### **CITY OF CAMARILLO**

#### **DEPARTMENT OF PUBLIC WORKS**

### **ESTIMATE OF COST**

	ONSITE (Private	Improvements)	Project No:
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SU	IMMARY 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)	\$
	Subtotal _	\$
Potable Water Improvements	(Total from Sheet 8)	\$
Recycled Water Improvements	(Total from Sheet 10)	\$
To Pr	tal City of Camarillo ivate Improvements	\$
Cost Estimate Prepared By:		Engineer's Seal (include R.C.E. # and expiration date)
Signature - Developer's Engineer	Date	
Cost Estimate Approved By:		
Signature - City Representative	Date	

## CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

#### **ONSITE (Private Improvements)**

	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	Stamped Concrete (add 1")		SF		
11	Truck Wells \$1.05/in. ( in.)		SF		
12	Air Blown Mortar 3" Thick		SF	7.00	
13	Concrete Curb Only		LF	31.00	
14	Concrete Curb & Gutter		LF	37.50	
15	Asphalt Concrete Berm		LF	9.00	
16	Concrete Cutoff Wall		LF	15.00	
17	Barricades		LF	63.50	
18	Street Name Signs		EA	360.00	
19	Traffic Signs		EA	310.00	
	Block Garden Wall 6'				
20	(add \$7.90 for each additional foot retaining)		LF	97.00	
21	Chain-Link Fence		LF	25.00	
22	Redwood Header		LF	6.00	
23	Reflective Pavement Markers Types B & D		EA	10.00	
24	Pavement Markers Types A		EA	7.00	
	Street Lighting (standard in place)				
25	Residential (includes trenching)		EA	2,800.00	
	Street Lighting (standard in place)				
26	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	Parking Lot Striping: Parking Space		EA	6.00	
32	Parking Lot Striping: Handicap Space		EA	52.00	
33	Handicap Ramps		EA	3,800.00	
34	Sawcutting		LF	3.00	
				CURTOTAL	¢
				SUBTOTAL	\$

## CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

### **ONSITE (Private Improvements)**

	Item	Quantity	Unit	Unit Cost	Item Cost
Str	eet/General Improvements (cont'd)		01110		
35	Undergrounding of Existing Overhead Utilities		LF	460.00	
36	Slope Protection - Permanent		SF	1.50	
37	Erosion Control Temporary		LS		
38	Storm Water Pollution Control Measures Temporary		LS		
39	Non-Structural Best Management Practices		LS		
40	Wrought-Iron Fence		LF		
41	Trash Enclosures		EA		
-					
-					
┢					
				SUBTOTAL	\$
				(SHEET 3)	Ψ
				TOTAL	¢
				(SHEETS 2 & 3)	Ψ
					\$
				SUBTOTAL	\$
	1	ADD 1/4%	S/MO		
		FROM 6/2		ADD%	\$
				TOTAL	\$

## CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

#### **ONSITE (Private Improvements)**

	Item	Quantity	Unit	Unit Cost	Item Cost
Rei	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 Only		LF	9.00	
5	Curb and Gutter		LF	13.00	
6	Storm Drain Pipe 15" - 42"		LF	9.00	
7	Storm Drain Pipe 42"		LF	18.00	
8	Storm Drain Plug		EA		
9	Catch Basin		EA		
10	Adjust Manhole to Grade		EA	540.00	
11	Adjust Water Valve Box to Grade		EA	365.00	
12	Irrigation Box		EA		
13	Waterlines		LF		
14	Trees		EA		
15	Traffic Striping Removal (single stripe)		LF	3.00	
16	Traffic Striping Removal (double stripe)		LF	3.50	
<u> </u>		<u>.                                    </u>		SUBTOTAL	\$
				SOBTOTAL	Ψ
				ADD 10%	\$
				SUBTOTAL	\$
		ADD 1/4% FROM 6/2		ADD%	\$
	•			TOTAL	\$

# CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

#### **ONSITE (Private Improvements)**

Proi	ect No:	

Item	Quantity	Unit	Unit Cost	Item Cost
Drainage Improvements				
Storm Drain Pipe (in place, including 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	
Reinforced Concrete Pipe (RCP)				
6 18" (22" x 13" \$6.25/LF extra)		LF	87.00	
7 21" (24" x 16" \$6.25/LF extra)		LF	102.00	
8 24" (29" x 18" \$10.40/LF extra)		LF	118.00	
9 30" (36" x 22" \$14.75/LF extra)		LF	140.00	
10 36" (43" x 27" \$16.90/LF extra)		LF	155.00	
11 42" (50" x 30" \$20.70/LF extra)		LF	190.00	
12 48" (58" x 36" \$27.50/LF extra)		LF	210.00	
HDPE				
13 8"		LF	65.00	
14 12"		LF	68.00	
15 18"		LF	74.00	
CIPP				
16 60"		LF	176.00	
17 66"		LF	189.00	
18 72"		LF	219.00	
19 84"		LF	270.00	
20 Standard 48" Diameter Manhole (precast)		EA	3,100.00	
21 Standard 48" Diameter Manhole (CIPP)		EA	4,300.00	
22 Junction Structures (CIPP)		CY	2,850.00	
23 12" Junction Structure		EA	485.00	
Polyvinyl Chloride Pipeline				
24 4"		LF	17.00	
25 6"		LF	21.50	
26 8"		LF	27.00	
27 10"		LF	33.00	
28 12"		LF	40.00	
29 Standard Inlet Type OL, L = 10'		EA	2,950.00	
30 Standard Inlet Type GOL, L = 7'		EA	3,950.00	
31 Standard Inlet Type GOL, L = 10'		EA	4,700.00	
32 Standard Inlet Type OS, L = 3.5'		EA	2,800.00	
			SUBTOTAL	\$

## CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

#### **ONSITE (Private Improvements)**

Project No:

		Quantity	Unit	Unit Cost	Item Cost
Dro	inage Improvements (cont'd)	Quantity	Oilit	Offic Cost	item cost
סום	Standard Inlet Type G1, G2, G3, G4, G5, G6,				
33	L = 3" or less		EA	2,800.00	
34	Standard Inlet Type GT2, GT4, L = 6.5'	1	EA	3,950.00	
35	Standard Inlet Type GT1, GT3, L = 6.5'	1	EA	3,750.00	
36	Standard Inlet Type GO, L = 3.5'	1	EA	2,900.00	
37	Standard Inlet Type GDO, L = 3.5'		EA	3,400.00	
38	Standard Inlet Type SPPWC 300-2, L = 3.5'		EA	2,900.00	
39	Standard Inlet Type SPPWC 300-2, L = 7.0'		EA	4,370.00	
40	Standard Inlet Type SPPWC 300-2, L = 14.0'		EA	7,000.00	
41	Standard Inlet Type SPPWC 301-2, L = 7.0'		EA	4,060.00	
42	For each foot of inlet length added or subtracted		LF	405.00	
43	12" Catch Basin w/Steel Grate		EA	340.00	
44	24" Catch Basin w/Traffic Grate		EA	680.00	
45	Area Drain		EA		
46	12" Elbow, In Place		EA		
47	Terrace, Interceptor or Down Drains		LF	36.00	
48	12" Concrete Collar		EA	270.00	
49	Class A Reinforced Concrete (more than 100 CY)	1	CY	870.00	
50	Class A Reinforced Concrete (less than 100 CY)	1	CY	960.00	
51	Splash Wall	1	LF		
52	Rip Rap (placed - ungrouted)	<b> </b>	CY	170.00	
53	Rip Rap (placed - grouted)	4	CY	205.00	
54	Rip Rap (sacked)	-	CY	210.00	
55	Structural Best Management Practices	-	LS		
56 57	Detention/Retention/Desilting Basins Storm Water Treatment Unit	1	LS EA		
58	Area Drains - Vaults with Grates		EA		
59	Small Parking Lot Area Drains	1	EA	560.00	
60	36" Ribbon Gutter	1	LF	33.00	
00	30 Tribbott dutter	1	LI	33.00	
		+			
				SUBTOTAL	
				(SHEET 6)	\$
				TOTAL	
				(SHEETS 5 & 6)	\$
				ADD 10%	\$
				SUBTOTAL	\$
		ADD 1/4% FROM 6/		ADD%	\$
				TOTAL	\$

## CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

#### **ONSITE (Private Improvements)**

Pro	iect	No:		

Item Quantity Unit			Unit Cost	Item Cost	
Pot	able 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	\$		

## CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

#### **ONSITE (Private Improvements)**

Project No:

	Item	Quantity	Unit	Unit Cost	Item Cost
Potable Water Improvements (cont'd)		Quantity	O.III	Oint Goot	Rom Goot
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	12" Mortar Lined & Coated Steel Pipe, In Place		LF	87.00	
50	14" Mortar Lined & Coated Steel Pipe, In Place		LF	87.00	
51	16" Mortar Lined & Coated Steel Pipe, In Place		LF	97.00	
52	20" Mortar Lined & Coated Steel Pipe, In Place		LF	145.00	
53	Backflow Prevention Device - Domestic		EA	1,000.00	
54	Backflow Prevention Device - Fire Line		EA	3,900.00	
55	6" Double Detector Check		EA	11,000.00	
56	8" Double Detector Check		EA	15,270.00	
57	10" Double Detector Check		EA	16,900.00	
58	1" RP Backflow Device		EA	725.00	
59	1-1/2" RP Backflow Device		EA	1,000.00	
60	2" RP Backflow Device		EA	1,300.00	
61	6" RP Backflow Device		EA	11,900.00	
62	8" RP Backflow Device		EA	16,600.00	
63	Slope Anchor Blocks		EA		
64	Slope Erosion Control		LS		
65	·				
66					
67					
		-1		SUBTOTAL	•
				(SHEET 8)	\$
				TOTAL	
				(SHEETS 7 & 8)	\$
				ADD 10%	\$
				SUBTOTAL	\$
		ADD 1/4% FROM 6/		ADD %	\$
		1.1010 0/		TOTAL	\$

# CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

### **ONSITE (Private Improvements)**

Pro	iect	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	\$		

### CITY OF CAMARILLO DEPARTMENT OF PUBLIC WORKS ESTIMATE OF COST

#### **ONSITE (Private Improvements)**

Project 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	12" Mortar Lined & Coated Steel Pipe, In Place		LF	87.00	
50	14" Mortar Lined & Coated Steel Pipe, In Place		LF	87.00	
51	16" Mortar Lined & Coated Steel Pipe, In Place		LF	97.00	
52	20" Mortar Lined & Coated Steel Pipe, In Place		LF	145.00	
53	Backflow Prevention Device - Domestic		EA	1,000.00	
54	Backflow Prevention Device - Fire Line		EA	3,900.00	
55	6" Double Detector Check		EA	11,000.00	
56	8" Double Detector Check		EA	15,270.00	
57	10" Double Detector Check		EA	16,900.00	
58	1" RP Backflow Device		EA	725.00	
59	1-1/2" RP Backflow Device		EA	1,000.00	
60	2" RP Backflow Device		EA	1,300.00	
61	6" RP Backflow Device		EA	11,900.00	
62	8" RP Backflow Device		EA	16,600.00	
63	Slope Anchor Blocks		EA		
64	Slope Erosion Control		LS		
65	·				
66					
67					
		•	·	SUBTOTAL	\$
				(SHEET 10)	Ψ
				TOTAL	<u></u>
				(SHEETS 9 & 10)	\$
				ADD 10%	\$
				SUBTOTAL	\$
		ADD 1/4% FROM 6/	_	ADD%	\$
				TOTAL	\$