



FAITHFUL PERFORMANCE BOND
CITY OF MENIFEE, STATE OF CALIFORNIA
(Government Code Section 66499.1)

FOR: Streets and Drainage	\$ 826,000.00
Riv. Co. Flood Control	\$ 0.00
Water System	\$ 283,000.00
Rec. Water	\$ 0.00
Sewer System	\$ 217,000.00
Total	\$ 1,326,000.00

Tract Map	37671-F
Other Proj. Ref.	IP23-027
Bond No.	7901181732
Premium	\$ 4,972.50

Surety Nationwide Mutual Insurance Company
Address One West Nationwide Blvd., 1-14-301
City/State Columbus, Ohio
Zip 43215-2220
Phone (614) 249-7111

Principal Pulte Home Company, LLC
Address 27401 Los Altos, Suite 400
City/State Mission Viejo, CA
Zip 92691
Phone (760) 518-9654

WHEREAS, the City Council of the City of Menifee, State of California, and **Pulte Home Company, 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 **Tract 37671-F**, which agreement(s), dated _____, 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 **Nationwide Mutual Insurance Company**, as surety, are held and firmly bound unto the City of Menifee in the penal sum of **One Million Three Hundred and Twenty Six Thousand and no/100, Dollars, (\$ 1,326,000.00)** 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(s) 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 of Menifee 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 the agreement(s) or to the work to be performed thereunder 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 to the terms of the agreement(s) or to the work or to the specifications..

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(s) 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 agreement(s).

IN WITNESS WHEREOF, this instrument has been duly executed by the principal and surety above named, on March 25th, 2024.

NAME OF PRINCIPAL: Pulte Home Company, LLC

AUTHORIZED SIGNATURE(S):

SEE ATTACHED

By: _____

Name: Gregory S. Rives

Title: Assistant Treasurer

(IF CORPORATION, AFFIX SEAL)

NAME OF SURETY: Nationwide Mutual Insurance Company

AUTHORIZED SIGNATURE: _____

Peter S Forker, Attorney-in-Fact

(IF CORPORATION, AFFIX SEAL)

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

executed this 25th day of March, 2024.

Pulte Home Company, LLC

PRINCIPAL



BY: Gregory S. Rives, Assistant Treasurer

Notary Attached

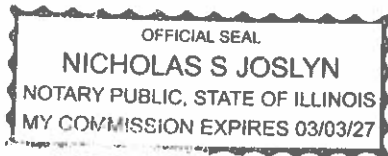
ACKNOWLEDGMENT BY SURETY

STATE OF Illinois }
County of Cook } ss.

On this 25th day of March, 2024, before me personally
appeared Peter S. Forker, known to, me to be the Attorney-in-Fact of
Nationwide Mutual Insurance Company

_____, the corporation
that executed the within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the aforesaid County, the day and
year in this certificate first above written.





Notary Public in the State of Illinois
County of Cook

ACKNOWLEDGEMENT BY PRINCIPAL


STATE OF GEORGIA)

) ss.

COUNTY OF COBB)

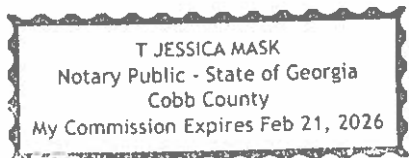
This record was acknowledged before me on March 25, 2024, appeared Gregory S. Rives, Pulte Home Company, LLC, who provided to me on the basis of satisfactory evidence to be the person who appeared before me and is personally known to me.

WITNESS my hand official seal.



Signature of Notary Public

T. JESSICA MASK
Notary Public State of Georgia
My Commission Expires: February 21, 2026



Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation

hereinafter referred to severally as the "Company" and collectively as "the Companies" does hereby make, constitute and appoint:

OSCAR F RINCON, PETER S FORKER, REBECCA M JOHLIE;

each in their individual capacity, its true and lawful attorney-in-fact, with full power and authority to sign, seal, and execute on its behalf any and all bonds and undertakings, and other obligatory instruments of similar nature, in penalties not exceeding the sum of

UNLIMITED

and to bind the Company thereby, as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Company; and all acts of said Attorney pursuant to the authority given are hereby ratified and confirmed.

