



COUNTY OF PLACER
Community Development Resource Agency

John Marin, Agency Director

**ENGINEERING
&
SURVEYING**

Wes Zicker
Director of Engineering & Surveying

MEMORANDUM

TO: Honorable Board of Supervisors
FROM: Wes Zicker, Director
Department of Engineering and Surveying, Community Development Resource Agency
DATE: June 24, 2008
SUBJECT: Inflationary Adjustment to Plan Check and Inspection Fee Spreadsheet

ACTION REQUESTED:

Approve a Resolution to adjust for inflation the Plan Check and Inspection Fee Spreadsheet based on the Construction Cost Index, as published in the Engineering News Record, to become effective July 1, 2008.

BACKGROUND:

The County's method of calculating plan check and inspection fees for civil improvement plan review and inspection is based on a standard unit cost spreadsheet (Plan Check and Inspection Fee Spreadsheet). To ensure the spreadsheet remains current with industry costs, and to keep pace with the cost of providing such services, County Code Section 16.08.170(G) contains a provision for annual adjustments based on the Engineering News Record Construction Cost Index (CCI). For April 2008, the CCI was 8126, which represents an increase of 3.3% over the April 2007 CCI of 7865.

If approved, the 3.3% increase would become effective on July 1, 2008, as required by County Code. The Community Development Resource Agency will notify the development community of the fee adjustment if approved. Attachment A shows the current spreadsheet with proposed unit cost changes based on the 3.3% increase; unit costs have been rounded to significant figures. Attachment B is the actual spreadsheet that will become effective July 1, 2008, if approved.

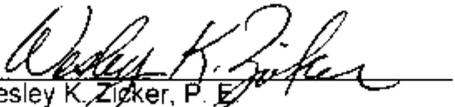
ENVIRONMENTAL:

This action is not subject to CEQA as the action to adjust fees for inflation has no effect on the environment.

FISCAL IMPACT:

This adjustment will allow the County's fee calculation to conform to the adopted ordinance, Section 16.08.170, and will aid in keeping the County's revenue even with inflation.

Respectfully submitted,


Wesley K. Zicker, P. E.
Director, Engineering and Survey Department

Attached to this report for the Board's information/consideration are:

Attachments: Attachment A – Current Unit Cost Spreadsheet with proposed Unit Cost Adjustments
Attachment B – Proposed effective Unit Cost Spreadsheet
Resolution with Exhibit A

ATTACHMENT A

Placer County Community Development Resource Agency
 Engineering and Surveying Department
 Plan Check and Inspection Fee Spreadsheet with Changes Noted

Project:
 Submitted By:

Date:

