



## FAITHFUL PERFORMANCE BOND

CITY OF MENIFEE, STATE OF CALIFORNIA

(Government Code Section 66499.1)

FOR: Streets / Drainage	\$ 4,779,500.00	Tract Map	31822-F
Water System	\$ 711,500.00	Other Proj. Ref.	
Rec. Water System	\$ 50,000.00	Bond No.	TM5224867
Sewer System	\$ 635,000.00	Premium	\$35,203.00 USD
Total	\$ 6,176,000.00		

Surety The Guarantee Company of North America USA

Address One Town Square

City/State Southfield, MI

Zip code 48076

Phone (248)-281-0281

Principal Sutter Mitland 01, LLC

Address 3200 Park Center Dr., Suite 1000

City/State Costa Mesa, CA

Zip 92626

Phone (714) 427-6868

WHEREAS, the City of Menifee, State of California, and **Sutter Mitland 01, LLC** (hereinafter designated as "principal") have entered into, or are about to enter into, the attached agreement(s) whereby principal agrees to install and complete the above designated public improvements relating to **TM 31822-F**, which agreement(s) is/are hereby referred to and made a part hereof; and,

WHEREAS, said principal is required under the terms of said agreement(s) to furnish bond(s) for the faithful performance of said agreement(s);

NOW, THEREFORE, we the principal and The Guarantee Company of North America USA, as surety, are held and firmly bound unto the City of Menifee in the penal sum of **Six Million One Hundred Seventy-Six Thousand ----- 00/100, Dollars, \$ 6,176,000.00** lawful money of the United States, for the payment of which sum will and truly be made, we bind ourselves, our heirs, successors, executors and administrators, jointly and severally, firmly by these presents.

The condition of this obligation is such that if the above bonded principal, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and provisions in the said agreement and any alteration thereof made as therein provided, on his or their part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the City of Menifee, its officers, agents and employees, as therein stipulated, then this obligation shall become null and void; otherwise, it shall remain in full force and effect.

As a part of the obligation secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

# FAITHFUL PERFORMANCE BOND



The surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of this agreement or to the work to be performed there under or the specifications accompanying the same shall in anywise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition. Surety further stipulates and agrees that the provisions of Section 2845 of the Civil Code and commencement of construction are not conditions precedent to surety's obligations hereunder and are hereby waived by surety.

When the work covered by the agreement is complete, the City of Menifee will accept the work and thereupon, the amount of the obligation of this bond is reduced by 90% with the remaining 10% held as security for the one-year maintenance period provided for in the agreements(s).

IN WITNESS WHEREOF, this instrument has been duly executed by the principal and surety above named, on **April 17<sup>th</sup>, 2019**.

NAME OF PRINCIPAL: **Sutter Mitland 01, LLC**

AUTHORIZED SIGNATURE(S):

By:   
Name: David E. Bartlett  
Title: Vice President

(IF CORPORATION, AFFIX SEAL)

NAME OF SURETY: **The Guarantee Company of North America USA**

AUTHORIZED SIGNATURE:   
Debra Watterson, Attorney-In-Fact

(IF CORPORATION, AFFIX SEAL)

**ATTACH NOTARIAL ACKNOWLEDGMENT OF SIGNATURES OF PRINCIPAL AND ATTORNEY-IN-FACT.**

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

STATE OF CALIFORNIA                     )  
   )  
COUNTY OF Orange                     )                     ss.

On April 24, 2019, before me, Meagan Knecht  
\_\_\_\_\_, Notary Public, personally appeared David E. Bartlett  
\_\_\_\_\_, 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.



  
\_\_\_\_\_  
Notary Public



**MATERIAL AND LABOR BOND**  
CITY OF MENIFEE, STATE OF CALIFORNIA  
(Government Code Section 66499.1)

FOR: Streets / Drainage   \$ <u>2,389,750.00</u> Water System           \$ <u>355,750.00</u> Rec. Water System   \$ <u>25,000.00</u> Sewer System         \$ <u>317,500.00</u> Total                   \$ <u>3,088,000.00</u>	Parcel Map <u>31822-F</u> Other Proj. Ref. _____ Bond No. <u>TM5224867</u> Premium <u>Included with performance</u>
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Surety <u>The Guarantee Company of North America USA</u> Address <u>One Town Square, Suite 1470</u> City/State <u>Southfield, MI</u> Zip <u>48076</u> Phone <u>(248)-281-0281</u>	Principal <u>Sutter Mitland 01, LLC</u> Address <u>3200 Park Center Dr., Suite 1000</u> City/State <u>Costa Mesa, CA</u> Zip <u>92626</u> Phone <u>(714) 427-6868</u>
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WHEREAS, the City of Menifee, State of California, and **Sutter Mitland 01, LLC**, (hereinafter designated as "principal") have entered into, or are about to enter into, the attached agreement(s) whereby principal agrees to install and complete the above designated public improvements relating to **TR 31822-F**, which agreement(s) is/are hereby referred to and made a part hereof; and,

WHEREAS, under the terms of said agreement, principal is required, before entering upon the performance of the work, to file a good and sufficient payment bond with the City of Menifee to secure the claims to which reference is made in Title 15 (commencing with Section 3082) of Part 4 of Division 3 of the Civil Code of the State of California;

NOW, THEREFORE, said principal and the undersigned, as corporate surety, are held firmly unto the City of Menifee and all contractors, subcontractors, laborers, material persons and other persons employed in the performance of said Civil Code in the sum of **Three Million Eighty-Eight Thousand ----- 00/100**, Dollars, **\$ 3,088,000.00** for materials furnished or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to such work or labor, that said surety will pay the same in an amount not exceeding the amount hereinabove set forth, and also in case suit is brought upon this bond, will pay, in addition to the face amount thereof, costs and reasonable expenses and fees, including reasonable attorney's fees, incurred by the City in successfully enforcing such obligation, to be awarded and fixed by the court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed upon that this bond shall inure to the benefit of any and all persons, companies and corporations entitled to full claims under Title 15 (commencing with Section 3082) of Part 4 of Division 3 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void; otherwise, it shall be and remain in full force and effect.