This power of attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the board of directors of the Company:

"RESOLVED, that the president, or any vice president be, and each hereby is, authorized and empowered to appoint attorneys-in-fact of the Company, and to authorize them to execute and deliver on behalf of the Company any and all bonds, forms, applications, memorandums, undertakings, recognizances, transfers, contracts of indemnity, policies, contracts guaranteeing the fidelity of persons holding positions of public or private trust, and other writings obligatory in nature that the business of the Company may require; and to modify or revoke, with or without cause, any such appointment or authority; provided, however, that the authority granted hereby shall in no way limit the authority of other duly authorized agents to sign and countersign any of said documents on behalf of the Company."

"RESOLVED FURTHER, that such attorneys-in-fact shall have full power and authority to execute and deliver any and all such documents and to bind the Company subject to the terms and limitations of the power of attorney issued to them, and to affix the seal of the Company thereto; provided, however, that said seal shall not be necessary for the validity of any such documents."

This power of attorney is signed and sealed under and by the following bylaws duly adopted by the board of directors of the Company.

Execution of Instruments. Any vice president, any assistant secretary or any assistant treasurer shall have the power and authority to sign or attest all approved documents, instruments, contracts, or other papers in connection with the operation of the business of the company in addition to the chairman of the board, the chief executive officer, president, treasurer or secretary; provided, however, the signature of any of them may be printed, engraved, or stamped on any approved document, contract, instrument, or other papers of the Company.

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 20th day of August, 2021.



Antonio C. Albanese, Vice President of Nationwide Mutual Insurance Company

ACKNOWLEDGMENT



STATE OF NEW YORK COUNTY OF NEW YORK: ss

On this 20th day of August, 2021, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.

Stephanie Rubino McArthur
Notary Public, State of New York
No. 02MC6270117
Qualified in New York County
Commission Expires October 19, 2024

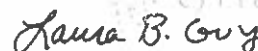


Notary Public
My Commission Expires
October 19, 2024

CERTIFICATE

I, Laura B. Guy, Assistant Secretary of the Company, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney issued by the Company; that the resolution included therein is a true and correct transcript from the minutes of the meetings of the boards of directors and the same has not been revoked or amended in any manner; that said Antonio C. Albanese was on the date of the execution of the foregoing power of attorney the duly elected officer of the Company, and the corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority of said board of directors; and the foregoing power of attorney is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company; this 25th day of March, 2024.



Assistant Secretary



MATERIAL AND LABOR BOND
CITY OF MENIFEE, STATE OF CALIFORNIA
(Government Code Section 66499.2)

FOR: Streets and Drainage \$ 413,000.00
Water System \$ 141,500.00
Sewer System \$ 108,500.00

Tract/Parcel Map 37671-F (IP23-027)
Bond No. 7901181733
Premium \$ 2,486.25

Surety Nationwide Mutual Insurance Company
Address One West Nationwide Blvd., 1-14-301
City/State Columbus, Ohio
Zip 43215-2220
Phone (614) 249-7111

Principal Pulte Home Company, LLC
Address 27401 Los Altos, Suite 400
City/State Mission Viejo, CA
Zip 92691
Phone (760)518-9654

WHEREAS, the City Council of the City of Menifee, State of California, and **Pulte Home Company, 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 **Tract 37671-F**, which agreement(s), dated _____, is/are hereby referred to and made a part hereof; and,

WHEREAS, under the terms of said agreement(s), 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 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code of the State of California;

NOW, THEREFORE, said principal and the undersigned, as corporate surety, are firmly bound unto the City of Menifee and all contractors, subcontractors, laborers, material suppliers, and other persons employed in the performance of the agreement(s) and referred to Title 3 (commencing with Section 9000) of Part 6 of Division 4 of the Civil Code in the sum of **Six Hundred Sixty Three Thousand and no/100 Dollars, (\$663,000.00)** 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 of Menifee 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 file claims under Title 3 (commencing with Section 9000) of Part 6 of Division 4 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 the agreement(s) 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 March 25th, 2024.

