydrant, 6"	EA	\$4,900.00	23	\$ 112,700.00
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	1	\$ 2,500.00
Service, 2"	EA	\$3,400.00		\$ -
OTHER= Thrust Block	EA	\$150.00		\$ -
OTHER=Fitting	EA	\$500.00	18	\$ 9,000.00
OTHER=Irrigation Serivce	EA	\$3,400.00		\$ -
			SUBTOTAL	\$ 135,000.00

PREPARED BY:

With O. Bring

William D. Brooks

Engineer's Name & Signature Armstrong & Brooks Consulting Engineers, Inc. Company <u>bill@armstrongbrooks.com</u> (951)372-8400

### WET STAMP & DATE

TOTAL COST

\$

2,338,950.00



## QUANTITY ESTIMATE FOR NON-PUBLIC IMPROVEMENTS (ON-SITE)

# Project #: Tract 34760, PIM 130007 DWG. NO. 13-064S

Location: South of Orange Heights at the end of Malaga

Item	Unit	Unit Cost	Quantity	Cost
Removal				
AC Berm	LF	\$8.00		
AC Pavement	SF	\$3.00	457	\$ 1,371.00
Curb Only	LF	\$10.00		+ )
Curb & Gutter	LF	\$16.00	90	\$ 1,440.00
D/W Approach	SF	\$13.00		
Sidewalk	SF	\$8.00		
W/C Ramp	SF	\$8.00		
OTHER=				
OTHER=				
OTHER=				
			SUBTOTAL	\$ 2,811.00
Relocation				]
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	
Asphalt				
AC Berm 6"	LF	\$35.00		
AC Berm 8"	LF	\$38.00		
AC Fogseal	SY	\$5.00		
AC Overlay	SY	\$8.00	40	\$ 320.00
AC Pavement (4" AC/9.5" BASE)		131217 SF		
Asphalt (sf x depth x 0.075)	TON	\$190.00	3280	\$ 623,200.00
Base (sf x depth / 27)	CY	\$110.00	3850	\$ 423,500.00
AC Pavement (6" AC/10" BASE)		43202 SF		
Asphalt (sf x depth x 0.075)	TON	\$190.00	1620	\$ 307,800.00
Base (sf x depth / 27)	CY	\$110.00	1340	\$ 147,400.00
Fogseal	SY	\$5.00		
OTHER=			_	
OTHER=				
OTHER=				
			SUBTOTAL	\$ 1,502,220.00
Concrete				
Alley Approach, 8" PCC	SF	\$28.00		
Curb Only 6"	LF	\$35.00	365	\$ 12,775.00
Curb Only 8"	LF	\$39.00		
Curb & Gutter 6"	LF	\$42.00	9020	\$ 378,840.00
Curb & Gutter 8"	LF	\$44.00		
Cross Gutter & Spandrel	SF	\$29.00	2055	\$ 59,595.00
D/W Approach, Complete	EA	\$6,000.00		

D/W Approach, 6" D/W Approach, 8" Pavement, 6" Pavement, 8" Sidewalk, 4" Sidewalk, 4" (12" Min. Landing Adj. to V-Gutter W/C Ramp	SF SF SF SF SF SF EA	\$28.00 \$28.00 \$13.00 \$15.00 \$13.00 \$13.00 \$38.00 \$3,800.00	5984 23183 5640 260 3	\$ 167,552.00 \$ 301,379.00 \$ 73,320.00 \$ 9,880.00 \$ 11,400.00
W/C Ramp	SF	\$30.00		
OTHER=				
OTHER=				
OTHER=			SUBTOTAL	\$ 1,014,741.00
			SUBTUTAL	\$ 1,014,741.00
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	10	\$ 70,000.00
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 \$110.00		
Pipe, 18" CMP	LF	\$110.00 \$120.00		
Pipe, 24" CMP	LF	\$130.00		
Pipe, 30" CMP	LF	\$150.00		
Pipe, 36" CMP	LF	\$180.00		
Pipe, 42" CMP	LF	\$190.00 \$200.00		
Pipe, 48" CMP	LF LF	\$200.00 \$220.00		
Pipe, 54" CMP	LĽ	\$220.00		

Pipe, 60" CMP Pipe, 4" PVC Pipe, 4" Perf PVC Pipe, 6" PVC Pipe, 8" PVC Pipe, 10" PVC Pipe, 12" PVC Pipe, 12" PVC Rip-Rap, Grouted Rip-Rap, Grouted Transition Structure Underwalk Drain, W<6' Underwalk Drain, W<6' Curb Drain, OTHER= OTHER=	LF LF LF LF LF LF EA EA EA	\$250.00 \$30.00 \$20.00 \$25.00 \$30.00 \$35.00 \$40.00 \$50.00 \$10.00 \$125.00 \$5000.00 \$3000.00 \$4000.00 \$500.00		\$ \$	12,000.00
					,
Street Lights					
Pull Box No. 3 1/2 Pull Box No. 5	EA EA	\$500.00 \$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			
Thermoplastic Stop Sign & Striping	EA	\$75.00	3 SUBTOTAL	\$ \$	225.00 225.00
Walls			COBICIAL	Ψ	220.00
Retaining Walls	SF	\$15.00			
i veraining vvans	JF	φ13.00			
Miscellaneous					1
Barricade, 40'	EA	\$1,600.00			
		ψ1,000.00			

Water Lateral Water Meter Installation Paving Replacement, Trench Pressure Reducing Station Shoring for Trenches > 5' Deep Street Name Signs OTHER= OTHER= OTHER= OTHER=	EA LF EA LF EA	\$5,000.00 \$2,500.00 \$16.00 \$90,000.00 \$17.00 \$500.00		
OTHER=			SUBTOTAL	\$ -
Sewer				
Manhole, 5' dia., 12' to 20' deep	EA	\$10,000.00		\$-
Manhole, 5' dia. > 20' deep	EA	\$13000.00		
Manhole, 6' dia., >12' deep	EA	\$9000.00		\$-
Pipe, 6" PVC	LF	\$30.00		
Pipe, 8" VCP	LF	\$37.00		\$-
Pipe, 10" PVC	LF	\$44.00		
Pipe, 12" PVC	LF	\$50.00		
Pipe, 15" PVC	LF	\$57.00		
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 LF	\$215.00 \$270.00		
Pipe, 15" DIP	LF	\$270.00	SUBTOTAL	\$ -
			SUBTUTAL	<u>ъ</u> -
Miscellaneous Sewer				
Adjust Manhole	EA	\$2,000.00		\$-
Clean Out	EA	\$2,000.00		
4" VCP Residential Sewer Lateral	EA	\$1,500.00		\$-
Saddle	EA	\$2,610.00		
Connect to Exist. Manhole, Re-Shape Base OTHER=	EA	\$1,500.00		\$-
OTHER=			SUBTOTAL	\$ -
			5651017C	¥