## MATERIAL AND LABOR BOND

The surety hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of this agreement or to the specifications accompanying the same shall in anywise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition. Surety further stipulates and agrees that the provisions of Section 2845 of the Civil Code are not a condition precedent to surety's obligations hereunder and are hereby waived by surety.

IN WITNESS WHEREOF, this instrument has been duly executed by the principal and surety above named, on **April 17<sup>th</sup>, 2019**.

NAME OF PRINCIPAL: **Sutter Mitland 01, LLC**

AUTHORIZED SIGNATURE(S):

By:




Name:

Title:

(IF CORPORATION, AFFIX SEAL)

NAME OF SURETY: **The Guarantee Company of North America USA**

AUTHORIZED SIGNATURE:



Debra Watterson, Attorney-In-Fact

(IF CORPORATION, AFFIX SEAL)

**ATTACH NOTARIAL ACKNOWLEDGMENT OF SIGNATURES OF PRINCIPAL AND ATTORNEY-IN-FACT.**

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

STATE OF CALIFORNIA                     )  
  )  
COUNTY OF Orange                     )                     ss.

On April 24, 2019, before me, Meagan Knecht  
\_\_\_\_\_, Notary Public, personally appeared Dana E. Barnett  
\_\_\_\_\_, 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.



  
\_\_\_\_\_  
Notary Public

## 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 Michigan  
County of Oakland )

On 4/17/2019 before me, Lora O'Brien  
(insert name and title of the officer)

personally appeared Debra Watterson  
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



Lora O'Brien

(Seal)

Lora O'Brien  
Notary Public, State of Michigan  
County of Oakland  
My Commission Expires April 21, 2024  
Acting in Oakland County



**The Guarantee Company of North America USA**  
Southfield, Michigan

**POWER OF ATTORNEY**

**NOW ALL BY THESE PRESENTS:** That **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, a corporation organized and existing under the laws of the State of Michigan, having its principal office in Southfield, Michigan, does hereby constitute and appoint

Debra Watterson, Edward G. Woods, Kathleen Runestad, Lora O'Brien, Sara Schrauben, Jeffrey Jubera,  
Katie Coalson, Edward DeVries, Dwight Teter, Casey M. Strohauser, Montina Cenance, Olga Tasselmyer  
The Guarantee Company of North America USA

its true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise.

The execution of such instrument(s) in pursuance of these presents, shall be as binding upon **THE GUARANTEE COMPANY OF NORTH AMERICA USA** as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at the principal office.

The Power of Attorney is executed and may be certified so, and may be revoked, pursuant to and by authority of Article IX, Section 9.03 of the By-Laws adopted by the Board of Directors of **THE GUARANTEE COMPANY OF NORTH AMERICA USA** at a meeting held on the 31<sup>st</sup> day of December, 2003. The President, or any Vice President, acting with any Secretary or Assistant Secretary, shall have power and authority:

1. To appoint Attorney(s)-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof; and
2. To revoke, at any time, any such Attorney-in-fact and revoke the authority given, except as provided below
3. In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.
4. In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner – Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of the Company adopted at a meeting duly called and held on the 6th day of December 2011, of which the following is a true excerpt:

RESOLVED that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any Power of Attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, contracts of indemnity and other writings obligatory in the nature thereof, and such signature and seal when so used shall have the same force and effect as though manually affixed.

IN WITNESS WHEREOF, **THE GUARANTEE COMPANY OF NORTH AMERICA USA** has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, this 1st day of March, 2018.



**THE GUARANTEE COMPANY OF NORTH AMERICA USA**

**STATE OF MICHIGAN**  
**County of Oakland**

**Stephen C. Ruschak, President & Chief Operating Officer**

**Randall Musselman, Secretary**

On this 1st day of March, 2018 before me came the individuals who executed the preceding instrument, to me personally known, and being by me duly sworn, said that each is the herein described and authorized officer of The Guarantee Company of North America USA; that the seal affixed to said instrument is the Corporate Seal of said Company; that the Corporate Seal and each signature were duly affixed by order of the Board of Directors of said Company.



Cynthia A. Takai  
Notary Public, State of Michigan  
County of Oakland  
My Commission Expires February 27, 2024  
Acting in Oakland County

IN WITNESS WHEREOF, I have hereunto set my hand at The Guarantee Company of North America USA offices the day and year above written.

I, Randall Musselman, Secretary of **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney executed by **THE GUARANTEE COMPANY OF NORTH AMERICA USA**, which is still in full force and effect.