NAME OF PRINCIPAL: Pulte Home Company, LLC

AUTHORIZED SIGNATURE(S):

SEE ATTACHED

By:

Name: Gregory S. Rives
Title: Assistant Treasurer

(IF CORPORATION, AFFIX SEAL)

NAME OF SURETY: Nationwide Mutual Insurance Company

AUTHORIZED SIGNATURE:


Peter S Forker, Attorney-in-Fact

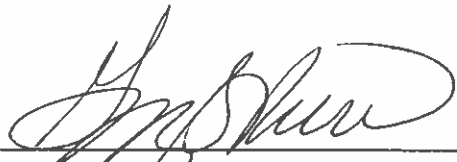
(IF CORPORATION, AFFIX SEAL)

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

executed this 25th day of March, 2024.

Pulte Home Company, LLC

PRINCIPAL

A handwritten signature in black ink, appearing to read "Gregory S. Rives", written over a horizontal line.

BY: Gregory S. Rives, Assistant Treasurer

Notary Attached

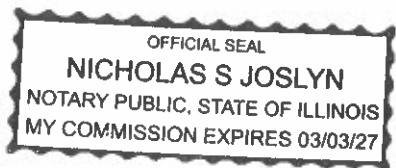
ACKNOWLEDGMENT BY SURETY

STATE OF Illinois }
County of Cook } ss.

On this 25th day of March, 2024, before me personally
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Notary Public in the State of Illinois
County of Cook

ACKNOWLEDGEMENT BY PRINCIPAL

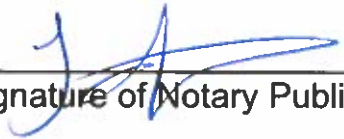
STATE OF GEORGIA)

) ss.

COUNTY OF COBB)

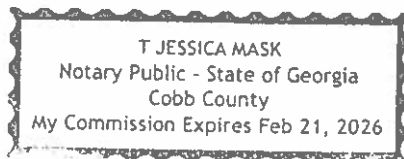
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WITNESS my hand official seal.



Signature of Notary Public

T. JESSICA MASK
Notary Public State of Georgia
My Commission Expires: February 21, 2026



Power of Attorney

KNOW ALL MEN BY THESE PRESENTS THAT:

Nationwide Mutual Insurance Company, an Ohio corporation

hereinafter referred to severally as the "Company" and collectively as "the Companies" does hereby make, constitute and appoint:
OSCAR F RINCON; PETER S FORKER; REBECCA M JOHLIE;

each in their individual capacity, its true and lawful attorney-in-fact, with full power and authority to sign, seal, and execute on its behalf any and all bonds and undertakings, and other obligatory instruments of similar nature, in penalties not exceeding the sum of

UNLIMITED

and to bind the Company thereby, as fully and to the same extent as if such instruments were signed by the duly authorized officers of the Company; and all acts of said Attorney pursuant to the authority given are hereby ratified and confirmed.

This power of attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the board of directors of the Company:

"RESOLVED, that the president, or any vice president be, and each hereby is, authorized and empowered to appoint attorneys-in-fact of the Company, and to authorize them to execute and deliver on behalf of the Company any and all bonds, forms, applications, memorandums, undertakings, recognizances, transfers, contracts of indemnity, policies, contracts guaranteeing the fidelity of persons holding positions of public or private trust, and other writings obligatory in nature that the business of the Company may require; and to modify or revoke, with or without cause, any such appointment or authority; provided, however, that the authority granted hereby shall in no way limit the authority of other duly authorized agents to sign and countersign any of said documents on behalf of the Company."