Water				
Pipe, 4" DIP Class 350	LF	\$43.00		
Pipe, 6" DIP Class 350	LF	\$57.00		
Pipe, 8" DIP Class 350	LF	\$75.00		\$ -
Pipe, 12" DIP Class 350	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, 14"	EA	\$3,000.00		
Valve, 16"	EA	\$7,500.00		
			SUBTOTAL	\$ -
Miscellaneous Water				
Air & Vac, 1"	EA	\$2,700.00		\$-
Blow Off, 2"	EA	\$1,500.00		
Blow Off, 4"	EA	\$3,600.00		
Fire Hydrant, 6"	EA	\$4,900.00		\$ -
Fire Service, 6"	EA	\$12,000.00		
Fire Service, 8"	EA	\$20,000.00		
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, 1 1/2"	EA	\$1,650.00		\$-
Service, 2"	EA	\$3,400.00		
8"X8"x8" DI Tee	EA	\$1,000.00		\$ -
8"X8"x8"X8" DI Cross w/Gate Valves	EA	\$7,500.00		\$ -
8" DI Fitting - 11.25°	EA	\$500.00		\$ -
8" DI Fitting - 22.50°	EA	\$500.00		\$-
8" DI Fitting - 45°	EA	\$500.00		\$-
8" DI Fitting - 90°	EA	\$500.00		\$ -
8" Pipe Joint w/deflection (Rope)	EA	\$500.00		\$ -
OTHER=				
OTHER=				
			SUBTOTAL	\$ -

TOTAL COST \$ 2,602,997.00

PREPARED BY: With O. Bung

# WET STAMP & DATE

William D. Brooks, RCE 53114

Armstrong & Brooks Consulting Engineers

(951) 372-8400 x114 / bill@armstrongbrooks.com



### QUANTITY ESTIMATE FOR PUBLIC IMPROVEMENTS (OFF-SITE)

### Project #: Tract 34760

## Location: Orange Heights W'ly of Main to Fletcher to the end of S. Malaga

Dwg. No. 13-064U

Dwg. No. 13-064U Item	Unit	Unit Cost	Quantity	Cost
Removal				
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	
Relocation		¢5 000 00		
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=				
AC Berm 6"	LF	\$20.00		
AC Berm 8"	LF	\$24.00		
AC Fogseal	SY	\$3.00		
AC Overlay	SY	\$4.00		
AC Pavement	SF			
Asphalt (sf x depth x 0.075)	TON	\$75.00		
Base (sf x depth / 27)	CY	\$55.00		
Fogseal	SY	\$3.00		
OTHER=				
OTHER=				
OTHER=				
			SUBTOTAL	
Concrete				
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 \$6.000.00		
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	
			OUBTOTAL	