ENR Index 8/26, Apr: 2008 BOS Adopted June 24, 2008 Effective July 1, 2008

Item	Unit	Current Unit Cost	CCI New Unit Cost (+3.3%)	Rounded New Unit Cost	Total
A EARTHWORK					
Roadway excavation	CY	\$6.10	\$6.30	\$6.30	\$0.00
Earthwork - import	CY	\$9.40	\$9.71	\$9.70	\$0.00
Site grading and compaction	SF	\$0.58	\$0.60	\$0.60	\$0.00
Export material	CY	\$7.15	\$7.39	\$7.40	\$0.00
Clear and grub	AC	\$1,100.00	\$1,136.30	\$1,136.00	\$0.00
Sawcut and remove existing AC	SF	\$1.12	\$1.16	\$1.16	\$0.00
Subtotal A					\$0.00
B STORM DRAINAGE					
Storm Drain Drop Inlet	EA	\$1,378.00	\$1,423.47	\$1,423.00	\$0.00
Storm Drain Manhole - 24"	EA	\$1,643.00	\$1,697.22	\$1,697.00	\$0.00
Storm Drain Manhole - 36"	EA	\$1,934.00	\$1,997.82	\$1,998.00	\$0.00
Storm Drain Manhole - 48"	EA	\$2,225.00	\$2,298.43	\$2,298.00	\$0.00
Storm Drain Manhole - 60"	EA	\$3,311.00	\$3,420.26	\$3,420.00	\$0.00
Storm Drain Manhole - 72"	EA	\$4,425.00	\$4,571.03	\$4,571.00	\$0.00
Storm Drain Manhole With Trap - 36"	EA	\$2,386.00	\$2,464.74	\$2,465.00	\$0.00
Storm Drain Manhole With Trap - 72"	EA	\$4,742.00	\$4,898.49	\$4,898.00	\$0.00
Drain Pipe - 6" and Under	LF	\$18.00	\$18.59	\$18.50	\$0.00
Drain Pipe - 8"	LF	\$21.20	\$21.90	\$21.90	\$0.00
Drain Pipe - 10"	LF	\$23.85	\$24.64	\$24.65	\$0.00
Drain Pipe - 12"	LF	\$26.00	\$26.86	\$26.85	\$0.00
Drain Pipe - 15"	LF	\$29.70	\$30.68	\$30.70	\$0.00
Drain Pipe - 18"	LF	\$34.45	\$35.59	\$35.50	\$0.00
Drain Pipe - 21"	LF	\$38.70	\$39.98	\$40.00	\$0.00
Drain Pipe - 24"	LF	\$42.40	\$43.80	\$43.80	\$0.00
Drain Pipe - 30"	LF	\$47.15	\$48.71	\$48.70	\$0.00
Drain Pipe - 36"	LF	\$55.10	\$56.92	\$56.90	\$0.00
Drain Pipe - 42"	LF	\$63.55	\$65.65	\$65.65	\$0.00
Drain Pipe - 48"	LF	\$73.65	\$76.08	\$76.10	\$0.00
Drain Pipe - 54"	LF	\$79.45	\$82.07	\$82.10	\$0.00
Drain Pipe - 60"	LF	\$85.35	\$88.17	\$88.15	\$0.00
Drain Pipe - 72"	LF	\$99.00	\$101.23	\$101.25	\$0.00
Flared End Section - 18" & Under	EA	\$276.00	\$285.11	\$285.00	\$0.00
Flared End Section - 21" to 36"	EA	\$360.00	\$371.86	\$372.00	\$0.00
Flared End Section - 42" and Over	EA	\$561.00	\$569.18	\$569.00	\$0.00