IN WITNESS WHEREOF, I have thereunto set my hand and attached the seal of said Company this 17th day of April, 2019

**Randall Musselman, Secretary**



**THE GUARANTEE COMPANY OF NORTH AMERICA USA**

*Home Office, Southfield, Michigan*

**STATUTORY BALANCE SHEET**

*December 31, 2018*

**ASSETS**

Cash and Short-Term Investments	\$ 88,508,407
Marketable Securities	151,857,941
Premium and Agents Balances (under 90 days)	5,007,524
Reinsurance Receivable on paid losses	529,666
Accrued Interest and Dividends	812,435
Net Deferred Tax Asset	1,637,933
Other Assets	<u>1,195,275</u>
Total Admitted Assets	<u>\$249,549,181</u>

**LIABILITIES**

Reserve for Losses and Loss Adjustment Expenses	\$ 9,077,422
Unearned Premium Reserve	22,744,950
Accrued Expenses	4,210,825
Ceded Reinsurance Premiums Payable	1,207,940
Taxes, Licenses and Fees Payable	374,668
Federal Income Tax Payable	296,413
Funds Held	9,869,832
Other Liabilities	<u>1,844,929</u>
Total Liabilities	<u>\$ 49,626,979</u>

**CAPITAL AND SURPLUS**

Common Stock and Paid-In Capital	\$144,020,970
Surplus	<u>55,901,232</u>
Total Policyholders' Surplus	<u>\$199,922,202</u>
Total Liabilities, Capital and Surplus	<u>\$249,549,181</u>

State of Michigan  
County of Oakland

Stephen C. Ruschak being duly sworn, says: That he is the President & COO of The Guarantee Company of North America USA; that said company is a corporation duly organized, existing, and engaged in business as a surety by virtue of the laws of the State of Michigan, and has duly complied with all the requirements of the laws of said state applicable to said company and is duly qualified to act as surety under such laws; that said company has also complied with and is duly qualified to act as surety under the Act of Congress of July 30, 1947, as amended (6 U.S.C. 6-13); that the foregoing is a full, true and correct statement of the financial condition of said company on the 31<sup>st</sup> day of December 2018.

Sworn to before me this 19th day of March 2019.

*Cynthia A. Takai*  
Notary

Cynthia A. Takai  
Notary Public, State of Michigan  
County of Oakland

My Commission Expires February 27, 2024  
Acting in Oakland County

*Stephen C. Ruschak*  
Stephen C. Ruschak, President & COO



APPROVED  
4-11-19 CNN

## CITY OF MENIFEE ENGINEERING DEPARTMENT CONSTRUCTION COST WORKSHEET


PARCEL MAP OR TRACT MAP NO. 31822-F

DATE: 4/4/2019  
IP: 17-017

IMPROVEMENTS	ONSITE	OFFSITE	FAITHFUL PERFORMANCE	MATERIAL & LABOR
			SECURITY (100% of Estimated Construction Costs)	SECURITY (**50% of Estimated Construction Costs)
Street/Drainage	\$ 3,592,277.11	\$ 1,187,075.65	\$ 4,779,500.00	\$ 2,389,750.00
*Flood Control	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Dom Wtr EMWD	\$ 622,392.00	\$ 88,860.00	\$ 711,500.00	\$ 355,750.00
Rec Wtr EMWD	\$ 49,881.60	\$ 0.00	\$ 50,000.00	\$ 25,000.00
Sewer EMWD	\$ 579,666.00	\$ 55,284.00	\$ 635,000.00	\$ 317,500.00
Total	<u>4,844,216.71</u>	<u>1,331,219.65</u>	<u>\$ 6,176,000.00</u>	<u>\$ 3,088,000.00</u>
Warranty Retention (10%)			<u>\$ 617,600.00</u>	

### DESIGN ENGINEER'S CALCULATION OF IMPROVEMENT BONDING COSTS

Construction items and their quantities, as shown on the attached sheets, are accurate for the improvements required to construct the above project and the mathematical extensions, using City's unit costs, are accurate for determining bonding costs

  
\_\_\_\_\_  
Signature  
James R. Bolton  
\_\_\_\_\_  
Name Typed or printed

4.4.19  
\_\_\_\_\_  
Date  
30236  
\_\_\_\_\_  
RCE#



Civil Engineer's Stamp

\*Flood Control Construction Cost Estimate to be provided by Flood Control District. Provide a copy of Flood Control District letter stating cost estimate.

### **\*\*\* PLEASE READ INSTRUCTIONS BELOW \*\*\***

1. Quantities are to be taken from the Improvement Plans. Unit cost are to be as provided on "City of Menifee Improvement Requirement Worksheet."
2. Show Performance Bond Amounts to the nearest \$500.00. Material and Labor Bond Amounts are 50% of Performance Bond Amounts. \*\*100% for Flood Control items.
3. For Construction items not covered by "The City of Menifee Improvement Requirements Worksheet", Design Engineer is to provide his opinion of construction cost and use that cost. If City of Menifee Unit Costs are determined to be too low, in the opinion of the design engineer, the higher costs as provided by the Design Engineer should be used.