Box Culver (including Backfill)         CY         \$3,500.00           Box Culver (including Backfill)         CY         \$2,500.00           Catch Basin, W-8'         EA         \$7,000.00           Catch Basin, W-8'         EA         \$7,000.00           Catch Basin, W-8'         EA         \$10,500.00           Channel, Open Conc. 27-36''         LF         \$250.00           Channel, Open Conc. 27-36''         EA         \$13,00.00           Collar, 45''60''         EA         \$13,00.00           Collar, 45''60''         EA         \$13,00.00           Collar, 45''60''         EA         \$13,00.00           Collar, 45''70''         EA         \$13,00.00           Grate Iniel, 27''x 12''         EA         \$50,00.00           Grate Iniel, 27''x 12''         EA         \$50,00.00           Headwalls, Gravity Type         EA         \$5,000.00           Headwalls, Gravity Type         EA         \$5,000.00           Headwalls, Gravity Type         EA         \$5,000.00           Junction Structure         EA         \$6,000.00           Manhole, I+8''         EA         \$6,000.00           Manhole, I+8''         EA         \$6,000.00           Pipe, 39'' RCP         LF </th <th>Storm Drain</th> <th></th> <th></th> <th></th>	Storm Drain			
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 Conc24"         LF         \$150.00           Channel, Open Conc27"-50"         EA         \$220,000           Collar, -80"         EA         \$200,000           Collar, 45"-60"         EA         \$220,000           Encassment         LF         \$560,00           Encassment         LF         \$500,000           Grate Iniet, 12" x 12"         EA         \$13,00,00           Grate Iniet, 12" x 12"         EA         \$13,00,00           Grate Iniet, 12" x 12"         EA         \$13,00,00           Grate Iniet, 13" x 38"         EA         \$10,000,00           Grate Iniet, 14" x 12"         EA         \$10,000,00           Intel Apron         EA         \$10,000,00           Junction Structure         EA         \$10,000,00           Manhole, H-8"         EA         \$80,000,00           Pipe, 49" RCP         LF         \$221,00           Pipe, 49" RCP         LF         \$221,00 <tr< td=""><td></td><td>CY</td><td>\$3,500.00</td><td></td></tr<>		CY	\$3,500.00	
Catch Basin, W-8'         EA         \$7,000.00				
Catch Basin, W-8'         EA         \$10,500.00           Channel, Open Conc. <24*				
Channel, Reinf, Conc. 127"-36"         LF         \$13.00				
Channel. Open Conc. 24*         LF         \$150.00           Channel. Open Conc. 24*-72*         LF         \$250.00           Collar, 45*-60*         EA         \$1,300.00           Collar, 45*-60*         EA         \$2,000.00           Encasement         LF         \$560.00           Encasement         LF         \$500.00           Grate Inlet, 12* x 12*         EA         \$5,000.00           Grate Inlet, 42* x 24*         EA         \$5,000.00           Grate Inlet, 43* x 24*         EA         \$5,000.00           Headwalls, Wing Type         EA         \$5,000.00           Headwalls, Wing Type         EA         \$5,000.00           Manhole, H-8'         EA         \$6,000.00           Manhole, H-8'         EA         \$6,000.00           Pipe, 44* RCP         LF         \$210.00           Pipe, 44* RCP         LF         \$210.00           Pipe, 44* RCP         LF         \$241.00           Pipe, 47* RCP         LF         \$355.00           Pipe, 47* RCP         LF         \$354.00           Pipe, 47* RCP         LF         \$355.00           Pipe, 47* RCP         LF         \$350.00           Pipe, 67* RCP         LF	-			
Channel. Open Conc. 27"-36"         LF         \$250.00           Channel. Open Conc. 42"-72"         LF         \$500.00           Collar, 45"-60"         EA         \$1,300.00           Collar, 45"-60"         EA         \$1,300.00           Collar, 560"         EA         \$2,000.00           Encasement         LF         \$66.00           Encasement         LS         \$10,000.00           Grate Inlet, 12" x 12"         EA         \$500.00           Grate Inlet, 24" x 24"         EA         \$5,000.00           Grate Inlet, 36" x 36"         EA         \$5,000.00           Headwalls, Gravity Type         EA         \$5,000.00           Headwalls, Gravity Type         EA         \$5,000.00           Junction Structure         EA         \$6,000.00           Manhole, H-8"         EA         \$8,000.00           Manhole, H-8"         EA         \$8,000.00           Pipe, 48" RCP         LF         \$220.00           Pipe, 47" RCP         LF         \$220.00           Pipe, 47" RCP         LF         \$338.00           Pipe, 47" RCP         LF         \$320.00           Pipe, 47" RCP         LF         \$38.00           Pipe, 47" RCP				
Channel, Open Conc. 42"-72"         LF         \$500.00           Collar, 45"-60"         EA         \$1,300.00           Encasement         LF         \$65.00           Energy Dissipater         LS         \$1,000.00           Grate Inite, 12" x 12"         EA         \$5,000.00           Grate Inite, 12" x 12"         EA         \$5,000.00           Grate Inite, 13" x 12"         EA         \$5,000.00           Headwalls, Gravity Type         EA         \$5,000.00           Headwalls, Gravity Type         EA         \$5,000.00           Junction Structure         EA         \$5,000.00           Manhole, H-8"         EA         \$6,000.00           Manhole, H-8"         EA         \$6,000.00           Pipe, 30" RCP         LF         \$241.00           Pipe, 30" RCP         LF         \$280.00           Pipe, 44" RCP         LF         \$318.00           Pipe, 44" RCP         LF         \$310.00           Pipe, 44" RCP         LF         \$310.00           Pipe, 67" RCP         LF         \$310.00           Pipe, 67" RCP         LF         \$310.00           Pipe, 67" RCP         LF         \$321.00           Pipe, 67" RCP         LF </td <td></td> <td></td> <td></td> <td></td>				
Collar, 45"-60"         EA         \$1,300.00           Collar, 560"         EA         \$2,000.00           Encasement         LF         \$65.00           Energy Dissipater         LS         \$10,000.00           Grate Iniel, 12" x 12"         EA         \$500.00           Grate Iniel, 36" x 36"         EA         \$5,000.00           Headwalls, Gravity Type         EA         \$5,000.00           Headwalls, Wing Type         EA         \$5,000.00           Headwalls, Wing Type         EA         \$5,000.00           Junction Structure         EA         \$5,000.00           Manhole, H-8"         EA         \$8,000.00           Manhole, H-8"         EA         \$8,000.00           Pipe, 18" RCP         LF         \$199.00           Pipe, 24" RCP         LF         \$221.00           Pipe, 30" RCP         LF         \$355.00           Pipe, 48" RCP         LF         \$385.00           Pipe, 48" RCP         LF         \$335.00           Pipe, 66" RCP         LF         \$340.00           Pipe, 66" RCP         LF         \$345.00           Pipe, 66" RCP         LF         \$345.00           Pipe, 78" RCP         LF         \$34				
Collar, >60°         EA         \$2,000.00           Encasement         LF         \$86.00           Energy Dissipater         LS         \$10,000.00           Grate Inlet, 12" x 12"         EA         \$500.00           Grate Inlet, 34" x 24"         EA         \$5,000.00           Headwalls, Gravity Type         EA         \$5,000.00           Headwalls, Gravity Type         EA         \$5,000.00           Junction Structure         EA         \$5,000.00           Manhole, H-8"         EA         \$6,000.00           Manhole, H-8"         EA         \$6,000.00           Manhole, H-8"         EA         \$6,000.00           Pipe, 18" RCP         LF         \$159.00           Pipe, 30" RCP         LF         \$2201.00           Pipe, 30" RCP         LF         \$220.00           Pipe, 42" RCP         LF         \$331.00           Pipe, 54" RCP         LF         \$345.00           Pipe, 54" RCP         LF         \$345.00           Pipe, 66" RCP         LF         \$365.00           Pipe, 67" RCP         LF         \$365.00           Pipe, 72" RCP         LF         \$365.00           Pipe, 64" RCP         LF         \$365.00 <td></td> <td>EA</td> <td></td> <td></td>		EA		
Encasement         LF         \$65.00		EA		