Drain Pipe - 21"x15" Arch Pipe	LF	\$49.25	\$50.86	\$50.90	\$0.00
Drain Pipe - 24"x18" Arch Pipe	LF	\$55.10	\$56.92	\$56.90	\$0.00
Drain Pipe - 28"x20" Arch Pipe	LF	\$61.45	\$63.48	\$63.50	\$0.00
Drain Pipe - 35"x24" Arch Pipe	LF	\$67.30	\$69.52	\$69.50	\$0.00
Drain Pipe - 42"x28" Arch Pipe	LF	\$73.10	\$75.51	\$75.50	\$0.00
Drain Pipe - 49"x33" Arch Pipe	LF	\$79.45	\$82.07	\$82.05	\$0.00
Drain Pipe - 57"x38" Arch Pipe	LF	\$85.85	\$88.68	\$88.70	\$0.00
Drain Pipe - 64"x43" Arch Pipe	LF	\$98.55	\$101.80	\$101.80	\$0.00
Drain Pipe - 71"x47" Arch Pipe	LF	\$110.25	\$113.89	\$113.90	\$0.00
Concrete Box Culvert - 2'x4'	LF	\$55.15	\$56.97	\$56.95	\$0.00
Concrete Box Culvert - 3'x6'	LF	\$91.15	\$94.16	\$94.15	\$0.00
Concrete Box Culvert - 4'x8'	LF	\$134.60	\$139.04	\$139.05	\$0.00
Concrete Box Culvert - 5'x10'	LF	\$165.30	\$170.75	\$170.75	\$0.00
Headwall/wingwall	SF	\$16.95	\$17.51	\$17.50	\$0.00
Catchbasin	EA	\$827.00	\$854.29	\$854.00	\$0.00
Roadside drainage ditch	LF	\$9.00	\$9.30	\$9.30	\$0.00
Drainage swale	LF	\$6.65	\$6.87	\$6.85	\$0.00
Ditch - paved	LF	\$12.20	\$12.60	\$12.60	\$0.00
Ditch - rock lined	LF	\$11.65	\$12.03	\$12.05	\$0.00
No. 2 Caltrans ditch backing	CY	\$91.15	\$94.16	\$94.15	\$0.00
Rock inlet/outlet protection	SF	\$13.25	\$13.69	\$13.70	\$0.00
Paved apron/overside drain	EA	\$387.00	\$399.77	\$400.00	\$0.00
AC dike/ditch transition	EA	\$387.00	\$399.77	\$400.00	\$0.00
Channel lining	SF	\$2.75	\$2.84	\$2.85	\$0.00
Trench paving (3" AC / 6" AB)	SF	\$2.75	\$2.84	\$2.85	\$0.00
Trench paving (4" AC / 12" AB)	SF	\$3.90	\$4.03	\$4.05	\$0.00
Sediment Trap	EA	\$3,656.00	\$3,776.65	\$3,777.00	\$0.00
Detention facility, per acre of shed area	EA	\$5,511.00	\$5,692.86	\$5,693.00	\$0.00
Subtotal B					\$0.00
C UTILITIES					
Utility trench and backfill	LF	\$18.05	\$18.65	\$18.65	\$0.00
Joint trench road crossings and stubs	EA	1,219.00	\$1,259.23	\$1,259.00	\$0.00
Relocate valve	EA	\$386.00	\$398.74	\$399.00	\$0.00
Subtotal C					\$0.00
D RETAINING WALLS					
Retaining Wall	SF	\$16.40	\$16.94	\$16.95	\$0.00
Sound Wall	SF	\$13.25	\$13.69	\$13.70	\$0.00
Subtotal D					\$0.00

