

CITY OF AGOURA HILLS
ENGINEERING DEPARTMENT
ENGINEER'S ESTIMATE OF PUBLIC RIGHT-OF-WAY IMPROVEMENTS

Project Name _____ Project No. _____
 Address _____
 Owner _____
 Engineer _____

1. Streets	\$ _____
2. Sewer	\$ _____
3. Water	\$ _____
4. Drainage Facilities	\$ _____
5. Street Lights	\$ _____
6. Signage & Striping	\$ _____
7. Traffic Signals - Attach Detailed Estimate	\$ _____
8. Other	\$ _____
9. Monument (\$1000 + 300per ea. Deferred Monument) Deferred Monument ___ ea.	\$ _____
10. <i>SUBTOTAL</i>	\$ _____
11. 15% Contingencies	\$ _____
12. <i>SUBTOTAL</i>	\$ _____
13. One Year CPI Adjustment (3%)	\$ _____
14. TOTAL AMOUNT	\$ _____
*BOND AMOUNT (to nearest \$5,000)	\$ _____

THE PRECEDING ITEMS ARE ESTIMATES AND THE AMOUNT INDICATED FOR AN ITEM SHALL NOT ACT TO LIMIT THE LIABILITY OF THE SURETY TO THAT AMOUNT. THE SURETY SHALL BE LIABLE FOR FULL AMOUNT POSTED FOR ANY ITEM NOT COMPLETED.

Prepared by:

 Engineer's Signature

R.C.E. No. _____ Exp. Date _____

*Public right-of-way improvements require 100% of amount for Faithful Performance and 50% of amount for Labor and Materials

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<u>STREET IMPROVEMENTS</u>			<u>UNIT PRICE</u>	<u>COST</u>
1. Street Excavation	_____	C.Y. @	\$ _____	\$ _____
2. Street Import	_____	C.Y. @	\$ _____	\$ _____
3. Curb & Gutter (8")	_____	L.F. @	\$ _____	\$ _____
4. Curb & Gutter (6")	_____	L.F. @	\$ _____	\$ _____
5. Curb Only	_____	L.F. @	\$ _____	\$ _____
6. AC Berm	_____	L.F. @	\$ _____	\$ _____
7. Cross Gutter	_____	L.F. @	\$ _____	\$ _____
8. PCC Sidewalk	_____	S.F. @	\$ _____	\$ _____
9. PCC Alley Intersection	_____	S.F. @	\$ _____	\$ _____
10. Wheelchair Ramps	_____	EA. @	\$ _____	\$ _____
11. Driveway Approach (4" thk.)	_____	S.F. @	\$ _____	\$ _____
12. Driveway Approach (6" thk.)	_____	S.F. @	\$ _____	\$ _____
13. Asphalt Concrete Depth _____" SF _____	_____	TONS @	\$ _____	\$ _____
14. Aggregate Base Depth _____" SF _____	_____	C.Y. @	\$ _____	\$ _____
15. Base Under Curb & gutter (6") required: _____ LF;	_____	C.Y. @	\$ _____	\$ _____
16. Special Items	_____	L.S. @	\$ _____	\$ _____

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<u>STREET IMPROVEMENTS</u>			<u>UNIT PRICE</u>	<u>COST</u>
17. Barricades Guide Markers	_____	L.S. @	\$ _____	\$ _____
18. Relocation of Existing Facilities in Public ROW	_____	L.S. @	\$ _____	\$ _____
19. Removal of Existing Facilities in Public ROW	_____	L.S. @	\$ _____	\$ _____
20. Tree Removal	_____	L.S. @	\$ <u>500.00</u>	\$ _____
21. Tree Well & Covers	_____	EA. @	\$ <u>100.00</u>	\$ _____
22. Parkway Trees (including 1-yr. maintenance)	_____	EA. @	\$ <u>350.00</u>	\$ _____
23. Retaining Walls	_____	L.F. @	\$ _____	\$ _____
24. Chain Link Fence	_____	L.F. @	\$ _____	\$ _____
25. Redwood Headers	_____	L.F. @	\$ _____	\$ _____
26. Adjust Manhole to Grade	_____	L.F. @	\$ <u>350.00</u>	\$ _____
27. Adjust Meter to Grade	_____	EA. @	\$ <u>350.00</u>	\$ _____
28. Cold Plane (\$600 plus 0.25 S.F.)	_____	S.F. @	\$ _____	\$ _____
29. Bus Pads (9" thick) ___ SF	_____	C.Y. @	\$ _____	\$ _____
30. Sawcut AC	_____	L.F. @	\$ _____	\$ _____
31. _____	_____		\$ _____	\$ _____
32. _____	_____		\$ _____	\$ _____
TOTAL AMOUNT				\$ _____