"RESOLVED FURTHER, that such attorneys-in-fact shall have full power and authority to execute and deliver any and all such documents and to bind the Company subject to the terms and limitations of the power of attorney issued to them, and to affix the seal of the Company thereto; provided, however, that said seal shall not be necessary for the validity of any such documents."

This power of attorney is signed and sealed under and by the following bylaws duly adopted by the board of directors of the Company.

Execution of Instruments. Any vice president, any assistant secretary or any assistant treasurer shall have the power and authority to sign or attest all approved documents, instruments, contracts, or other papers in connection with the operation of the business of the company in addition to the chairman of the board, the chief executive officer, president, treasurer or secretary; provided, however, the signature of any of them may be printed, engraved, or stamped on any approved document, contract, instrument, or other papers of the Company.

IN WITNESS WHEREOF, the Company has caused this instrument to be sealed and duly attested by the signature of its officer the 20th day of August, 2021.



Antonio C. Albanese, Vice President of Nationwide Mutual Insurance Company

ACKNOWLEDGMENT

STATE OF NEW YORK COUNTY OF NEW YORK: ss

On this 20th day of August, 2021, before me came the above-named officer for the Company aforesaid, to me personally known to be the officer described in and who executed the preceding instrument, and he acknowledged the execution of the same, and being by me duly sworn, deposes and says, that he is the officer of the Company aforesaid, that the seal affixed hereto is the corporate seal of said Company, and the said corporate seal and his signature were duly affixed and subscribed to said instrument by the authority and direction of said Company.



Stephanie Rubino McArthur
Notary Public, State of New York
No. 02MC6270117
Qualified in New York County
Commission Expires October 19, 2024

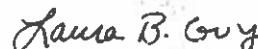


Notary Public
My Commission Expires
October 19, 2024

CERTIFICATE

I, Laura B. Guy, Assistant Secretary of the Company, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney issued by the Company; that the resolution included therein is a true and correct transcript from the minutes of the meetings of the boards of directors and the same has not been revoked or amended in any manner; that said Antonio C. Albanese was on the date of the execution of the foregoing power of attorney the duly elected officer of the Company, and the corporate seal and his signature as officer were duly affixed and subscribed to the said instrument by the authority of said board of directors; and the foregoing power of attorney is still in full force and effect.

IN WITNESS WHEREOF, I have hereunto subscribed my name as Assistant Secretary, and affixed the corporate seal of said Company this 25th day of March 2024.



Assistant Secretary



USED FOR
BONDS

CITY OF MENIFEE ENGINEERING DEPARTMENT CONSTRUCTION COST WORKSHEET

PARCEL MAP OR TRACT MAP NO. 37671-F

DATE: 3/13/2024

IP: IP23-027S / IP23-027U

IMPROVEMENTS		FAITHFUL PERFORMANCE SECURITY (120% of Estimated Construction Costs)	MATERIAL & LABOR SECURITY (**50% of Estimated Construction Costs)
Street/Drainage	\$ 826,103.50	\$ 826,000.00	\$ 413,000.00
RCFC	\$ 0.00	\$ 0.00	\$ 0.00
Dom Wtr EMWD	\$ 283,212.00	\$ 283,000.00	\$ 141,500.00
Rec Wtr EMWD	\$ 0.00	\$ 0.00	\$ 0.00
Sewer EMWD	\$ 217,022.40	\$ 217,000.00	\$ 108,500.00
Total	<u><u>1,326,337.90</u></u>	<u><u>\$ 1,326,000.00</u></u>	<u><u>\$ 663,000.00</u></u>
Warranty Retention (10%)		<u><u>\$ 132,600.00</u></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	<u>3/13/2024</u> Date
<u>Amir H. Fallahi</u> Name Typed or printed	<u>55534</u> RCE#