**CITY OF MENIFEE ENGINEERING DEPARTMENT  
IMPROVEMENT REQUIREMENT WORKSHEET  
STREET & DRAINAGE IMPROVEMENTS**

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
<b>ROADWAY SECTION 1</b>	Area =	-	SF	
Excavation				
1. Projects with Grading Plan for Roadway Area x 0.50' (hinge point to hinge point)	-	CY	\$ 25.00	\$ 0.00
2. Projects without a Grading Plan	Cut (c) =	CY		
Road area and side slopes to daylight	Fill (f) =	CY		
If balance, provide (a.) only, either cut or fill If export, provide (a.)&(b.) a = fill, b = cut - fill If import, provide (a)&(c), a = cut, c = fill - cut (Unit costs for (a),(b), & (c) are 20% of actual costs to assure that work will be corrected to eliminate hazardous conditions.)				
(a) Excavate and Fill		CY	\$ 0.40	\$ 0.00
(b) Excavate and Export		CY	\$ 1.10	\$ 0.00
(c) Import and Fill		CY	\$ 2.80	\$ 0.00
Asphalt Concrete (144 lbs/cu.ft) (239,314 SF)	5,686	TON	\$ 90.00	\$ 511,749.06
Thickness in Feet (0.33' MIN) =				
Agg Base Class II (239,314 SF)	4,432	CY	\$ 50.00	\$ 221,587.04
Thickness in Feet (0.50' MIN) =				
Asphalt Emulsion (Fog Seal/Paint Binder)		Ton	\$ 600.00	\$ 0.00
Sawcut Exist AC Pavement		LF	\$ 1.00	\$ 0.00
Cold Plane AC Pavement		SF	\$ 0.50	\$ 0.00
Grinding AC, in place		SY	\$ 0.60	\$ 0.00
Remove AC Pavement		SY	\$ 8.00	\$ 0.00
Remove Curb & Gutter		LF	\$ 18.00	\$ 0.00
Remove AC Dike		LF	\$ 3.00	\$ 0.00
Remove Chain Link Fence		LF	\$ 7.50	\$ 0.00
Remove Barricade		LF	\$ 10.00	\$ 0.00
Relocate Mailbox		EA	\$ 250.00	\$ 0.00
AC overlay (Min 0.10')	206	SF	\$ 0.90	\$ 185.40
Curb and Gutter (Type A-6)	13,100	LF	\$ 14.00	\$ 183,400.00
Curb and Gutter (Type A-8)		LF	\$ 16.00	\$ 0.00
Type "C" Curb		LF	\$ 12.00	\$ 0.00
Type "D-1" Curb		LF	\$ 10.00	\$ 0.00
Type "D" Curb	192	LF	\$ 15.00	\$ 2,880.00
AC Dike (6")(incl material & labor)		LF	\$ 8.00	\$ 0.00
AC Dike (8")(incl material & labor)		LF	\$ 10.00	\$ 0.00
PCC Cross Gutter and Spandrels	7,439	SF	\$ 10.00	\$ 74,390.00
PCC Sidewalk	72,432	SF	\$ 6.00	\$ 434,592.00
PCC Driveway Approach		SF	\$ 8.00	\$ 0.00
PCC Dip Section Std 307		SF	\$ 6.00	\$ 0.00
ADA Access Ramp (w/ new construction)	16	EA	\$ 1,500.00	\$ 24,000.00
ADA Access Ramp (in existing improvements)		EA	\$ 2,500.00	\$ 0.00
Barricades		LF	\$ 100.00	\$ 0.00
Metal Beam Guard Railing		LF	\$ 35.00	\$ 0.00
Utility Trench, one side (Edison, Telephone, Cable) (total length of Streets)	7,468	LF	\$ 10.00	\$ 74,680.00

ITEM	QUANTITY	UNIT	UNIT	AMOUNT
Chain Link Fence ( 6' )		LF	\$ 15.00	\$ 0.00
Relocate Fence		LF	\$ 12.00	\$ 0.00
Pipe Gate		EA	\$ 1,000.00	\$ 0.00
Relocate Power Pole		EA	\$ 10,000.00	\$ 0.00
Street Lights (including conduit)	51	EA	\$ 5,000.00	\$ 255,000.00
Adjust Water Valve to Grade ( if no water plan )		EA	\$ 150.00	\$ 0.00
Adjust MH to Grade ( if no sewer plan )		EA	\$ 400.00	\$ 0.00
6" to 11" Curb Transition		LF	\$ 16.00	\$ 0.00
Gutter Depression for Curb Opening Catch Basin	16	EA	\$ 1,000.00	\$ 16,000.00
<b>LANDSCAPING</b>				
Maintenance Walk STD 113		SF	\$ 4.00	\$ 0.00
Colored Stamped Concrete		SF	\$ 10.00	\$ 0.00
Street Trees ( 15 Gallon )	147	EA	\$ 100.00	\$ 14,700.00
Landscape and Irrigation		SF	\$ 3.50	\$ 0.00
Landscape Fill Material		CY	\$ 27.00	\$ 0.00
Water Meter		EA	\$ 7,000.00	\$ 0.00
Electric Meter		SF	\$ 10,000.00	\$ 0.00
Remove trees		EA	\$ 3,000.00	\$ 0.00
<b>OFF-SITE STREET IMPROVEMENTS</b>				
Asphalt Concrete (144 lbs/cu.ft) (84,451 SF) Thickness in Feet (0.33' MIN) =	2,007	TON	\$ 91.00	\$ 182,596.57
Agg Base Class II (84,451 SF) Thickness in Feet (0.50' MIN) =	1,564	CY	\$ 51.00	\$ 79,759.28
Curb and Gutter (Type A-6)	4697	LF	\$ 14.00	\$ 65,758.00
Type "D" Curb	922	LF	\$ 15.00	\$ 13,830.00
PCC Cross Gutter and Spandrels	2309	SF	\$ 10.00	\$ 23,090.00
PCC Sidewalk	17,690	SF	\$ 6.00	\$ 106,140.00
ADA Access Ramp (w/ new construction)	7	EA	\$ 1,500.00	\$ 10,500.00
Street Trees ( 15 Gallon )	15	EA	\$ 100.00	\$ 1,500.00
Gutter Depression for Curb Opening Catch Basin	2	EA	\$ 1,000.00	\$ 2,000.00
<b>DRAINAGE</b>				
Concrete Bulkhead		EA	\$ 200.00	\$ 0.00
Slope Anchors for Pipes		EA	\$ 300.00	\$ 0.00
Cut Off Wall ( Std 2' )		CY	\$ 400.00	\$ 0.00
A C Overside Drain		EA	\$ 500.00	\$ 0.00
Under Sidewalk Drain Std 309		EA	\$ 2,000.00	\$ 0.00
Flat Outlet Drainage Structure Std 303		EA	\$ 2,000.00	\$ 0.00
Curb Outlet Drainage Structure Std 308	2	EA	\$ 2,000.00	\$ 4,000.00
Terrace Drain & Down Drain		SF	\$ 6.50	\$ 0.00
Interceptor Drain		SF	\$ 6.50	\$ 0.00
RC Box Culvert (2 - 3'X5' )		CY	\$ 400.00	\$ 0.00
Concrete Channel		CY	\$ 200.00	\$ 0.00
Rip Rap ( 1/4 Ton ) Methob B ( 1.9 tons /CY)		CY	\$ 80.00	\$ 0.00
Rip Rap ( 1/2 Ton ) Method B		CY	\$ 90.00	\$ 0.00
Rip Rap ( 1 Ton ) Method B		CY	\$ 100.00	\$ 0.00
Rip Rap ( 2 Ton ) Method B		CY	\$ 110.00	\$ 0.00
Grouted Rip Rap ( 1/4 Ton ) Method B		CY	\$ 100.00	\$ 0.00
Grouted Rip Rap ( 1/2 Ton ) Method B		CY	\$ 120.00	\$ 0.00
Grouted Rip Rap ( 1 Ton ) Method B		CY	\$ 130.00	\$ 0.00
Grouted Rip Rap ( 2 Ton ) Method B		CY	\$ 140.00	\$ 0.00
18" RCP round, arch or elliptical	455	LF	\$ 113.00	\$ 51,415.00

