Rev. July 2012 <u>EXHIBIT "A"</u>

CITY OF CAMARILLO

DEPARTMENT OF PUBLIC WORKS

ESTIMATE OF COST

OFFSITE	(Public Im	provements)
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OFFSITE (Public illiprovements)	L -	Project No:
SUI	MMARY SHEET	
<u>ITEM</u>		AMOUNT (rounded to the nearest dollar)
Streets/General Improvements	(Total from Sheet 3)	\$
Removals and Adjustments	(Sheet 4)	\$
Drainage Improvements	(Total from Sheet 6)	\$
Property Monuments	(Sheet 7)	\$
	Subtotal	\$
Potable Water Improvements	(Total from Sheet 9)	\$
Recycled Water Improvements	(Total from Sheet 11)	\$
Tota Pu	al City of Camarillo blic Improvements	\$
Right-of-Way Land Value (S. F.)	\$
Cost Estimate Prepared By:		Engineer's Seal (include R.C.E. # and expiration date)
Signature - Developer's Engineer Da	ate	
Cost Estimate Approved By:		
Signature - City Representative Da	ate	

Sheet 1 of 11

OFFSITE (Public Improvements)

Project	No.	

	Item	Quantity	Unit	Unit Cost	Item Cost
Str	eet/General Improvements				
1	Finish Grade & Prime Coat		SF	0.25	
2	Finish Aggreg. Sub Base/\$0.15/in. (in.)		SF		
3	Finish Aggreg. Rock Base/\$0.20/in. (in.)		SF		
4	Finish Asphalt Concrete/\$0.48/in. (in.)		SF		
5	Fog Seal Coat		SF	0.25	
6	Cross Gutter & Apron 7" Thick		SF	16.00	
7	Concrete Sidewalk 4" Thick		SF	14.00	
	Concrete Driveway Residential 6" Thick				
8	(add \$0.28 for each additional inch of thickness)		SF	15.00	
	Concrete Driveway Commercial 6" Thick				
9	(add \$0.28 for each additional inch of thickness)		SF	15.00	
10	Air Blown Mortar 3" Thick		SF	7.00	
11	Concrete Curb Only		LF	31.00	
12	Concrete Curb & Gutter, Type A-2		LF	37.50	
13	Concrete Curb & Gutter, Rolled		LF	44.50	
14	Asphalt Concrete Berm		LF	9.00	
15	Concrete Cutoff Wall		LF	15.00	
16	Barricades		LF	63.50	
17	Street Name Signs		EA	360.00	
18	Traffic Signs		EA	310.00	
19	Block Garden Wall 6' (add \$7.90 for each additional				
19	foot retaining)		LF	97.00	
20	Chain-Link Fence		LF	25.00	
21	Redwood Header		LF	6.00	
22	Parkway Trees		EA	245.00	
23	Reflective Pavement Markers Types D & G		EA	10.00	
24	Pavement Markers Types A & AY		EA	7.00	
25	Street Lighting (standard in place)				
23	Residential (includes trenching)		EA	2,800.00	
26	Street Lighting (standard in place)				
	Commercial & Industrial (includes trenching)		EA	3,300.00	
27	Traffic Striping - Double Solid		LF	3.50	
28	Traffic Striping - Single Solid		LF	2.00	
29	Traffic Striping - Single Skip		LF	2.00	
30	Traffic Striping - Letters/Arrows		EA	19.50	
31	Handicap Ramps		EA	3,800.00	
32	Sawcutting		LF	3.00	
33	Public Maintained Landscaping & Irrigation Complete		SF	4.50	
34	Undergrounding of Existing Overhead Utilities		LF	460.00	
35	Slope Protection - Permanent		SF	1.50	
				SUBTOTAL	\$

continued on Sheet 3

Rev. July 2012

EXHIBIT "A"

CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

Project No:	
Project No:	