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, 24* x 24*         EA         \$5,000,00           Grate Inlet, 36* x 36*         EA         \$5,000,00           Headwalls, Gravily Type         EA         \$5,000,00           Junction Structure         EA         \$5,000,00           Manhole, H-8*         EA         \$6,000,00           Manhole, H-8*         EA         \$6,000,00           Manhole, H-8*         EA         \$6,000,00           Pipe, 18* RCP         LF         \$159,00           Pipe, 24* RCP         LF         \$210,00           Pipe, 36* RCP         LF         \$220,100           Pipe, 36* RCP         LF         \$318,00           Pipe, 42* RCP         LF         \$318,00           Pipe, 60* RCP         LF         \$351,00           Pipe, 60* RCP         LF         \$445,00           Pipe, 67* RCP         LF         \$456,00           Pipe, 72* RCP         LF         \$528,00           Pipe, 73* RCP         LF         \$528,00           Pipe, 74* CMP         LF         <				
Grate Inlet, 12" X 12"       EA       \$500.00	Energy Dissipater			
Grate Inlet, 24" × 24"       EA       \$1,300.00         Grate Inlet, 36" × 36"       EA       \$5,000.00         Headwalls, Gravity Type       EA       \$5,000.00         Headwalls, Gravity Type       EA       \$9,000.00         Junction Structure       EA       \$9,000.00         Manhole, H-8"       EA       \$6,000.00         Manhole, H-8"       EA       \$6,000.00         Pipe, 18" RCP       LF       \$19,00         Pipe, 24" RCP       LF       \$2201.00         Pipe, 36" RCP       LF       \$2201.00         Pipe, 36" RCP       LF       \$235.00         Pipe, 48" RCP       LF       \$318.00         Pipe, 48" RCP       LF       \$335.00         Pipe, 54" RCP       LF       \$335.00         Pipe, 66" RCP       LF       \$345.00         Pipe, 67" RCP       LF       \$426.00         Pipe, 78" CMP       LF       \$426.00         Pipe, 78" CMP       LF       \$100.00 <td< td=""><td></td><td></td><td></td><td></td></td<>				
Grate Inlet, 36" x 38"       EA       \$5,000.00	Grate Inlet, 24" x 24"	EA		
Headwalls, Gravity Type       EA       \$\$,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           Pipe, 18'' RCP         LF         \$159.00           Pipe, 24'' RCP         LF         \$201.00           Pipe, 36'' RCP         LF         \$2201.00           Pipe, 36'' RCP         LF         \$2201.00           Pipe, 36'' RCP         LF         \$238.00           Pipe, 42'' RCP         LF         \$318.00           Pipe, 54'' RCP         LF         \$335.00           Pipe, 66'' RCP         LF         \$340.00           Pipe, 66'' RCP         LF         \$426.00           Pipe, 66'' RCP         LF         \$426.00           Pipe, 66'' RCP         LF         \$426.00           Pipe, 72'' RCP         LF         \$426.00           Pipe, 72'' RCP         LF         \$426.00           Pipe, 78'' RCP         LF         \$528.00           Pipe, 78'' RCP         LF         \$528.00           Pipe, 84'' RCP         LF         \$520.00           <		EA	\$3,000.00	
Manhole, H>8'       EA       \$8,000.00         Pipe, 18'' RCP       LF       \$159.00         Pipe, 24'' RCP       LF       \$201.00         Pipe, 30'' RCP       LF       \$220.00         Pipe, 36'' RCP       LF       \$230.00         Pipe, 48'' RCP       LF       \$318.00         Pipe, 54'' RCP       LF       \$331.00         Pipe, 66'' RCP       LF       \$426.00         Pipe, 66'' RCP       LF       \$445.00         Pipe, 66'' RCP       LF       \$445.00         Pipe, 72'' RCP       LF       \$456.00         Pipe, 72'' RCP       LF       \$561.00         Pipe, 72'' RCP       LF       \$130.00         Pipe, 74'' RCP       LF       \$100.0         Pipe, 74'' RCP       LF       \$100.0         Pipe, 72'' RCP       LF       \$100.0         Pipe, 60'' CMP       LF       \$100.0         Pipe, 60'' CMP       LF       \$100.0         Pipe, 48'' CMP       LF       \$200.00         Pipe, 49'' CMP       LF	•	EA		
Pipe, 18" RCP       LF       \$159.00         Pipe, 24" RCP       LF       \$201.00         Pipe, 36" RCP       LF       \$241.00         Pipe, 42" RCP       LF       \$280.00         Pipe, 42" RCP       LF       \$318.00         Pipe, 42" RCP       LF       \$335.00         Pipe, 60" RCP       LF       \$339.00         Pipe, 66" RCP       LF       \$446.00         Pipe, 66" RCP       LF       \$446.00         Pipe, 78" RCP       LF       \$446.00         Pipe, 78" RCP       LF       \$528.00         Pipe, 78" RCP       LF       \$10.00         Pipe, 81" CMP       LF       \$110.00         Pipe, 24" CMP       LF       \$130.00         Pipe, 42" CMP       LF       \$130.00         Pipe, 42" CMP       LF       \$130.00         Pipe, 44" CMP       LF       \$130.00         Pipe, 44" CMP       LF       \$130.00         Pipe, 42" CMP       LF       \$220.00         Pipe, 44" CMP       LF       \$220.00         Pipe, 60" CMP       LF       \$220.00         Pipe, 60" CMP       LF       \$220.00         Pipe, 60" CMP       LF       \$220.00 <td>Manhole, H&lt;8'</td> <td>EA</td> <td>\$6,000.00</td> <td></td>	Manhole, H<8'	EA	\$6,000.00	
Pipe, 18" RCP       LF       \$159.00	Manhole, H>8'	EA	\$8,000.00	
Pipe, 30" RCP       LF       \$241.00	Pipe, 18" RCP	LF		
Pipe, 36" RCP       LF       \$280.00		LF	\$201.00	
Pipe, 42" RCP       LF       \$318.00	Pipe, 30" RCP	LF	\$241.00	
Pipe, 48" RCP       LF       \$355.00	Pipe, 36" RCP	LF	\$280.00	
Pipe, 54" RCP       LF       \$391.00	Pipe, 42" RCP	LF	\$318.00	
Pipe, 60" RCP       LF       \$426.00	Pipe, 48" RCP	LF	\$355.00	
Pipe, 66" RCP       LF       \$461.00	Pipe, 54" RCP	LF	\$391.00	
Pipe, 72" RCP       LF       \$495.00	Pipe, 60" RCP	LF	\$426.00	
Pipe, 78" RCP       LF       \$528.00	Pipe, 66" RCP	LF	\$461.00	
Pipe, 84" RCP       LF       \$561.00	Pipe, 72" RCP	LF	\$495.00	
Pipe, 18" CMP       LF       \$110.00	Pipe, 78" RCP	LF	\$528.00	
Pipe, 24" CMP       LF       \$130.00	Pipe, 84" RCP	LF	\$561.00	
Pipe, 30" CMP       LF       \$150.00	Pipe, 18" CMP	LF	\$110.00	
Pipe, 36" CMP       LF       \$180.00	Pipe, 24" CMP	LF	\$130.00	
Pipe, 42" CMP       LF       \$190.00	Pipe, 30" CMP	LF	\$150.00	
Pipe, 48" CMP       LF       \$200.00	Pipe, 36" CMP	LF	\$180.00	
Pipe, 54" CMP       LF       \$220.00         Pipe, 60" CMP       LF       \$250.00         Pipe, 4" PVC       LF       \$30.00         Pipe, 4" Perf PVC       LF       \$20.00         Pipe, 6" PVC       LF       \$20.00         Pipe, 8" PVC       LF       \$25.00         Pipe, 8" PVC       LF       \$25.00         Pipe, 10" PVC       LF       \$30.00         Pipe, 10" PVC       LF       \$35.00         Pipe, 12" PVC       LF       \$35.00         Pipe, 18" PVC       LF       \$50.00         Rip-Rap, Grouted       SF       \$10.00         Rip-Rap, Grouted       Ton       \$125.00         Transition Structure       EA       \$5,000.00         Underwalk Drain, W<6'	Pipe, 42" CMP	LF	\$190.00	
Pipe, 60" CMP       LF       \$250.00	Pipe, 48" CMP	LF	\$200.00	
Pipe, 4" PVC       LF       \$30.00	Pipe, 54" CMP	LF	\$220.00	
Pipe, 4" Perf PVC       LF       \$20.00	Pipe, 60" CMP	LF	\$250.00	
Pipe, 6" PVC       LF       \$25.00	Pipe, 4" PVC	LF	\$30.00	
Pipe, 8" PVC       LF       \$30.00	Pipe, 4" Perf PVC	LF	\$20.00	
Pipe, 10" PVC       LF       \$35.00	Pipe, 6" PVC	LF	\$25.00	
Pipe, 12" PVC       LF       \$40.00		LF	\$30.00	
Pipe, 18" PVC       LF       \$50.00		LF	\$35.00	
Rip-Rap, Grouted       SF       \$10.00	Pipe, 12" PVC	LF	\$40.00	
Rip-Rap, Grouted       Ton       \$125.00         Transition Structure       EA       \$5,000.00         Underwalk Drain, W<6'	Pipe, 18" PVC	LF	\$50.00	
Transition Structure       EA       \$5,000.00         Underwalk Drain, W<6'	Rip-Rap, Grouted		\$10.00	
Underwalk Drain, W<6'         EA         \$3,000.00           Underwalk Drain, W>6'         EA         \$4,000.00           OTHER=				
Underwalk Drain, W>6'         EA         \$4,000.00           OTHER=			\$5,000.00	
OTHER= OTHER= OTHER= OTHER= OTHER=	Underwalk Drain, W<6'	EA	\$3,000.00	
OTHER=		EA	\$4,000.00	
OTHER=				
SUBTOTAL	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	
	EA	\$4,900.00	
St. Light, 501 - 2 to 5	EA		
St. Light, 501 - 5+		\$4,800.00 \$5,500.00	· · ·
St. Light, 502 - 1 only	EA 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		¢40.00	
<500 LF	LF	\$12.00	
>500 LF	LF	\$10.00	
St. Lt. Conduit, 1 1/2	. –	<b>*</b> ( <b>* * *</b>	
<500 LF	LF	\$16.00	
>500 LF	LF	\$14.00	
OTHER=			
OTHER=			
			SUBTOTAL
Traffic		<b>*</b> ~~~~~~~~~	
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	
	01	φ10.00	
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=			
			SUBTOTAL