ITEM	QUANTITY	UNIT	UNIT	AMOUNT
24" RCP round, arch or elliptical	916	LF	\$ 132.00	\$ 120,912.00
30" RCP round, arch or elliptical	604	LF	\$ 153.00	\$ 92,412.00
36" RCP round, arch or elliptical	58	LF	\$ 178.00	\$ 10,324.00
42" RCP round, arch or elliptical	1425	LF	\$ 204.00	\$ 290,700.00
48" RCP round, arch or elliptical	810	LF	\$ 235.00	\$ 190,350.00
18" CSP or HDPE N12		LF	\$ 40.00	\$ 0.00
24" CSP or HDPE N12		LF	\$ 50.00	\$ 0.00
30" CSP or HDPE N12		LF	\$ 60.00	\$ 0.00
36" CSP or HDPE N12		LF	\$ 70.00	\$ 0.00
42" CSP or HDPE N12		LF	\$ 80.00	\$ 0.00
48" CSP or HDPE N12		LF	\$ 100.00	\$ 0.00
Catch Basin W=4'		EA	\$ 2,500.00	\$ 0.00
Catch Basin W=7'		EA	\$ 4,000.00	\$ 0.00
Catch Basin W=10'		EA	\$ 5,500.00	\$ 0.00
Catch Basin W=14'	9	EA	\$ 7,500.00	\$ 67,500.00
Catch Basin W=21'	5	EA	\$ 11,000.00	\$ 55,000.00
Catch Basin W=28'	2	EA	\$ 14,500.00	\$ 29,000.00
Inlet Type IX or X		EA	\$ 2,500.00	\$ 0.00
Junction Structure No. 1		EA	\$ 3,500.00	\$ 0.00
Junction Structure No. 2	1	EA	\$ 4,500.00	\$ 4,500.00
Junction Structure No. 4		EA	\$ 4,500.00	\$ 0.00
Junction Structure No. 6		EA	\$ 5,000.00	\$ 0.00
Transition Structure No. 1		EA	\$ 12,500.00	\$ 0.00
Transition Structure No. 2		EA	\$ 12,500.00	\$ 0.00
Transition Structure No. 3	1	EA	\$ 4,500.00	\$ 4,500.00
Manhole No. 1	4	EA	\$ 5,000.00	\$ 20,000.00
Manhole No. 2	6	EA	\$ 6,500.00	\$ 39,000.00
Manhole No. 3		EA	\$ 2,700.00	\$ 0.00
Headwall for 36" or smaller storm drain		EA	\$ 3,500.00	\$ 0.00
Junction Structure No. 4		EA	\$ 4,500.00	\$ 0.00
Concrete Drop Inlet		EA	\$ 2,000.00	\$ 0.00
Concrete Collar	3	EA	\$ 300.00	\$ 900.00
Special Connection to Catch Basin		EA	\$ 500.00	\$ 0.00
RCP Riser		EA	\$ 5,000.00	\$ 0.00
Timber Bulkhead		EA	\$ 200.00	\$ 0.00
<b>OFF-SITE DRAINAGE</b>				
18" RCP round, arch or elliptical	227	LF	\$ 113.00	\$ 25,651.00
36" RCP round, arch or elliptical	605	LF	\$ 178.00	\$ 107,690.00
42" RCP round, arch or elliptical	997	LF	\$ 204.00	\$ 203,388.00
Catch Basin W=10'	1	EA	\$ 5,500.00	\$ 5,500.00
Catch Basin W=14'	4	EA	\$ 7,500.00	\$ 30,000.00
Catch Basin W=21'	2	EA	\$ 11,000.00	\$ 22,000.00
Junction Structure No. 2	2	EA	\$ 4,500.00	\$ 9,000.00
Manhole No. 2	3	EA	\$ 6,500.00	\$ 19,500.00
Manhole No. 4	3	EA	\$ 6,500.00	\$ 19,500.00
<b>SIGNING, STRIPING AND SIGNALS</b>				
Remove Painted Traffic Stripes and Markings		SF	\$ 2.50	\$ 0.00
4" Painted Solid Stripes		LF	\$ 0.21	\$ 0.00
4" Painted Solid Stripes (2 Coats )		LF	\$ 0.30	\$ 0.00
4" Painted Broken Stripes		LF	\$ 0.16	\$ 0.00
4" Painted Double Solid Stripes		LF	\$ 0.47	\$ 0.00