	Item	Quantity	Unit	Unit Cost	Item Cost
Ctr	eet/General Improvements (cont'd)	Quantity	Oilit	Offic Cost	item cost
	Fraction Control Towns or with		1.0		
36 37	Erosion Control Temporary Storm Water Pollution Control Measures Temporary		LS LS		
38	Non-Structural Best Management Practices		LS		
39	Construction Traffic Control		LS		
40			SY	3.00	
	Aggregate Slurry Seal Street Numbers Painted on Curbs		EA	22.50	
41	Street Numbers Fainted on Curbs		EA	22.50	
-					
-					
-					
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-					
-					
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-					
-					
-					
-					
				OUDTOTAL	
				SUBTOTAL	\$
				(SHEET 3)	'
				TOTAL	\$
				(SHEETS 2 & 3)	Υ
					\$
				ABB 1070	Ψ
				SUBTOTAL	\$
				JODIOTAL	Ψ
		ADD 1/4%	MO.	ADD %	c
		FROM 6/	2012	ADD%	Φ
				TOTAL	
				TOTAL	\$

EXHIBIT "A"

CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

Project	· No·		
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	Item	Quantity	Unit	Unit Cost	Item Cost
Ren	noval and Adjustments				
1	Concrete		CY	112.00	
2	Asphalt		SF	5.00	
3	Concrete Sidewalk, Driveway, Cross Gutter, Spandrel		SF	12.00	
4	Curb and Gutter		LF	13.00	
5	Storm Drain Pipe 15" - 42"		LF	9.00	
6	Storm Drain Pipe 42"		LF	18.00	
7	Adjust Manhole to Grade		EA	540.00	
8	Adjust Water Valve/Box to Grade		EA	365.00	
9	Adjust Survey Monument to Grade		EA	500.00	
10	Traffic Striping Removal (single stripe)		LF	3.00	
11	Traffic Striping Removal (double stripe)		LF	3.50	
12	Remove LS Area and Irrigation		LS		
13	Remove Trees		EA		
14	Relocate Signs		EA		
15	Adjust Utility Box to Grade		EA		
16	Abandon Pipe, In Place		LF		
17	Remove Pipe		LF		
18	Abandon Manhole, In Place		EA		
-					
				SUBTOTAL	\$
				ADD 10%	\$
				SUBTOTAL	\$
		ADD 1/4% FROM 6/2		ADD%	\$
	L.		, -	TOTAL	\$

OFFSITE (Public Improvements)

Project	No.	

Item	Quantity	Unit	Unit Cost	Item Cost
Drainage Improvements				
Storm Drain Pipe (in place, incljuding earthwork) Round Pipe				
Cost CMP (CMPA)				
1 18" (22" x 13" \$6.25/LF extra)		LF	70.00	
2 21" (24" x 16" \$6.25/LF extra)		LF	85.00	
3 24" (29" x 18" \$10.40/LF extra)		LF	105.00	
4 30" (36" x 22" \$14.75/LF extra)		LF	125.00	
5 36" (43" x 27" \$16.90/LF extra)		LF	145.00	
6 42" (50" x 30" \$20.70/LF extra)		LF	170.00	
7 48" (58" x 36" \$27.50/LF extra)		LF	190.00	
8 60" (72" x 44" \$31.00/LF extra)		LF	245.00	
9 72" (83" x 57" \$35.00/LF extra)		LF	330.00	
Reinforced Concrete Pipe (RCP)				
10 18" (22" x 13" \$6.25/LF extra)		LF	87.00	
11 21" (24" x 16" \$6.25/LF extra)		LF	102.00	
12 24" (29" x 18" \$10.40/LF extra)		LF	118.00	
13 30" (36" x 22" \$14.75/LF extra)		LF	140.00	
14 36" (43" x 27" \$16.90/LF extra)		LF	155.00	
15 42" (50" x 30" \$20.70/LF extra)		LF	190.00	
16 48" (58" x 36" \$27.50/LF extra)		LF	210.00	
17 60" (72" x 44" \$31.00/LF extra)		LF	260.00	
18 72" (83" x 57" \$35.00/LF extra)		LF	330.00	
CIPP				
19 24"		LF	65.00	
20 27"		LF	68.00	
21 30"		LF	74.00	
22 36"		LF	88.00	
23 42"		LF	100.00	
24 48"		LF	119.00	
25 54"		LF	142.00	
26 60"		LF	176.00	
27 66"		LF	189.00	
28 72"		LF	219.00	
29 84"		LF	270.00	
30 96"		LF	340.00	
31 Standard 48" Diameter Manhole (precast)		EA	3,100.00	
32 Standard 48" Diameter Manhole (CIPP)		EA	4,300.00	
33 Junction Structures (CIPP)		CY	2,850.00	
34 Standard Inlet Type OL, L = 10'		EA	2,950.00	
			OUDTOTAL	Φ
			SUBTOTAL	\$

continued on Sheet 6

EXHIBIT "A"

CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

Project No:	
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Item	Quantity	Unit	Unit Cost	Item Cost
Drainage Improvements (cont'd)				
35 Standard Inlet Type GOL, L = 7'		EA	3,950.00	
36 Standard Inlet Type GOL, L = 10'		EA	4,700.00	
37 Standard Inlet Type OS, L = 3.5'		EA	2,800.00	
Standard Inlet Type G1, G2, G3, G4, G5, G6,			, , , , , , , ,	
38 L = 3" or less		EA	2,800.00	
39 Standard Inlet Type GT2, GT4, L = 6.5'		EA	3,950.00	
40 Standard Inlet Type GT1, GT3, L = 6.5'		EA	3,750.00	
41 Standard Inlet Type GO, L = 3.5'		EA	2,900.00	
42 Standard Inlet Type GDO, L = 3.5'		EA	3,400.00	
43 Standard Inlet Type SPPWC 300-2, L = 3.5'		EA	2,900.00	
44 Standard Inlet Type SPPWC 300-2, L = 7.0'		EA	4,370.00	
45 Standard Inlet Type SPPWC 300-2, L = 14.0'		EA	7,000.00	
46 Standard Inlet Type SPPWC 301-2, L = 7.0'		EA	4,060.00	
47 For each foot of inlet length added or subtracted		LF	405.00	
48 Terrace, Interceptor or Down Drains		LF	36.00	
49 Class A Reinforced Concrete (more than 100 CY)		CY	870.00	
50 Class A Reinforced Concrete (less than 100 CY)		CY	960.00	
51 Rip Rap (placed - ungrouted)		CY	170.00	
52 Rip Rap (placed - grouted)		CY	205.00	
53 Rip Rap (sacked)		CY	210.00	
54 Structural Best Management Practices		LS		
55 Standard 3" Curb Drain		EA		
			SUBTOTAL (SHEET 6)	\$
			TOTAL (SHEETS 5 & 6)	\$
			ADD 10%	\$
			SUBTOTAL	\$
	ADD 1/4% FROM 6/		ADD%	\$
			TOTAL	\$

Rev. July 2012

EXHIBIT "A"

CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

Project	No:		
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	Item	Quantity	Unit	Unit Cost	Item Cost
Pro	perty Monuments				
1	County Standard (Well) Monument		EA	2,050.00	
2	Tract Boundary Monument		EA	775.00	
3	Street Centerline Monument (includes ties)		EA	1,025.00	
4	Lot Corner Monument		EA	525.00	
		-			
		-			
		-			
		_			
				SUBTOTAL	\$
				ADD 10%	\$
				SUBTOTAL	\$
		ADD 1/4% FROM 6/		ADD%	\$
				TOTAL	\$

Project	No:		