Civil Engineer's Stamp

Chris Heron

*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 Amountss. **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
ROADWAY SECTION 1 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) Thickness in Feet (0.33' MIN) =	1,556	TON	\$ 90.00	\$ 140,080.17
Agg Base Class II Thickness in Feet (0.33' MIN) =	1,213	CY	\$ 50.00	\$ 60,654.63
Asphalt Emulsion (Fog Seal/Paint Binder)		Ton	\$ 600.00	\$ 0.00
Secondary Access Pavement		SF	\$ 0.90	\$ 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')		SF	\$ 0.90	\$ 0.00
Curb and Gutter (Type A-6)	3,620	LF	\$ 14.00	\$ 50,680.00
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		LF	\$ 15.00	\$ 0.00
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	1,590	SF	\$ 10.00	\$ 15,900.00
PCC Sidewalk	15,563	SF	\$ 6.00	\$ 93,378.00
PCC Driveway Approach	11,660	SF	\$ 8.00	\$ 93,280.00
PCC Dip Section Std 307		SF	\$ 6.00	\$ 0.00
ADA Access Ramp (w/ new construction)	4	EA	\$ 1,500.00	\$ 6,000.00
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

ITEM	QUANTITY	UNIT	UNIT	AMOUNT
Utility Trench, one side (Edison, Telephone, Cable) (total length of Streets)		LF	\$ 10.00	\$ 0.00
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)	14	EA	\$ 5,000.00	\$ 70,000.00
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	5	EA	\$ 1,000.00	\$ 5,000.00
LANDSCAPING				
Maintenance Walk STD 113		SF	\$ 4.00	\$ 0.00
Colored Stamped Concrete		SF	\$ 10.00	\$ 0.00
Street Trees (15 Gallon)		EA	\$ 100.00	\$ 0.00
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
DRAINAGE				
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 304	1	EA	\$ 2,000.00	\$ 2,000.00
Terrace Drain & Down Drain		SF	\$ 6.50	\$ 0.00
Interceptor Drain		SF	\$ 6.50	\$ 0.00
Concrete Channel		CY	\$ 200.00	\$ 0.00
Facing Rock Rip Rap		CY	\$ 80.00	\$ 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
8" PVC SDR 35 Drainage Pipe		LF	\$ 35.00	\$ 0.00
18" RCP round, arch or elliptical		LF	\$ 113.00	\$ 0.00
24" RCP round, arch or elliptical		LF	\$ 132.00	\$ 0.00
30" RCP round, arch or elliptical		LF	\$ 153.00	\$ 0.00
36" RCP round, arch or elliptical		LF	\$ 178.00	\$ 0.00
42" RCP round, arch or elliptical		LF	\$ 204.00	\$ 0.00
48" RCP round, arch or elliptical		LF	\$ 235.00	\$ 0.00
6'x2' Reinforced Concrete Box		LF	\$ 350.00	\$ 0.00
3'x5' Reinforced Concrete Box		LF	\$ 350.00	\$ 0.00
18" CSP or HDPE N12		LF	\$ 40.00	\$ 0.00
24" CSP or HDPE N12		LF	\$ 50.00	\$ 0.00