ITEM	QUANTITY	UNIT	UNIT	AMOUNT
6" Painted Bike Lane Stripes		LF	\$ 0.65	\$ 0.00
8" Painted Channelizing Line		LF	\$ 0.82	\$ 0.00
12" Painted Crosswalk & Limit Line		LF	\$ 1.30	\$ 0.00
Painted One-Way, No Passing		LF	\$ 0.36	\$ 0.00
Painted Two-Way Left Turn Lane		LF	\$ 0.82	\$ 0.00
Painted Pavement Markings		SF	\$ 2.70	\$ 0.00
Remove Thermoplastic Traffic Stripes and Markings		SF	\$ 2.50	\$ 0.00
4" Thermoplastic Solid Stripes		LF	\$ 0.52	\$ 0.00
4" Thermoplastic Broken Stripes		LF	\$ 0.47	\$ 0.00
4" Thermoplastic Double Solid Stripes		LF	\$ 0.83	\$ 0.00
6" Thermoplastic Bike Lane Stripes		LF	\$ 0.63	\$ 0.00
8" Thermoplastic Channelizing Line		LF	\$ 0.78	\$ 0.00
12" Thermoplastic Crosswalk & Limit Line		LF	\$ 0.97	\$ 0.00
Thermoplastic One-Way, No Passing		LF	\$ 1.13	\$ 0.00
Thermoplastic Two-Way Left Turn Lane		LF	\$ 2.83	\$ 0.00
Thermoplastic Pavement Markings		SF	\$ 3.61	\$ 0.00
Marking		SF	\$ 2.25	\$ 0.00
Thermoplastic Cross Walk and Pavement Marking	400	SF	\$ 3.00	\$ 1,200.00
Remove, Sign, Salvage		EA	\$ 50.00	\$ 0.00
Relocate Roadside Sign		EA	\$ 100.00	\$ 0.00
Street Name Sign	10	EA	\$ 275.00	\$ 2,750.00
Install Sign & Post ( Strap and Saddle Bracket Method)		EA	\$ 250.00	\$ 0.00
Install Sign (Mast Arm Hanger Method)		EA	\$ 425.00	\$ 0.00
Stop Sign & Post	9	EA	\$ 250.00	\$ 2,250.00
Road Sign on existing pole / post (One Post)		EA	\$ 150.00	\$ 0.00
Road Sign on existing pole / post (Two Post)		EA	\$ 300.00	\$ 0.00
Object Marker - Modified Type "F" Delineator		EA	\$ 60.00	\$ 0.00
Delineator ( Class 1 Type F)		EA	\$ 40.00	\$ 0.00
Delineator ( Class 2 )		EA	\$ 45.00	\$ 0.00
Pavement Marker, Reflective	24	EA	\$ 3.75	\$ 90.00
New Traffic Signal & Lighting (Minor Intersection)		LS	\$ 150,000.00	\$ 0.00
Retrofit of Ex. Traffic Signal & Lighting		LS	\$ 100,000.00	\$ 0.00
6' Round Signal Loops		EA	\$ 450.00	\$ 0.00
Install Pull Box (#5)		EA	\$ 400.00	\$ 0.00
Install Pull Box (#6)		EA	\$ 500.00	\$ 0.00
2" PVC Interconnect Conduit & Cable		LF	\$ 25.00	\$ 0.00
3" PVC Interconnect Conduit & Cable		LF	\$ 30.00	\$ 0.00
3" PVC Conduit & Fiber Optic Cable		LF	\$ 35.00	\$ 0.00
			\$	\$ 0.00
Survey		LS	\$ 8,000.00	\$ 0.00
Design/submittals/review		LS	\$ 40,000.00	\$ 0.00
Mobilization		LS	\$ 30,000.00	\$ 0.00
Traffic Control		LS	\$ 15,000.00	\$ 0.00
	A	<b>Subtotal</b>		<b>\$ 3,733,869.35</b>
	B	Administrative Contingency (20% x A)		\$ 746,773.87
	C	CM - Inspection - LC (8%)		\$ 298,709.55
	D	<b>Streets/Drainage Total (A + B + C)</b>		<b>\$ 4,779,352.76</b>
		PRIOR TO HAVING SIGNED PLANS		
	E	20% x D		\$
	F	<b>Streets/Drainage Total (D + E)</b>		<b>\$ 4,779,352.76</b>