Sewer					
Manhole, 5' dia., 12' to 20' deep	EA	\$10,000.00			
Manhole, 5' dia. $> 20'$ deep	EA	\$13,000.00			
Pipe, 4" PVC	LF	\$24.00			r
Pipe, 6" PVC	LF	\$30.00			
Pipe, 8" PVC	LF	\$37.00			
Pipe, 10" PVC	LF	\$44.00			
Pipe, 12" PVC	LF	\$50.00			
Pipe, 12 PVC	LF	\$57.00			
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	011070741		
			SUBTOTAL		
Miscellaneous Sewer					]
Adjust Manhole	EA	\$2,000.00			I
Clean Out	EA	\$2,000.00			
Saddle	EA	\$2,610.00			
OTHER=		<i>4</i> _,0.000			
OTHER=					
OTHER=					r
OTHER-			SUBTOTAL		
			COBTOTAL		
Water					
Pipe, 4" Class 350 (Purple)	LF	\$30.00		\$	-
Pipe, 6" Class 150	LF	\$36.00			
• •		ψ00.00			
Pipe, 8" DIP Class 350	LF	\$75.00	883	\$	66,225.00
			883	\$	66,225.00
Pipe, 8" DIP Class 350	LF	\$75.00	883	\$	66,225.00 - -
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple)	LF LF EA	\$75.00 \$75.00	883		-
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW	LF LF EA	\$75.00 \$75.00 \$500.00 \$13.00	883	\$ \$	-
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150	LF LF EA LF LF	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00	883	\$ \$	-
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150	LF LF EA LF LF LF	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00	883	\$ \$	-
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4"	LF LF LF LF LF EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00	883	\$ \$	-
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6"	LF EA LF LF LF EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00 \$1,800.00		\$ \$ 	
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 8"	LF EA LF LF EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00 \$1,800.00 \$2,800.00	883	\$ \$ \$	-
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 8" Valve, 8" Valve, 8" (Reclaimed)	LF EA LF LF EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00		\$ \$ 	
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 8" Valve, 8" Valve, 8" (Reclaimed) Valve, 10"	LF EA LF LF LF EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$4,000.00		\$ \$ \$	
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 6" Valve, 8" Valve, 8" (Reclaimed) Valve, 10" Valve, 12"	LF EA LF LF EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00		\$ \$ \$	
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 6" Valve, 8" Valve, 8" (Reclaimed) Valve, 10" Valve, 12" Valve, 14"	LF EA LF LF EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$1,500.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00 \$3,000.00		\$ \$ \$	
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 6" Valve, 8" Valve, 8" (Reclaimed) Valve, 10" Valve, 12"	LF EA LF LF EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00		\$ \$ \$ \$	- - - 2,800.00 -
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 6" Valve, 8" Valve, 8" (Reclaimed) Valve, 10" Valve, 12" Valve, 14"	LF EA LF LF EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$1,500.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00 \$3,000.00		\$ \$ \$	
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 6" Valve, 8" Valve, 8" (Reclaimed) Valve, 10" Valve, 12" Valve, 14"	LF EA LF LF EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$1,500.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00 \$3,000.00		\$ \$ \$ \$	- - - 2,800.00 -
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 6" Valve, 8" Valve, 8" (Reclaimed) Valve, 10" Valve, 12" Valve, 14" Valve, 16"	LF EA LF LF EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$1,500.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00 \$3,000.00		\$ \$ \$ \$	- - - 2,800.00 -
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 8" Valve, 8" Valve, 8" (Reclaimed) Valve, 10" Valve, 12" Valve, 14" Valve, 14" Valve, 16" <u>Miscellaneous Water</u> Air & Vac, 1"	LF EA LF LF EA EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00 \$3,000.00 \$7,500.00	1 	\$ \$ \$ \$	- - - 2,800.00 - 69,025.00
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 8" Valve, 8" Valve, 8" (Reclaimed) Valve, 10" Valve, 12" Valve, 14" Valve, 14" Valve, 16" <u><b>Miscellaneous Water</b></u> Air & Vac, 1" Air & Vac, 1" (Reclaimed)	LF EA LF LF EA EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$5,300.00 \$3,000.00 \$7,500.00 \$2,700.00 \$2,700.00	1 	\$ \$ \$ \$ \$	- - - 2,800.00 - 69,025.00
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 8" Valve, 8" Valve, 8" Valve, 8" Valve, 10" Valve, 12" Valve, 12" Valve, 14" Valve, 14" Valve, 16" <u>Miscellaneous Water</u> Air & Vac, 1" Air & Vac, 1" (Reclaimed) Blow Off, 2"	LF LF EA LF LF EA EA EA EA EA EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$5,300.00 \$3,000.00 \$7,500.00 \$2,700.00 \$2,700.00 \$1,500.00	1 	\$ \$ \$ \$ \$	- - - 2,800.00 - 69,025.00
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 8" Valve, 8" Valve, 8" Valve, 8" Valve, 10" Valve, 10" Valve, 12" Valve, 14" Valve, 14" Valve, 16" <u>Miscellaneous Water</u> Air & Vac, 1" Air & Vac, 1" Air & Vac, 1" Blow Off, 2" Blow Off, 4"	LF LF EA LF LF EA EA EA EA EA EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00 \$3,000.00 \$7,500.00 \$1,500.00 \$3,600.00	1 	\$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 8" Valve, 8" Valve, 8" Valve, 8" Valve, 10" Valve, 10" Valve, 12" Valve, 14" Valve, 14" Valve, 16" <u>Miscellaneous Water</u> Air & Vac, 1" Air & Vac, 1" (Reclaimed) Blow Off, 2" Blow Off, 4" Fire Hydrant, 6"	LF LF EA LF LF EA EA EA EA EA EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$51.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00 \$7,500.00 \$7,500.00 \$1,500.00 \$3,600.00 \$4,900.00	1  _	\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Valve, 10" Class 150 Valve, 6" Valve, 6" Valve, 8" Valve, 8" Valve, 8" Valve, 8" Valve, 10" Valve, 12" Valve, 12" Valve, 14" Valve, 14" Valve, 16" <u>Miscellaneous Water</u> Air & Vac, 1" Air & Vac, 1" Air & Vac, 1" Blow Off, 2" Blow Off, 4" Fire Hydrant, 6" Fire Hydrant/Blow-Off Assy, 6"	LF LF EA LF LF EA EA EA EA EA EA EA EA EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$1,500.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00 \$3,000.00 \$7,500.00 \$1,500.00 \$3,600.00 \$4,900.00 \$4,400.00	1 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 8" Valve, 8" (Reclaimed) Valve, 10" Valve, 12" Valve, 12" Valve, 14" Valve, 14" Valve, 16" <u>Miscellaneous Water</u> Air & Vac, 1" Air & Vac, 1" Air & Vac, 1" Blow Off, 2" Blow Off, 4" Fire Hydrant, 6" Fire Hydrant/Blow-Off Assy, 6" (Reclaimed)	LF LF EA LF LF EA EA EA EA EA EA EA EA EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$1,500.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00 \$3,000.00 \$7,500.00 \$1,500.00 \$3,600.00 \$4,900.00 \$4,900.00 \$4,900.00	1  _	\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 8" Valve, 8" Valve, 8" Valve, 8" Valve, 10" Valve, 10" Valve, 12" Valve, 14" Valve, 14" Valve, 16" <u><i>Miscellaneous Water</i></u> Air & Vac, 1" Air & Vac, 1" Air & Vac, 1" Reclaimed) Blow Off, 2" Blow Off, 4" Fire Hydrant, 6" Fire Hydrant/Blow-Off Assy, 6" Fire Hydrant/Blow-Off Assy, 6" (Reclaimed) Fire Service, 6"	LF LF EA LF LF EA EA EA EA EA EA EA EA EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$1,500.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00 \$3,000.00 \$7,500.00 \$1,500.00 \$3,600.00 \$4,900.00 \$4,900.00 \$4,900.00 \$12,000.00	1  _	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
Pipe, 8" DIP Class 350 Pipe, 8" DIP Class 350 (Purple) Pipe, 8" DIP Class 350 (Purple) Spool Convert Exist. 8" PVC 900 Domestic to RW Pipe, 10" Class 150 Pipe, 12" Class 150 Valve, 4" Valve, 6" Valve, 8" Valve, 8" (Reclaimed) Valve, 10" Valve, 12" Valve, 12" Valve, 14" Valve, 14" Valve, 16" <u>Miscellaneous Water</u> Air & Vac, 1" Air & Vac, 1" Air & Vac, 1" Blow Off, 2" Blow Off, 4" Fire Hydrant, 6" Fire Hydrant/Blow-Off Assy, 6" (Reclaimed)	LF LF EA LF LF EA EA EA EA EA EA EA EA EA EA EA EA EA	\$75.00 \$75.00 \$500.00 \$13.00 \$46.00 \$1,500.00 \$1,500.00 \$1,800.00 \$2,800.00 \$2,800.00 \$2,800.00 \$4,000.00 \$5,300.00 \$3,000.00 \$7,500.00 \$1,500.00 \$3,600.00 \$4,900.00 \$4,900.00 \$4,900.00	1  _	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -

Hot Tap, 10"	EA	\$3,900.00			
Hot Tap, 12"	EA	\$4,750.00			
Service, 1" - Zone 6	EA	\$2,500.00		\$	-
Service, 1" - Zone 5	EA	\$2,500.00		\$	-
Service, 1 1/2"	EA	\$2,900.00		\$	-
Service, 2"	EA	\$3,400.00			
8"X8"x8" DI Tee	EA	\$1,000.00	1	\$	1,000.00
8"X8"x8" DI Tee (Reclaimed)	EA	\$1,000.00		\$	-
8" DI Fitting - 45°	EA	\$500.00	8	\$	4,000.00
8" DI Fitting - 90°	EA	\$500.00	1	\$	500.00
8" DI Fitting - 90° (Reclaimed)	EA	\$500.00		\$	-
12"X8" DI Reducer, CI 350	EA	\$500.00	1	\$	500.00
8"X6" DI Reducer, Cl 350 (Reclaimed)	EA	\$500.00		\$	-
Blind Flange & Thrust Block	EA	\$1,500.00	1	\$	1,500.00
Waterline/Utility Crossing	EA	\$4,000.00	2	\$	8,000.00
Remove & Salvage Pressure Reducing	EA	\$2,000.00	<u>2</u> 1	\$	2,000.00
Close Corp. Stop, Remove interfering		\$1,000.00			,
service Per Note Const. Nos. 41 & 53	EA	+ .,		\$	-
Close Corp. Stop, Remove interfering	EA	\$1,000.00		\$	
service Per Note Const. Nos. 49 & 53A					
Remove Exist. 8" GV/Install Blind Flange &		\$1,500.00	1	\$	1,500.00
Misc. Concrete Encasement-Detail "E"	EA	\$750.00	1	\$	750.00
Remove & Salvage FH & Valve/Rmv. FH Lat/Install Blind Flange at Mainline Tee	EA	\$750.00		\$	-
Install Zone 6 Pressure Regulator at Home	EA	\$1,250.00	7	\$	8,750.00
Install Cut-In-Tee w/o valves	EA		1		
Install Cut-In-Tee with valves	EA	\$2,000.00 \$3,000.00	2	\$ \$	2,000.00
			2	Þ	6,000.00
Remove Exist. Blind Flange & Join Exist. Dl Main w/ Flange Coupling Adaptor	EA	\$1,500.00	1	\$	1,500.00
Abandon Exist. 8" Main	LF	\$15.00		\$	-
Relocate Exist. 3-inch Irr. Meter for RW use	e EA	\$1,250.00		\$	-
Pothole Exist. Waterline, Field Join	<b>F</b> •	\$1,500.00			
w/Flange Coupling Adaptor (Reclaimed)	EA	. ,		\$	-
Remove Exist. 6" PVC C900 Irr. Pipe	LF	\$10.00		\$	-
Cut-in 8" DI Fitting - 90°	EA		1	\$	-
Install 8"X4" D.I.P. Reducer CL350	EA		1	\$	-
OTHER=				<u> </u>	
			SUBTOTAL	\$	54,400.00