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ATTACHMENT A

Placer County Community Development Resource Agency
 Engineering and Surveying Department
 Plan Check and Inspection Fee Spreadsheet with Changes Noted

E. ROADWAYS						
2" AC	SF	\$1.12	\$1.16	\$1.15	\$0.00	
3" AC	SF	\$1.38	\$1.43	\$1.45	\$0.00	
4" AC	SF	\$1.69	\$1.75	\$1.78	\$0.00	
6" AC	SF	\$2.76	\$2.85	\$2.85	\$0.00	
4" AB	SF	\$1.12	\$1.16	\$1.15	\$0.00	
6" AB	SF	\$1.69	\$1.75	\$1.78	\$0.00	
8" AB	SF	\$1.89	\$1.95	\$1.95	\$0.00	
10" AB	SF	\$2.25	\$2.32	\$2.30	\$0.00	
12" AB	SF	\$2.50	\$2.58	\$2.60	\$0.00	
Slurry seal	SF	\$0.42	\$0.43	\$0.45	\$0.00	
Chip seal	SF	\$0.48	\$0.50	\$0.50	\$0.00	
Double chip seal	SF	\$0.58	\$0.60	\$0.60	\$0.00	
2" AC overlay	SF	\$1.12	\$1.16	\$1.15	\$0.00	
3" AC overlay	SF	\$1.38	\$1.43	\$1.45	\$0.00	
AC dike	LF	\$3.27	\$3.38	\$3.40	\$0.00	
AB shoulder	SF	\$1.12	\$1.16	\$1.15	\$0.00	
PCC paving - 6"	SF	\$3.88	\$4.01	\$4.00	\$0.00	
Concrete curb	LF	\$11.15	\$11.52	\$11.50	\$0.00	
Concrete curb and gutter	LF	\$16.40	\$16.94	\$16.95	\$0.00	
Concrete V-gutter	SF	\$3.27	\$3.38	\$3.40	\$0.00	
Sidewalk (8" Thick)	SF	\$3.27	\$3.38	\$3.40	\$0.00	
Driveway (A6)	EA	\$1,643.00	\$1,697.22	\$1,698.00	\$0.00	
Pedestrian/Equestrian Path	SF	\$0.58	\$0.60	\$0.60	\$0.00	
Subtotal E						\$0.00
F. AMENITIES						
Street light	EA	\$2,225.00	\$2,298.43	\$2,298.00	\$0.00	
Street light base	EA	\$243.75	\$251.79	\$251.75	\$0.00	
Street name sign	EA	\$275.50	\$284.59	\$284.50	\$0.00	
Traffic sign	EA	\$275.50	\$284.59	\$284.50	\$0.00	
Barricade (Plate 45)	EA	\$910.00	\$940.03	\$940.00	\$0.00	
Barricade, remove	EA	\$180.00	\$185.94	\$185.00	\$0.00	
Barricade, pedestrian (mod. Plate 45)	EA	\$492.50	\$508.75	\$508.75	\$0.00	
Guide posts	EA	\$121.75	\$125.77	\$125.75	\$0.00	
Emergency vehicle gate	EA	\$1,111.00	\$1,147.66	\$1,148.00	\$0.00	
Fence - post & cable	LF	\$9.00	\$9.30	\$9.30	\$0.00	
Fence - open iron	LF	\$16.40	\$16.94	\$16.95	\$0.00	
Fence - split rail	LF	\$11.15	\$11.52	\$11.50	\$0.00	
Pavement marking	LF	\$1.12	\$1.16	\$1.15	\$0.00	
Fire tank - 10,000 gal. w/ hydrant	EA	\$11,125.00	\$11,492.13	\$11,490.00	\$0.00	
Trash enclosure	EA	\$2,703.00	\$2,792.20	\$2,792.00	\$0.00	
Guardrail	LF	\$111.40	\$115.08	\$115.10	\$0.00	
Guardrail - cable anchor assembly	EA	\$609.00	\$629.10	\$629.00	\$0.00	
Guardrail - terminal section	EA	\$609.00	\$629.10	\$629.00	\$0.00	
Survey monument & well (incl brass caps)	EA	\$556.50	\$574.86	\$575.00	\$0.00	
Landscaping	SF	\$2.25	\$2.32	\$2.30	\$0.00	
Traffic signal	EA	\$281,000.00	\$290,273.00	\$290,300.00	\$0.00	
Subtotal F						\$0.00
G. WINTERIZATION AND EROSION CONTROL						
Construction Fencing	LF	\$2.25	\$2.32	\$2.30	\$0.00	
Silt fencing	LF	\$3.27	\$3.38	\$3.40	\$0.00	
Inlet protection	EA	\$111.50	\$115.18	\$115.20	\$0.00	
Check dams	EA	\$222.50	\$229.84	\$229.85	\$0.00	
Straw bale dike	LF	\$2.76	\$2.85	\$2.85	\$0.00	
Hydroseed	AC	\$2,754.00	\$2,844.89	\$2,845.00	\$0.00	
Fiber blanket	SF	\$0.42	\$0.43	\$0.45	\$0.00	
Construction entrance	EA	\$551.00	\$569.18	\$569.00	\$0.00	
Sediment Trap	EA	\$608.00	\$628.06	\$628.00	\$0.00	
Subtotal G						\$0.00

ATTACHMENT A

Placer County Community Development Resource Agency
Engineering and Surveying Department
Plan Check and Inspection Fee Spreadsheet with Changes Noted