**CITY OF MENIFEE ENGINEERING DEPARTMENT  
IMPROVEMENT REQUIREMENT WORKSHEET  
DOMESTIC WATER IMPROVEMENTS**

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
4" Waterline PVC C-900 DR-18		LF	\$ 25.00	\$ 0.00
6" Waterline PVC C-900 DR-18		LF	\$ 30.00	\$ 0.00
8" Waterline PVC C-900 DR-18	6,458	LF	\$ 35.00	\$ 226,030.00
12" Waterline PVC C-900 DR-18		LF	\$ 55.00	\$ 0.00
16" Waterline PVC C-905 DR-18		LF	\$ 90.00	\$ 0.00
18" Waterline PVC C-905 DR-18		LF	\$ 135.00	\$ 0.00
20" Waterline PVC C-905 DR-18		LF	\$ 180.00	\$ 0.00
24" Waterline PVC C-905 DR-18		LF	\$ 235.00	\$ 0.00
4" Gate Valve RS		EA	\$ 715.00	\$ 0.00
6" Gate Valve RS		EA	\$ 830.00	\$ 0.00
8" Gate Valve RS	22	EA	\$ 1,340.00	\$ 29,480.00
12" Gate Valve RS		EA	\$ 2,300.00	\$ 0.00
16" Gate Valve RS		EA	\$ 6,270.00	\$ 0.00
18" Gate Valve RS		EA	\$ 14,300.00	\$ 0.00
24" Butterfly Valve		EA	\$ 15,000.00	\$ 0.00
6" Fire Hydrant (Standard)	24	EA	\$ 4,000.00	\$ 96,000.00
6" Fire Hydrant (Super)		EA	\$ 4,500.00	\$ 0.00
4" Blowoff		EA	\$ 3,500.00	\$ 0.00
6" Blowoff	3	EA	\$ 4,000.00	\$ 12,000.00
1" Air and Vacuum Valve	12	EA	\$ 2,400.00	\$ 28,800.00
2" Air and Vacuum Valve		EA	\$ 4,000.00	\$ 0.00
1" Service Connection ( No Meter)	147	EA	\$ 800.00	\$ 117,600.00
1-1/2" Service Connection ( No Meter)		EA	\$ 2,480.00	\$ 0.00
2" Service Connection ( No Meter)		EA	\$ 2,780.00	\$ 0.00
4" Service Connection ( No Meter)		EA	\$ 4,500.00	\$ 0.00
Adjust Water Valve to Grade		EA	\$ 200.00	\$ 0.00
Removal of Blowoff	2	EA	\$ 500.00	\$ 1,000.00
Join at existing end of 8" pipe	2	EA	\$ 2,500.00	\$ 5,000.00
1" Hot Tap		EA	\$ 1,000.00	\$ 0.00
4" Hot Tap		EA	\$ 1,430.00	\$ 0.00
6" Hot Tap		EA	\$ 1,750.00	\$ 0.00
8" Hot Tap		EA	\$ 2,200.00	\$ 0.00
12" Hot Tap		EA	\$ 3,150.00	\$ 0.00
8" Misc Fittings	21	EA	\$ 250.00	\$ 5,250.00
<b>OFF-SITE POTABLE WATER IMPROVEMENTS</b>				
8" Waterline PVC C-900 DR-18	890	LF	\$ 35.00	\$ 31,150.00
8" Gate Valve RS	10	EA	\$ 1,340.00	\$ 13,400.00
6" Fire Hydrant (Standard)	3	EA	\$ 4,000.00	\$ 12,000.00
1" Air and Vacuum Valve	3	EA	\$ 2,400.00	\$ 7,200.00
1" Service Connection ( No Meter)	6	EA	\$ 800.00	\$ 4,800.00
Adjust Water Valve to Grade		EA	\$ 200.00	\$ 0.00
Removal of Blowoff	1	EA	\$ 500.00	\$ 500.00
Join at existing end of 8" pipe	1	EA	\$ 2,500.00	\$ 2,500.00
8" Misc Fittings	10	EA	\$ 250.00	\$ 2,500.00

	A	Subtotal	\$	592,710.00
	B	Administrative Contingency (20% x A)	\$	118,542.00
	C	Water Total (A + B)	\$	711,252.00
		BOND AMOUNT FOR RECORDATION PRIOR TO HAVING SIGNED PLANS ( ORD.460, SEC. 10.3E)		
	D	20% x C	\$	
	E	Water Total (C + D)	\$	711,252.00