	Item	Quantity	Unit	Unit Cost	Item Cost
Potable W	ater Improvements				
	C-900, CL 150		LF	29.00	
	C-900, CL 150	1	LF	35.00	
	C-900, CL 150		LF	46.00	
4 12" PVC	C-900, CL 150		LF	68.00	
5 6" PVC (C-900, CL 200		LF	33.00	
6 8" PVC (C-900, CL 200		LF	41.00	
7 10" PVC	C-900, CL 200		LF	52.00	
8 12" PVC	C-900, CL 200		LF	72.00	
9 14" DIP			LF	73.00	
10 16" DIP			LF	82.00	
11 20" DIP			LF	131.00	
12 6" Tee, I	n Place		EA	452.00	
13 8" x 6" T	ee, In Place		EA	655.00	
14 8" Tee, I	n Place		EA	685.00	
15 10" x 6"	Tee or 10" x 8" Tee, In Place		EA	950.00	
16 10" Tee,	In Place		EA	1,015.00	
	In Place		EA	1,210.00	
18 16" Tee,	In Place		EA	3,140.00	
	Tee or 16" x 8" Tee, In Place		EA	3,140.00	
,	In Place		EA	3,740.00	
	Tee or 20" x 8" Tee, In Place		EA	4,100.00	
	s, In Place		EA	1,000.00	
	ss, In Place		EA	1,300.00	
	ss, In Place		EA	1,500.00	
	ss, In Place		EA	4,100.00	
	ss, In Place		EA	5,500.00	
	Reducer, In Place		EA	453.00	
	Reducer, In Place	<u> </u>	EA	640.00	
	or 12" x 10" Reducer, In Place	<u> </u>	EA	890.00	
	or 16" x 10" Reducer, In Place	<u> </u>	EA	2,370.00	
	or 20" x 10" Reducer, In Place	<u> </u>	EA	3,500.00	
	Off, In Place	<u> </u>	EA	1,800.00	
	Off, In Place		EA	4,570.00	
	rant - Complete, In Place		EA	4,690.00	
	y 90° or 45°, In Place		EA	465.00	
36 8" Elbow	y 90° or 45°, In Place		EA	640.00	
37 10" Elbo	w 90° or 45°, In Place		EA	780.00	_
	w 90° or 45°, In Place		EA	910.00	
	w 90° or 45°, In Place	1	EA	2,310.00	
	w 90° or 45°, In Place	1	EA	3,220.00	
	, In Place	-	EA	1,040.00	
+1 0 valve	, III I I I I I I I I I I I I I I I I I	<u> </u>	EA		
				SUBTOTAL	\$

Proiect No:	

	Item	Quantity	Unit	Unit Cost	Item Cost
Poi	table Water Improvements (cont'd)			Cimi Coot	1,011
42	8" Valve, In Place		EA	1,270.00	
43	10" Valve, In Place		EA	1,790.00	
44	12" Valve, In Place		EA	2,120.00	
45	16" Valve, In Place		EA	4,480.00	
46	20" Valve, In Place		EA	6,420.00	
47	1" Air Release		EA	2,500.00	
48	2" Air Release		EA	3,740.00	
49	1" Service, Complete		EA	1,000.00	
50	2" Service, Complete		EA	2,130.00	
51	3" Service, Complete		EA	5,300.00	
52	12" Mortar Lined & Coated Steel Pipe, In Place		LF	87.00	
53	14" Mortar Lined & Coated Steel Pipe, In Place		LF	87.00	
54	16" Mortar Lined & Coated Steel Pipe, In Place		LF	97.00	
55	20" Mortar Lined & Coated Steel Pipe, In Place		LF	145.00	
56	Backflow Prevention Devices		EA	3,900.00	
57	Encasements		LF	30.00	
58	6" Double Detector Check		EA	11,000.00	
59	8" Double Detector Check		EA	15,270.00	
60	10" Double Detector Check		EA	16,900.00	
61	1" RP Backflow Device		EA	725.00	
62	1-1/2" RP Backflow Device		EA	1,000.00	
63	2" RP Backflow Device		EA	1,300.00	
64	6" RP Backflow Device		EA	11,900.00	
65	8" RP Backflow Device		EA	16,600.00	
66	Slope Anchor Blocks		EA		
67	Slope Erosion Control		LS		
68	8" Tapping Sleeve		EA	2,900.00	
69	10" Tapping Sleeve		EA	3,200.00	
70	12" Tapping Sleeve		EA	3,650.00	
<u> </u>			<u> </u>	SUBTOTAL	\$
				(SHEET 9)	P
				TOTAL	\$
				(SHEETS 8 & 9)	
				ADD 10%	\$
				SUBTOTAL	\$
		ADD 1/4% FROM 6/2		ADD%	\$
				TOTAL	\$

Proiect No:	