ITEM	QUANTITY	UNIT	UNIT	AMOUNT
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=5'		EA	\$ 3,000.00	\$ 0.00
Catch Basin W=7'		EA	\$ 4,000.00	\$ 0.00
Catch Basin W=10'		EA	\$ 6,000.00	\$ 0.00
Catch Basin W=14'		EA	\$ 7,500.00	\$ 0.00
Catch Basin W=21'		EA	\$ 11,000.00	\$ 0.00
Catch Basin W=28'		EA	\$ 14,500.00	\$ 0.00
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		EA	\$ 4,500.00	\$ 0.00
Junction Structure No. 3		EA	\$ 4,500.00	\$ 0.00
Junction Structure No. 4		EA	\$ 5,000.00	\$ 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		EA	\$ 4,500.00	\$ 0.00
Manhole No. 1		EA	\$ 5,000.00	\$ 0.00
Manhole No. 2		EA	\$ 6,500.00	\$ 0.00
Manhole No. 3		EA	\$ 2,700.00	\$ 0.00
Manhole No. 4		EA	\$ 6,500.00	\$ 0.00
Manhole Safety Ledge		EA	\$ 3,000.00	\$ 0.00
Structural Reinforcement Concrete		CY	\$ 400.00	\$ 0.00
Concrete Flared End Section		EA	\$ 1,000.00	\$ 0.00
Headwall for 36" or smaller storm drain		EA	\$ 3,500.00	\$ 0.00
Concrete Drop Inlet		EA	\$ 2,000.00	\$ 0.00
Concrete Collar		EA	\$ 300.00	\$ 0.00
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
Bio-Clean MWS		EA	\$ 6,000.00	\$ 0.00
Class II Base Access Road		SF	\$ 4.00	\$ 0.00
4" Thick PCC Access Road		SF	\$ 6.00	\$ 0.00
6" Thick Reinforced PCC Overflow		SF	\$ 10.00	\$ 0.00
Caltrans Wingwall/Headwall		EA	\$ 7,500.00	\$ 0.00
FLOOD DRAINAGE Facilities				
18" RCP round, arch or elliptical		LF	\$ 113.00	\$ 0.00
60" RCP round, arch or elliptical		LF	\$ 300.00	\$ 0.00
66" RCP round, arch or elliptical		LF	\$ 300.00	\$ 0.00
4'x6' Reinforced Concrete Box		LF	\$ 375.00	\$ 0.00
Manhole No. 3		EA	\$ 2,700.00	\$ 0.00
Basin Outlets/Inlets		EA	\$ 6,000.00	\$ 0.00
Transition Structure No. 3		EA	\$ 4,500.00	\$ 0.00
Trash Rack		EA	\$ 2,000.00	\$ 0.00
Junction Structure No. 3		EA	\$ 4,500.00	\$ 0.00
Concrete Bulkhead		EA	\$ 200.00	\$ 0.00
Rip Rap (1/4 Ton) Methob B (1.9 tons /CY)		CY	\$ 80.00	\$ 0.00
Cable Fencing		LF	\$ 20.00	\$ 0.00
Cut Off Wall (4')		CY	\$ 400.00	\$ 0.00

ITEM	QUANTITY	UNIT	UNIT	AMOUNT
6" Concrete Apron		SF	\$ 10.00	\$ 0.00
SIGNING, STRIPING AND SIGNALS				
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
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		SF	\$ 3.00	\$ 0.00
Remove, Sign, Salvage		EA	\$ 50.00	\$ 0.00
Relocate Roadside Sign		EA	\$ 100.00	\$ 0.00
Street Name Sign	3	EA	\$ 275.00	\$ 825.00
Install Sign (Strap and Saddle Bracket Method)		EA	\$ 150.00	\$ 0.00
Install Sign (Mast Arm Hanger Method)		EA	\$ 425.00	\$ 0.00
Stop Sign & Post		EA	\$ 250.00	\$ 0.00
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	8	EA	\$ 3.75	\$ 30.00
New Traffic Signal & Lighting (Major Intersection)		LS	\$ 250,000.00	\$ 0.00
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
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

ITEM		QUANTITY	UNIT	UNIT	AMOUNT	
	A	Subtotal			\$	537,827.80
	B	Administrative Contingency (20% x A)			\$	107,565.56
	C	CM - Inspection - LC (8%)			\$	43,026.22
	D	Streets/Drainage Total (A + B + C)			\$	688,419.58
		PRIOR TO HAVING SIGNED PLANS				
	E	20% x D			\$	137,683.92
	F	Streets/Drainage Total (D + E)			\$	826,103.50

