Print Form

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.	*SUBTOTAL*	$_____
11.	15% Contingencies	$_____
12.	*SUBTOTAL*	
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

Document Date:
Feb. 2006

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STREET IMPROVEMENTS				UNIT PRICE	COST
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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STREET IMPROVEMENTS				UNIT PRICE	COST
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.	@	$ 500.00	$_____
21. Tree Well & Covers	_____	EA.	@	$ 100.00	$_____
22. Parkway Trees (including 1-yr. maintenance)	_____	EA.	@	$ 350.00	$_____
23. Retaining Walls	_____	L.F.	@	$_____	$_____
24. Chain Link Fence	_____	L.F.	@	$_____	$_____
25. Redwood Headers	_____	L.F.	@	$_____	$_____
26. Adjust Manhole to Grade	_____	L.F.	@	$ 350.00	$_____
27. Adjust Meter to Grade	_____	EA.	@	$ 350.00	$_____
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._____

					UNIT PRICE	COST
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.	@	$_____	$_____
	Extra Depth Sewers (over 12')					
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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STREET LIGHT			UNIT PRICE	COST
1.	Lights, install	____EA. @	$ 7,500.00	$_____
2.	Lights, relocate	____EA. @	$_____	$_____
3.	Lighting Conduit	____L.F. @	$_____	$_____
4.	Pull Box	____EA. @	$ 500.00	_____
5.	Wiring and Conductors	____L.F. @	$_____	$_____
6.	_____	____	$_____	$_____
7.	_____	____	$_____	$_____
8.	_____	____	$_____	$_____
TOTAL AMOUNT				**$**_____

SIGNAGE AND STRIPING				
1.	Striping (Min. 1 day)	____DAY @	$ 2,500.00	$_____
2.	Signs with Post	____EA. @	$_____	$_____
3.	Signs without Post	____EA. @	$_____	$_____
4.	_____	____	$_____	$_____
5.	_____	____	$_____	$_____
6.	_____	____	$_____	$_____
7.	_____	____	$_____	$_____
8.	_____	____	$_____	$_____
TOTAL AMOUNT				**$**_____

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DRAINAGE FACILITIES			UNIT PRICE	COST
1.	Parkway Drain	____EA. @	$ 1,500.00	$_____
2.	Curb Drain	____EA. @	$ 1,000.00	$_____
3.	Manholes	____EA. @	$ 5,000.00	$_____
4.	Catch Basin w/ local depressions			
	W = 3'	____EA. @	$ 2,500.00	$_____
	W = 7'	____EA. @	$ 2,700.00	$_____
	W = 10'	____EA. @	$ 3,000.00	$_____
	W = 14'	____EA. @	$ 3,200.00	$_____
	W = 21'	____EA. @	$ 4,500.00	$_____
5.	Junction Structures	____EA. @	$ 5,000.00	$_____
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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DRAINAGE FACILITIES				UNIT PRICE	COST
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					$_____

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