# TOTAL COST \$ 123,425.00

PREPARED BY: With O. Bung

Willaim D. Brooks, P.E.

WET STAMP & DATE

Armstrong & Brooks Consulting Engineers

(951) 372-8400 x114 / bill@armstrongbrooks.com



## QUANTITY ESTIMATE FOR PUBLIC IMPROVEMENTS (OFF-SITE)

## Project #: Tract 34760 conditioned Reclaimed Water line to be designed

Location: Orange Heights W'ly of Main to Fletcher to the end of S. Malaga

Dwg. No. 13-064U (Reclaimed Water in Orange Heights to Jesper Dr.)/ 6-inch irrigation conversion Jesper & Flet to Malaga St. and new 8-inch R.W. in Malaga St. extension to terminus

	Unit	Unit Cost	Quantity	Cost
Removal				
AC Berm	LF	\$8.00		
AC Berni AC Pavement	SF	\$8.00 \$3.00		
Curb Only	LF	\$3.00 \$10.00		
Curb & Gutter	LF	\$16.00		
	SF	\$13.00		
D/W Approach	SF			
Sidewalk W/C Ramp	SF	\$8.00 \$8.00		
OTHER=	ЪГ	<b>ф0.00</b>		
OTHER=				
OTHER=				
OTHER-			SUBTOTAL	
Relocation		¢E 000 00		
Power/Telephone Pole	EA	\$5,000.00		
Pull Boxes	EA	\$500.00 \$6,000.00		
Street Light	EA	\$6,000.00		
Street Sign	EA	\$400.00		
OTHER=				
OTHER=		¢00.00		
AC Berm 6"	LF	\$20.00		
AC Berm 8"	LF	\$24.00		
AC Fogseal	SY	\$3.00		
AC Overlay	SY	\$4.00		
AC Pavement	SF	#75 00		
Asphalt (sf x depth x 0.075)	TON	\$75.00 \$55.00		
Base (sf x depth / 27)	CY	\$55.00		
Fogseal	SY	\$3.00		
OTHER=				
OTHER=				
OTHER=				
			SUBTOTAL	
Concrete				
Alley Approach, 8" PCC	SF	\$28.00		
	LF	\$35.00		
Curb Only 8"	LF	\$39.00		
Curb Only 8" Curb & Gutter 6"	LF	\$42.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8"	LF LF	\$42.00 \$44.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel	LF LF SF	\$42.00 \$44.00 \$29.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete	LF LF SF EA	\$42.00 \$44.00 \$29.00 \$6,000.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete D/W Approach, 6"	LF LF SF EA SF	\$42.00 \$44.00 \$29.00 \$6,000.00 \$28.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete D/W Approach, 6" D/W Approach, 8"	LF LF SF EA SF SF	\$42.00 \$44.00 \$29.00 \$6,000.00 \$28.00 \$28.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete D/W Approach, 6" D/W Approach, 8" Pavement, 6"	LF LF SF EA SF SF SF	\$42.00 \$44.00 \$29.00 \$6,000.00 \$28.00 \$28.00 \$13.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete D/W Approach, 6" D/W Approach, 8" Pavement, 6" Pavement, 8"	LF LF SF EA SF SF SF SF	\$42.00 \$44.00 \$29.00 \$6,000.00 \$28.00 \$28.00 \$13.00 \$15.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete D/W Approach, 6" D/W Approach, 8" Pavement, 6" Pavement, 8" Sidewalk, 4"	LF LF SF EA SF SF SF SF SF	\$42.00 \$44.00 \$29.00 \$6,000.00 \$28.00 \$28.00 \$13.00 \$15.00 \$13.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete D/W Approach, 6" D/W Approach, 8" Pavement, 6" Pavement, 8" Sidewalk, 4" V-Gutter	LF LF EA SF SF SF SF SF SF	\$42.00 \$44.00 \$29.00 \$6,000.00 \$28.00 \$28.00 \$13.00 \$15.00 \$13.00 \$38.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete D/W Approach, 6" D/W Approach, 8" Pavement, 6" Pavement, 8" Sidewalk, 4" V-Gutter	LF LF SF EA SF SF SF SF SF EA	\$42.00 \$44.00 \$29.00 \$6,000.00 \$28.00 \$28.00 \$13.00 \$15.00 \$13.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete D/W Approach, 6" D/W Approach, 8" Pavement, 6" Pavement, 8" Sidewalk, 4" V-Gutter W/C Ramp	LF LF EA SF SF SF SF SF SF	\$42.00 \$44.00 \$29.00 \$6,000.00 \$28.00 \$28.00 \$13.00 \$15.00 \$13.00 \$38.00		
Curb Only 6" Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete D/W Approach, 6" D/W Approach, 8" Pavement, 6" Pavement, 6" Pavement, 8" Sidewalk, 4" V-Gutter W/C Ramp W/C Ramp OTHER=	LF LF SF EA SF SF SF SF SF EA	\$42.00 \$44.00 \$29.00 \$6,000.00 \$28.00 \$13.00 \$13.00 \$15.00 \$13.00 \$38.00 \$3,800.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete D/W Approach, 6" D/W Approach, 8" Pavement, 6" Pavement, 6" Pavement, 8" Sidewalk, 4" V-Gutter W/C Ramp W/C Ramp	LF LF SF EA SF SF SF SF SF EA	\$42.00 \$44.00 \$29.00 \$6,000.00 \$28.00 \$13.00 \$13.00 \$15.00 \$13.00 \$38.00 \$3,800.00		
Curb Only 8" Curb & Gutter 6" Curb & Gutter 8" Cross Gutter & Spandrel D/W Approach, Complete D/W Approach, 6" D/W Approach, 8" Pavement, 6" Pavement, 6" Pavement, 8" Sidewalk, 4" V-Gutter W/C Ramp W/C Ramp DTHER=	LF LF SF EA SF SF SF SF SF EA	\$42.00 \$44.00 \$29.00 \$6,000.00 \$28.00 \$13.00 \$13.00 \$15.00 \$13.00 \$38.00 \$3,800.00		

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	
Pipe, 18" CMP	LF	\$110.00	
Pipe, 24" CMP	LF	\$130.00	
Pipe, 30" CMP	LF	\$150.00	
Pipe, 36" CMP	LF	\$180.00	
Pipe, 42" CMP	LF	\$190.00	
Pipe, 48" CMP	LF	\$200.00	
Pipe, 54" CMP	LF	\$220.00	
Pipe, 60" CMP	LF	\$250.00	
Pipe, 4" PVC	LF	\$30.00	
Pipe, 4" Perf PVC	LF	\$20.00	
Pipe, 6" PVC	LF	\$25.00	
Pipe, 8" PVC	LF	\$30.00	
Pipe, 10" PVC	LF	\$35.00	
Pipe, 12" PVC	LF	\$40.00	
Pipe, 18" PVC	LF	\$50.00	
Rip-Rap, Grouted	SF	\$10.00	
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	LA	ψ0,000.00	
<500 LF	LF	\$12.00	
>500 LF	LF	\$10.00	
St. Lt. Conduit, 1 1/2	LF	φ10.00	
<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	
	<b>_</b> .	<i><b>Q</b></i> <b>O O O O O O O O O O</b>	SUBTOTAL
Walls			
		¢45.00	
Retaining Walls	SF	\$15.00	
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=			
			SUBTOTAL
			· · · ·