**CITY OF MENIFEE ENGINEERING DEPARTMENT  
IMPROVEMENT REQUIREMENT WORKSHEET  
RECYCLED WATER IMPROVEMENTS**

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
4" Waterline PVC C-900 DR-18 Purple		LF	\$ 25.00	\$ 0.00
6" Waterline PVC C-900 DR-18 Purple		LF	\$ 30.00	\$ 0.00
8" Waterline PVC C-900 DR-18 Purple	656	LF	\$ 35.00	\$ 22,960.00
12" Waterline PVC C-900 DR-18 Purple		LF	\$ 55.00	\$ 0.00
16" Waterline PVC C-905 DR-18 Purple		LF	\$ 90.00	\$ 0.00
18" Waterline PVC C-905 DR-18 Purple		LF	\$ 135.00	\$ 0.00
20" Waterline PVC C-905 DR-18 Purple		LF	\$ 180.00	\$ 0.00
4" Gate Valve RS		EA	\$ 715.00	\$ 0.00
6" Gate Valve RS		EA	\$ 830.00	\$ 0.00
8" Gate Valve RS		EA	\$ 1,340.00	\$ 0.00
12" Gate Valve RS		EA	\$ 2,300.00	\$ 0.00
16" Gate Valve RS		EA	\$ 6,270.00	\$ 0.00
18" Gate Valve RS		EA	\$ 14,300.00	\$ 0.00
4" Blowoff		EA	\$ 3,500.00	\$ 0.00
6" Blowoff	1	EA	\$ 4,000.00	\$ 4,000.00
1" Air and Vacuum Valve	1	EA	\$ 2,400.00	\$ 2,400.00
2" Air and Vacuum Valve		EA	\$ 4,000.00	\$ 0.00
1" Service Connection ( No Meter)		EA	\$ 800.00	\$ 0.00
1-1/2" Service Connection ( No Meter)		EA	\$ 2,480.00	\$ 0.00
2" Service Connection ( No Meter)	1	EA	\$ 2,780.00	\$ 2,780.00
4" Service Connection ( No Meter)		EA	\$ 4,500.00	\$ 0.00
Adjust Water Valve to Grade		EA	\$ 200.00	\$ 0.00
Removal of Blowoff	1	EA	\$ 500.00	\$ 500.00
Join at existing end of 8" pipe		EA	\$ 2,000.00	\$ 0.00
1" Hot Tap		EA	\$ 1,000.00	\$ 0.00
4" Hot Tap		EA	\$ 1,430.00	\$ 0.00
6" Hot Tap		EA	\$ 1,750.00	\$ 0.00
8" Hot Tap		EA	\$ 2,200.00	\$ 0.00
12" Hot Tap		EA	\$ 3,150.00	\$ 0.00
12" Misc Fittings		EA	\$ 900.00	\$ 0.00
8" Misc Fittings	4	EA	\$ 500.00	\$ 2,000.00
<b>OFF-SITE RECYCLED WATER IMPROVEMENTS</b>				
8" Waterline PVC C-900 DR-18 Purple		LF	\$ 35.00	\$ 0.00
Removal of Blowoff		EA	\$ 500.00	\$ 0.00
8" Misc Fittings		EA	\$ 500.00	\$ 0.00
	A	<b>Subtotal</b>		\$ <b>34,640.00</b>
	B	Administrative Contingency (20% x A)		\$ 6,928.00
	C	<b>Water Total (A + B)</b>		\$ <b>41,568.00</b>
		BOND AMOUNT FOR RECORDATION PRIOR TO HAVING SIGNED PLAND ( ORD.460, SEC. 10.3E)		
	D	20% x C		\$ 8,313.60
	E	<b>Water Total (C + D)</b>		\$ <b>49,881.60</b>

**CITY OF MENIFEE ENGINEERING DEPARTMENT  
IMPROVEMENT REQUIREMENT WORKSHEET  
SANITARY SEWER IMPROVEMENTS**

ITEM	QUANTITY	UNIT	UNIT COST	AMOUNT
4" PVC SDR 35 (Use it for Residential Laterals)	4617	LF	\$ 25.00	\$ 115,425.00
6" PVC SDR 35 Green		LF	\$ 30.00	\$ 0.00
8" PVC SDR 35 Green	6144	LF	\$ 35.00	\$ 215,040.00
10" PVC SDR 35 Green		LF	\$ 46.00	\$ 0.00
12" PVC SDR 35 Green		LF	\$ 54.00	\$ 0.00
15" PVC SDR 35 Green		LF	\$ 90.00	\$ 0.00
8" VCP		LF	\$ 55.00	\$ 0.00
10" VCP		LF	\$ 62.00	\$ 0.00
12" VCP		LF	\$ 72.00	\$ 0.00
15" VCP		LF	\$ 81.00	\$ 0.00
18" VCP		LF	\$ 162.00	\$ 0.00
21" VCP		LF	\$ 183.00	\$ 0.00
24" VCP		LF	\$ 195.00	\$ 0.00
27" VCP		LF	\$ 215.00	\$ 0.00
30" VCP		LF	\$ 236.00	\$ 0.00
Standard Manhole 48"	39	EA	\$ 3,140.00	\$ 122,460.00
Standard Manhole 60"		EA	\$ 4,500.00	\$ 0.00
Shallow Manhole (5' or less)		EA	\$ 3,300.00	\$ 0.00
Clean out	1	EA	\$ 730.00	\$ 730.00
Clean out Lateral	147	EA	\$ 200.00	\$ 29,400.00
Tie to Existing Manhole		EA	\$ 2,100.00	\$ 0.00
Rechannel Existing Manhole		EA	\$ 1,500.00	\$ 0.00
Join Existing 8" Pipe		EA	\$ 1,500.00	\$ 0.00
Join Existing 12" Pipe		EA	\$ 2,000.00	\$ 0.00
Chimney		EA	\$ 400.00	\$ 0.00
Adjust MH to grade		EA	\$ 500.00	\$ 0.00
Concrete Encasement		LF	\$ 35.00	\$ 0.00
8" End Cap		EA	\$ 650.00	\$ 0.00
Backwater Valve		EA	\$ 4,700.00	\$ 0.00
<b>OFF-SITE SEWER IMPROVEMENTS</b>				
4" PVC SDR 35 (Use it for Residential Laterals)	180	LF	\$ 25.00	\$ 4,500.00
8" PVC SDR 35 Green	900	LF	\$ 35.00	\$ 31,500.00
Standard Manhole 48"	3	EA	\$ 3,140.00	\$ 9,420.00
Join Existing 8" Pipe		EA	\$ 1,500.00	\$ 0.00
Adjust MH to grade		EA	\$ 500.00	\$ 0.00
8" End Cap	1	EA	\$ 650.00	\$ 650.00
	A	<b>Subtotal</b>		\$ <b>529,125.00</b>
	B	Administrative Contingency (20% x A)		\$ 105,825.00
	C	<b>Sewer Total (A + B)</b>		\$ <b>634,950.00</b>
		BOND AMOUNT FOR RECORDATION PRIOR TO HAVING SIGNED PLAND ( ORD.460, SEC. 10.3E)		
	D	20% x C		\$
	E	<b>Sewer Total (C + D)</b>		\$ <b>634,950.00</b>