H. SANITARY SEWER FACILITIES							
Sewer MH - 48"	EA	\$2,437.00	\$2,517.42	\$2,517.00		\$0.00	
Sewer MH - 60"	EA	\$3,710.00	\$3,832.43	\$3,832.00		\$0.00	
Sewer Drop Connection - 6"	EA	\$439.50	\$454.00	\$454.00		\$0.00	
Sewer Drop Connection - 8"	EA	\$808.00	\$828.06	\$828.00		\$0.00	
Sewer Flushing Branch	EA	\$439.50	\$454.00	\$454.00		\$0.00	
Sewer Pipe - 4"	LF	\$21.20	\$21.90	\$21.90		\$0.00	
Sewer Pipe - 6"	LF	\$30.70	\$31.71	\$31.70		\$0.00	
Sewer Pipe - 8"	LF	\$33.90	\$35.02	\$35.00		\$0.00	
Sewer Pipe - 10"	LF	\$36.00	\$37.19	\$37.20		\$0.00	
Sewer Pipe - 12"	LF	\$39.20	\$40.49	\$40.50		\$0.00	
Sewer Service - 4"	EA	\$662.00	\$683.85	\$684.00		\$0.00	
Sewer Service - 6"	EA	\$774.00	\$799.54	\$800.00		\$0.00	
Sewer Service - 8"	EA	\$910.00	\$940.03	\$940.00		\$0.00	
Sewer Force Main - 1 1/2"	LF	\$10.05	\$10.38	\$10.40		\$0.00	
Sewer Force Main - 2"	LF	\$12.20	\$12.60	\$12.60		\$0.00	
Sewer Force Main - 4"	LF	\$16.40	\$16.94	\$16.95		\$0.00	
Sewer Force Main - 6"	LF	\$19.90	\$20.56	\$20.55		\$0.00	
14" flexible double ball expansion joint	EA	\$148.20	\$153.09	\$153.10		\$0.00	
6" flexible double ball expansion joint	EA	\$180.15	\$186.09	\$186.10		\$0.00	
4" check valve assembly	EA	\$662.25	\$684.10	\$684.00		\$0.00	
4" single bypass port assembly	EA	\$662.25	\$684.10	\$684.00		\$0.00	
Sewer lift station	EA	\$222,540.00	\$229,883.82	\$229,900.00		\$0.00	
Metering manhole	EA	\$6,066.00	\$6,266.18	\$6,266.00		\$0.00	
Sewer release valve assembly	EA	\$920.00	\$950.36	\$950.00		\$0.00	
Sewer Clean Out	EA	\$360.00	\$371.88	\$372.00		\$0.00	
Sewer - Adjust MH to Grade	EA	\$424.00	\$437.99	\$438.00		\$0.00	
Sewer - Connect to Existing	EA	\$910.00	\$940.03	\$940.00		\$0.00	
Subtotal H						\$0.00	
I. ADDITIONAL COSTS (List)							
Subtotal I						\$0.00	

SUMMARY OF COSTS & FEES

A	EARTHWORK		\$0.00
B	STORM DRAINAGE		\$0.00
C	UTILITIES		\$0.00
D	RETAINING WALLS		\$0.00
E	ROADWAYS		\$0.00
F	AMENITIES		\$0.00
G	WINTERIZATION AND EROSION CONTROL		\$0.00
H	SANITARY SEWER FACILITIES		\$0.00
I	ADDITIONAL COSTS		\$0.00
	SUBTOTAL - ENGINEER'S ESTIMATE		\$0.00
	10% CONTINGENCY		\$0.00
	TOTAL		\$0.00
	TOTAL FEE (See Schedule of Fees)		\$2,550.00
	INITIAL SUBMITTAL - Plan Check Fee Portion (40%)		\$1,020.00
	FINAL SUBMITTAL - Inspection Fee Portion (60%)		\$1,530.00

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ATTACHMENT A

Placer County Community Development Resource Agency
 Engineering and Surveying Department
 Plan Check and Inspection Fee Spreadsheet with Changes Noted