	Item	Quantity	Unit	Unit Cost	Item Cost
Re	cycled Water Improvements				
1	6" PVC C-900, CL 150		LF	29.00	
2	8" PVC C-900, CL 150		LF	35.00	
3	10" PVC C-900, CL 150		LF	46.00	
4	12" PVC C-900, CL 150		LF	68.00	
5	6" PVC C-900, CL 200		LF	33.00	
6	8" PVC C-900, CL 200		LF	41.00	
7	10" PVC C-900, CL 200		LF	52.00	
8	12" PVC C-900, CL 200		LF	72.00	
9	14" DIP		LF	73.00	
10	16" DIP		LF	82.00	
11	20" DIP		LF	131.00	
12	6" Tee, In Place		EA	452.00	
13	8" x 6" Tee, In Place		EA	655.00	
14	8" Tee, In Place		EA	685.00	
15	10" x 6" Tee or 10" x 8" Tee, In Place		EA	950.00	
16	10" Tee, In Place		EA	1,015.00	
17	12" Tee, In Place		EA	1,210.00	
18	16" Tee, In Place		EA	3,140.00	
19	16" x 6" Tee or 16" x 8" Tee, In Place		EA	3,140.00	
20	20" Tee, In Place		EA	3,740.00	
21	20" x 6" Tee or 20" x 8" Tee, In Place		EA	4,100.00	
22	8" Cross, In Place		EA	1,000.00	
23	10" Cross, In Place		EA	1,300.00	
24	12" Cross, In Place		EA	1,500.00	
25	16" Cross, In Place		EA	4,100.00	
26	20" Cross, In Place		EA	5,500.00	
27	8" x 6" Reducer, In Place		EA	453.00	
28	10" x 8" Reducer, In Place		EA	640.00	
29	12" x 8" or 12" x 10" Reducer, In Place		EA	890.00	
30	16" x 8" or 16" x 10" Reducer, In Place		EA	2,370.00	
31	20" x 8" or 20" x 10" Reducer, In Place		EA	3,500.00	
32	2" Blow-Off, In Place		EA	1,800.00	
33	6" Blow-Off, In Place		EA	4,570.00	
34	Fire Hydrant - Complete, In Place		EA	4,690.00	
35	6" Elbow 90° or 45°, In Place		EA	465.00	
36	8" Elbow 90° or 45°, In Place		EA	640.00	
37	10" Elbow 90° or 45°, In Place		EA	780.00	
38	12" Elbow 90° or 45°, In Place		EA	910.00	
39	16" Elbow 90° or 45°, In Place		EA	2,310.00	
40	20" Elbow 90° or 45°, In Place		EA	3,220.00	
-		_			
41	6" Valve, In Place		EA	1,040.00	
				SUBTOTAL	\$

EXHIBIT "A"

CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

Projec	ct No:	

Item	Quantity	Unit	Unit Cost	Item Cost
Recycled Water Improvements (cont'd)				
42 8" Valve, In Place		EA	1,270.00	
43 10" Valve, In Place		EA	1,790.00	
44 12" Valve, In Place		EA	2,120.00	
45 16" Valve, In Place		EA	4,480.00	
46 20" Valve, In Place		EA	6,420.00	
47 1" Air Release		EA	2,500.00	
48 2" Air Release		EA	3,740.00	
49 1" Service, Complete	1	EA	1,000.00	
50 2" Service, Complete	1	EA	2,130.00	
51 3" Service, Complete		EA	5,300.00	
52 12" Mortar Lined & Coated Steel Pipe, In Place		LF	87.00	
53 14" Mortar Lined & Coated Steel Pipe, In Place		LF	87.00	
54 16" Mortar Lined & Coated Steel Pipe, In Place		LF	97.00	
55 20" Mortar Lined & Coated Steel Pipe, In Place		LF	145.00	
56 Backflow Prevention Devices		EA	3,900.00	
57 Encasements		LF	30.00	
58 6" Double Detector Check		EA	11,000.00	
59 8" Double Detector Check		EA	15,270.00	
60 10" Double Detector Check		EA	16,900.00	
61 1" RP Backflow Device		EA	725.00	
62 1-1/2" RP Backflow Device		EA	1,000.00	
63 2" RP Backflow Device		EA	1,300.00	
64 6" RP Backflow Device		EA	11,900.00	
65 8" RP Backflow Device		EA	16,600.00	
66 Slope Anchor Blocks				
67 Slope Erosion Control				
]			
			SUBTOTAL (SHEET 11)	\$
			TOTAL (SHEETS 10 & 11)	\$
				\$
			SUBTOTAL	\$
	ADD 1/4% FROM 6/3		ADD%	\$
			TOTAL	\$