**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		1,748	LF	\$ 35.00	\$ 61,180.00
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
8" Waterline Fusible PVC		75	LF	\$ 35.00	\$ 2,625.00
8" CML&C w/full weld double pass			LF	\$ 235.00	\$ 0.00
16" Pipe Casing		45	LF	\$ 200.00	\$ 9,000.00
4" Gate Valve RS			EA	\$ 715.00	\$ 0.00
6" Gate Valve RS			EA	\$ 830.00	\$ 0.00
8" Gate Valve RS		6	EA	\$ 1,340.00	\$ 8,040.00
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)		8	EA	\$ 4,000.00	\$ 32,000.00
6" Fire Hydrant (Super)			EA	\$ 4,500.00	\$ 0.00
4" Blowoff			EA	\$ 3,500.00	\$ 0.00
6" Blowoff			EA	\$ 4,000.00	\$ 0.00
1" Air and Vacuum Valve		2	EA	\$ 2,400.00	\$ 4,800.00
2" Air and Vacuum Valve			EA	\$ 4,000.00	\$ 0.00
1" Meter		1	EA	\$ 500.00	\$ 500.00
1" Service Connection with meter		52	EA	\$ 1,300.00	\$ 67,600.00
1-1/2" Service Connection (No Meter)		1	EA	\$ 2,480.00	\$ 2,480.00
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		1	EA	\$ 200.00	\$ 200.00
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
12" Misc Fittings			EA	\$ 500.00	\$ 0.00
8" Misc Fittings		9	EA	\$ 250.00	\$ 2,250.00
	A	Subtotal			\$ 196,675.00
	B	Administrative Contingency (20% x A)			\$ 39,335.00
	C	Water Total (A + B)			\$ 236,010.00
		BOND AMOUNT FOR RECORDATION PRIOR TO HAVING SIGNED PLANS (ORD.460, SEC. 10.3E)			
	D	20% x C			\$ 47,202.00
	E	Water Total (C + D)			\$ 283,212.00

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			LF	\$ 35.00	\$ 0.00
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			EA	\$ 4,000.00	\$ 0.00
1" Air and Vacuum Valve			EA	\$ 2,400.00	\$ 0.00
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)			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			EA	\$ 500.00	\$ 0.00
Join at existing end of 12" 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			EA	\$ 500.00	\$ 0.00
			EA	\$ 900.00	\$ 0.00
			EA	\$ 500.00	\$ 0.00
	A	Subtotal			\$ 0.00
	B	Administrative Contingency (20% x A)			\$ 0.00
	C	Water Total (A + B)			\$ 0.00
		BOND AMOUNT FOR RECORDATION PRIOR TO HAVING SIGNED PLAND (ORD.460, SEC. 10.3E)			
	D	20% x C			\$ 0.00
	E	Water Total (C + D)			\$ 0.00

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)	1683	LF	\$ 25.00	\$ 42,075.00
6" PVC SDR 35 Green		LF	\$ 30.00	\$ 0.00
8" PVC SDR 35 Green	1897	LF	\$ 35.00	\$ 66,395.00
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"	11	EA	\$ 3,140.00	\$ 34,540.00
Standard Manhole 60"		EA	\$ 4,500.00	\$ 0.00
Shallow Manhole (5' or less)		EA	\$ 3,300.00	\$ 0.00
Clean out		EA	\$ 730.00	\$ 0.00
Clean out Lateral		EA	\$ 200.00	\$ 0.00
Tie to Existing Manhole		EA	\$ 2,100.00	\$ 0.00
Rechanel Existing Manhole		EA	\$ 1,500.00	\$ 0.00
Join Existing 4" Pipe		EA	\$ 1,200.00	\$ 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 Valves	11	EA	\$ 700.00	\$ 7,700.00
	A	Subtotal		\$ 150,710.00
	B	Administrative Contingency (20% x A)		\$ 30,142.00
	C	Sewer Total (A + B)		\$ 180,852.00
		BOND AMOUNT FOR RECORDATION PRIOR TO HAVING SIGNED PLAND (ORD.460, SEC. 10.3E)		
	D	20% x C		\$ 36,170.40
	E	Sewer Total (C + D)		\$ 217,022.40