Sewer					]
Manhole, 5' dia., 12' to 20' deep	EA	\$10,000.00			
Manhole, 5' dia. > $20'$ deep	EA	\$13,000.00			
Pipe, 4" PVC	LF	\$13,000.00 \$24.00			
Pipe, 6" PVC	LF	\$30.00			
Pipe, 8" PVC	LF	\$30.00 \$37.00			
•					
Pipe, 10" PVC	LF	\$44.00 \$50.00			
Pipe, 12" PVC	LF	\$50.00 \$57.00			
Pipe, 15" PVC	LF	\$57.00			
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		
Missellensous Course					1
Miscellaneous Sewer	EA	\$2,000,00			
Adjust Manhole Clean Out	EA EA	\$2,000.00 \$2,000.00			
		\$2,000.00			
Saddle	EA	\$2,610.00			
OTHER=					
OTHER=					
OTHER=					
			SUBTOTAL		
Water					]
Pipe, 4" Class 350 (Purple)	LF	\$30.00		\$	]
Pipe, 6" Class 150	LF	\$36.00			
Pipe, 8" DIP Class 350	LF	\$75.00		\$	
Pipe, 8" DIP Class 350 (Purple)	LF	\$75.00	3450	- <u>*</u> \$	258,750.00
Pipe, 8" DIP Class 350 (Purple) Spool	EA	\$500.00	5		2,500.00
Pipe, 10" Class 150	LF	\$46.00	<u> </u>	<u> </u>	2,500.00
•					
Pipe, 12" Class 150	LF	\$51.00			
Valve, 4"	EA	\$1,500.00			
Valve, 6"	EA	\$1,800.00			
Valve, 8"	EA	\$2,800.00			-
Valve, 8" (Reclaimed)	EA	\$2,800.00	14	\$	39,200.00
Valve, 10"	EA	\$4,000.00			
Valve, 12"	EA	\$5,300.00			
Valve, 14"	EA	\$3,000.00			
Valve, 16"	EA	\$7,500.00			000 450 00
			SUBTOTAL	\$	300,450.00
Miscellaneous Water					
Air & Vac, 1"	EA	\$2,700.00		\$	
Air & Vac, 1" (Reclaimed)	EA	\$2,700.00	2	- <del>•</del>	5,400.00
Blow Off, 2"	EA	\$1,500.00	<u>-</u>	Ψ	0,400.00
Blow Off, 4"	EA	\$3,600.00			
Fire Hydrant, 6"	EA			¢	
-		\$4,900.00		<u>\$</u>	-
Fire Hydrant/Blow-Off Assy, 6"	EA	\$4,400.00	2	<u> </u>	-
Fire Hydrant/Blow-Off Assy, 6" (Reclaimed)	EA	\$4,900.00	3	\$	14,700.00
Fire Service, 6"	EA	\$12,000.00			
Fire Service, 8"	EA	\$20,000.00			
Hot Tap, 8"	EA	\$3,550.00			

			TOTAL COST	\$ 415,150.00
			SUBTOTAL	\$ 114,700.00
Install 8"X4" D.I.P. Reducer CL350 OTHER=	EA		1	\$ -
Cut-in 8" DI Fitting - 90°	EA		1	\$ -
Remove Exist. 6" PVC C900 Irr. Pipe	LF	\$80.00	170	\$ 13,600.00
Coupling Adaptor (Reclaimed)	EA		1	\$ 1,500.00
Pothole Exist. Waterline, Field Join w/Flange		\$1,500.00	<u> </u>	
Relocate Exist. 3-inch Irr. Meter for RW	EA	\$3,500.00	1	\$ 3,500.00
Install 3-inch RW water meter & service std	EA	\$35,000.00	2	\$ 70,000.00
Remove Exist. Blind Flange & Join Exist. DI Main w/ Flange Coupling Adaptor	EA	\$1,500.00		\$ -
Install Cut-In-Tee with valves	EA	\$3,000.00	1	\$ 3,000.00
Install Cut-In-Tee w/o valves	EA	\$2,000.00	4	\$ -
Install Zone 6 Pressure Regulator at Home	EA	\$1,250.00		\$ -
Lat/Install Blind Flange at Mainline Tee	EA			\$ -
Remove & Salvage FH & Valve/Rmv. FH		\$750.00		 
Misc. Concrete Encasement-Detail "E"	EA	\$750.00		\$ 
service Per Note Const. Nos. 49 & 53A Remove Exist. 8" GV/Install Blind Flange &	EA	\$1,500.00		\$ 
Close Corp. Stop, Remove interfering	EA	\$1,000.00		\$ 
Close Corp. Stop, Remove interfering service Per Note Const. Nos. 41 & 53	EA	\$1,000.00		\$ -
Remove & Salvage Pressure Reducing	EA	\$2,000.00		\$ -
Waterline/Utility Crossing	EA	\$4,000.00		\$ -
Blind Flange & Thrust Block	EA	\$1,500.00		\$ -
8"X6" DI Reducer, CI 350 (Reclaimed)	EA	\$500.00	1	\$ 500.00
12"X8" DI Reducer, CI 350	EA	\$500.00		\$ -
8" DI Fitting - 90° (Reclaimed)	EA	\$500.00	3	\$ 1,500.00
8" DI Fitting - 90°	EA	\$500.00		\$ -
8" DI Fitting - 45°	EA	\$500.00		\$ -
8"X8"x8" DI Tee (Reclaimed)	EA	\$1,000.00	1	\$ 1,000.00
8"X8"x8" DI Tee	EA	\$1,000.00		\$ -
Service, 2"	EA	\$3,400.00		 
Service, 1 1/2"	EA	\$2,900.00		\$ -
Service, 1" - Zone 5	EA	\$2,500.00		\$ -
Service, 1" - Zone 6	EA	\$2,500.00		\$ _
Hot Tap, 12"	EA	\$4,750.00		 
Hot Tap, 10"	EA	\$3,900.00		 

With O. Broug PREPARED BY:

Willaim D. Brooks, P.E.

WET STAMP & DATE

Armstrong & Brooks Consulting Engineers

(951) 372-8400 x114 / bill@armstrongbrooks.com



## **Forest Park Homesites**

OPINION OF PROBABLE COST- LANDSCAPE AND IRRIGATION PROJECT NUMBER: VAL 131 Note: Opinion is approximate and subject to change

1.10.22



				Tusun, CA 92780
Square Footage:	Qty.	Unit Cost	Subtotal:	Total:
1,174,254 (26 acres)		\$0.35	\$410,988.90	
otal:				\$410,988.90
	398	\$110.00	\$43,780.00	
	306	\$200.00	\$61,200.00	
	37	\$1,000.00	\$37,000.00	
1,174,254 (26 acres)		\$0.55	\$645,839.70	
	500	\$14.00	\$7,000.00	
	600	\$9.00	\$5,400.00	
-	1,174,254 (26 acres) otal: 1,174,254	1,174,254 (26 acres) otal: 398 306 37 1,174,254 (26 acres) 500	1,174,254       \$0.35         (26 acres)       398         398       \$110.00         306       \$200.00         37       \$1,000.00         1,174,254       \$0.55         (26 acres)       500         500       \$14.00	1,174,254       \$0.35       \$410,988.90         (26 acres)       398       \$110.00       \$43,780.00         306       \$200.00       \$61,200.00         37       \$1,000.00       \$37,000.00         1,174,254       \$0.55       \$645,839.70         (26 acres)       500       \$14.00       \$7,000.00

#### Planting subtotal:

Grand total:

#### \$800,219.70

\$1,211,208.60