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SEWER IMPROVEMENTS

Location _____ P.C. No. _____

				<u>UNIT PRICE</u>	<u>COST</u>
1. 15" Sewer Pipe	_____	L.F.	@	\$ _____	\$ _____
2. 12" Sewer Pipe	_____	L.F.	@	\$ _____	\$ _____
3. 10" Sewer Pipe	_____	L.F.	@	\$ _____	\$ _____
4. 8" Sewer Pipe	_____	L.F.	@	\$ _____	\$ _____
5. 4" and 6" Lateral	_____	L.F.	@	\$ _____	\$ _____
6. Manhole (48" dia.)	_____	EA.	@	\$ _____	\$ _____
7. Manhole (over 48" dia.)	_____	EA.	@	\$ _____	\$ _____
 <u>Extra Depth Sewers (over 12')</u>					
8. 15" Sewer Pipe	_____	L.F.	@	\$ _____	\$ _____
9. 12" Sewer Pipe	_____	L.F.	@	\$ _____	\$ _____
10. 10" Sewer Pipe	_____	L.F.	@	\$ _____	\$ _____
11. 8" Sewer Pipe	_____	L.F.	@	\$ _____	\$ _____
12. Break into Existing Manhole	_____	EA.	@	\$ _____	\$ _____
13. Break into Existing Pipe	_____	EA.	@	\$ _____	\$ _____
14. Concrete Encasement	_____	L.F.	@	\$ _____	\$ _____
15. Pavement Replacement					
4" depth					
____ SF	_____	TONS	@	\$ _____	\$ _____
16. Pipe Anchors	_____	EA.	@	\$ _____	\$ _____
TOTAL AMOUNT					\$ _____

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WATER SYSTEM

UNIT PRICE

COST

1.	4-inch	_____ L.F.@	\$ _____	\$ _____
2.	6-inch	_____ L.F.@	\$ _____	\$ _____
3.	8-inch	_____ L.F.@	\$ _____	\$ _____
4.	10-inch	_____ L.F.@	\$ _____	\$ _____
5.	12-inch	_____ L.F.@	\$ _____	\$ _____
6.	14-inch	_____ L.F.@	\$ _____	\$ _____

VALVES

1.	6-inch	_____ EA.@	\$ _____	\$ _____
2.	8-inch	_____ EA.@	\$ _____	\$ _____
3.	10-inch	_____ EA.@	\$ _____	\$ _____
4.	12-inch	_____ EA.@	\$ _____	\$ _____
5.	14-inch	_____ EA.@	\$ _____	\$ _____

WATER LINE CONNECTIONS TO EXISTING MAIN

Hot Taps

1.	8-inch	_____ EA.@	\$ _____	\$ _____
2.	10-inch	_____ EA.@	\$ _____	\$ _____
3.	12-inch	_____ EA.@	\$ _____	\$ _____
4.	14-inch	_____ EA.@	\$ _____	\$ _____

Blow-off Assembly

1.	2-inch	_____ EA.@	\$ _____	\$ _____
2.	4-inch	_____ EA.@	\$ _____	\$ _____
3.	Fire Hydrants	_____ EA.@	\$ _____	\$ _____

Metered Services

1.	¾"-inch	_____ EA.@	\$ _____	\$ _____
2.	1-inch	_____ EA.@	\$ _____	\$ _____
3.	Relocate Meters	_____ EA.@	\$ _____	\$ _____
4.	Adjust Meter to Grade	_____ EA.@	\$ _____	\$ _____

TOTAL AMOUNT

\$ _____

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<u>STREET LIGHT</u>		<u>UNIT PRICE</u>	<u>COST</u>
1.	Lights, install _____ EA. @	\$ <u>7,500.00</u>	\$ _____
2.	Lights, relocate _____ EA. @	\$ _____	\$ _____
3.	Lighting Conduit _____ L.F. @	\$ _____	\$ _____
4.	Pull Box _____ EA. @	\$ <u>500.00</u>	_____
5.	Wiring and Conductors _____ L.F. @	\$ _____	\$ _____
6.	_____	\$ _____	\$ _____
7.	_____	\$ _____	\$ _____
8.	_____	\$ _____	\$ _____
TOTAL AMOUNT			\$ _____

SIGNAGE AND STRIPING

1.	Striping (Min. 1 day) _____ DAY @	\$ <u>2,500.00</u>	\$ _____
2.	Signs with Post _____ EA. @	\$ _____	\$ _____
3.	Signs without Post _____ EA. @	\$ _____	\$ _____
4.	_____	\$ _____	\$ _____
5.	_____	\$ _____	\$ _____
6.	_____	\$ _____	\$ _____
7.	_____	\$ _____	\$ _____
8.	_____	\$ _____	\$ _____
TOTAL AMOUNT			\$ _____

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<u>DRAINAGE FACILITIES</u>		<u>UNIT PRICE</u>	<u>COST</u>
1. Parkway Drain	_____ EA. @	\$ <u>1,500.00</u>	\$ _____
2. Curb Drain	_____ EA. @	\$ <u>1,000.00</u>	\$ _____
3. Manholes	_____ EA. @	\$ <u>5,000.00</u>	\$ _____
4. Catch Basin w/ local depressions			
W = 3'	_____ EA. @	\$ <u>2,500.00</u>	\$ _____
W = 7'	_____ EA. @	\$ <u>2,700.00</u>	\$ _____
W = 10'	_____ EA. @	\$ <u>3,000.00</u>	\$ _____
W = 14'	_____ EA. @	\$ <u>3,200.00</u>	\$ _____
W = 21'	_____ EA. @	\$ <u>4,500.00</u>	\$ _____
5. Junction Structures	_____ EA. @	\$ <u>5,000.00</u>	\$ _____
6. Transition Structures			
T.S. pipe to pipe inlet ≤24" dia.	_____ EA. @	\$ _____	\$ _____
T.S. pipe to pipe inlet ≤42" dia.	_____ EA. @	\$ _____	\$ _____
T.S. pipe to pipe inlet ≤60" dia.	_____ EA. @	\$ _____	\$ _____
T.S. RCP to RCB	_____ EA. @	\$ _____	\$ _____
7. Pipe Connection to existing drain			
24" dia. or less	_____ EA. @	\$ _____	\$ _____
42" dia. or less	_____ EA. @	\$ _____	\$ _____
60" dia. or less	_____ EA. @	\$ _____	\$ _____

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<u>DRAINAGE FACILITIES</u>	<u>UNIT PRICE</u>	<u>COST</u>
8. Concrete Collar _____ EA. @ \$ 1,000.00	\$ _____	\$ _____
9. Inlet Structure _____ EA. @ \$ _____	\$ _____	\$ _____
10. Outlet Structure _____ EA. @ \$ _____	\$ _____	\$ _____
11. Pavement Replacement ____ " Depth ____ SF _____ TONS @ \$ _____	\$ _____	\$ _____
12. Pipe Anchors _____ L.S. @ \$ _____	\$ _____	\$ _____
13. _____	\$ _____	\$ _____
14. _____	\$ _____	\$ _____
15. _____	\$ _____	\$ _____
16. _____	\$ _____	\$ _____
17. _____	\$ _____	\$ _____
18. _____	\$ _____	\$ _____
19. _____	\$ _____	\$ _____
20. _____	\$ _____	\$ _____
21. _____	\$ _____	\$ _____
22. _____	\$ _____	\$ _____
TOTAL AMOUNT		\$ _____