ADDITIONAL COSTS FOR PROJECT BOND ESTIMATE (Not Required For Fee Estimate)						
J. WATER						
Connect to Existing - Water	LS	\$610.00	\$830.13	\$630.00	\$0.00	
Water Pipe - 2"	LF	\$16.40	\$16.94	\$16.95	\$0.00	
Water Pipe - 4"	LF	\$24.35	\$25.15	\$25.15	\$0.00	
Water Pipe - 6"	LF	\$32.85	\$33.93	\$33.95	\$0.00	
Water Pipe - 8"	LF	\$38.15	\$39.41	\$39.40	\$0.00	
Water Pipe - 10"	LF	\$44.50	\$45.97	\$46.00	\$0.00	
Water Pipe - 12"	LF	\$55.10	\$56.92	\$56.90	\$0.00	
Water Pipe - 15"	LF	\$72.00	\$74.38	\$74.40	\$0.00	
Water Pipe - 18"	LF	\$82.70	\$85.43	\$85.43	\$0.00	
Water Pipe - 24"	LF	\$111.50	\$115.18	\$115.20	\$0.00	
Water - Air Relief Valve	EA	\$1,114.00	\$1,150.76	\$1,151.00	\$0.00	
Water - 2" Blow Off Valve	EA	\$899.00	\$928.67	\$929.00	\$0.00	
Backflow Device	EA	\$899.00	\$928.67	\$929.00	\$0.00	
8" Flexible Dbl-Ball Expansion Joint	EA	\$1,007.00	\$1,040.23	\$1,040.00	\$0.00	
Water Valve - 4" and under	EA	\$388.00	\$398.74	\$398.75	\$0.00	
Water Valve - 6"	EA	\$827.00	\$854.29	\$854.00	\$0.00	
Water Valve - 8"	EA	\$827.00	\$854.29	\$854.00	\$0.00	
Water Valve - 10"	EA	\$827.00	\$854.29	\$854.00	\$0.00	
Water Valve - 12"	EA	\$827.00	\$854.29	\$854.00	\$0.00	
Water Valve - 15"	EA	\$1,377.00	\$1,422.44	\$1,422.00	\$0.00	
Water Valve - 18"	EA	\$1,377.00	\$1,422.44	\$1,422.00	\$0.00	
Water Valve - 24"	EA	\$2,223.00	\$2,296.36	\$2,296.00	\$0.00	
Fire Department Connection	EA	\$1,185.00	\$1,224.11	\$1,224.00	\$0.00	
10" Check Valve	EA	\$3,311.00	\$3,420.26	\$3,420.00	\$0.00	
Fire Hydrant Assembly	EA	\$2,754.00	\$2,844.88	\$2,845.00	\$0.00	
Water Service With Meter - Under 1"	EA	\$503.00	\$519.60	\$520.00	\$0.00	
Water Service With Meter - 1"	EA	\$556.50	\$574.86	\$575.00	\$0.00	
Water Service With Meter - 1 1/2"	EA	\$652.25	\$684.10	\$684.00	\$0.00	
Water Service With Meter - 2"	EA	\$827.00	\$854.29	\$854.00	\$0.00	
Subtotal J						\$0.00

ATTACHMENT B

Placer County Community Development Resource Agency
Engineering and Surveying Department
Effective Plan Check and Inspection Fee Spreadsheet

Project:
Submitted By:

Date:

ENR Index 8126 April 2008 BOS Adopted June 24, 2008 Effective July 1, 2008

	Item	Unit	Unit Cost	Quantity	Subtotal
A	EARTHWORK				
	Roadway excavation	CY	\$6.30		\$0.00
	Earthwork - import	CY	\$9.70		\$0.00
	Site grading and compaction	SF	\$0.60		\$0.00
	Export material	CY	\$7.40		\$0.00
	Clear and grub	AC	\$1,136.00		\$0.00
	Sawcut and remove existing AC	SF	\$1.16		\$0.00
				Subtotal A	\$0.00
B	STORM DRAINAGE				
	Storm Drain Drop Inlet	EA	\$1,423.00		\$0.00
	Storm Drain Manhole - 24"	EA	\$1,697.00		\$0.00
	Storm Drain Manhole - 36"	EA	\$1,698.00		\$0.00
	Storm Drain Manhole - 48"	EA	\$2,298.00		\$0.00
	Storm Drain Manhole - 60"	EA	\$3,420.00		\$0.00
	Storm Drain Manhole - 72"	EA	\$4,571.00		\$0.00
	Storm Drain Manhole With Trap - 36"	EA	\$2,465.00		\$0.00
	Storm Drain Manhole With Trap - 72"	EA	\$4,898.00		\$0.00
	Drain Pipe - 6" and Under	LF	\$18.60		\$0.00
	Drain Pipe - 8"	LF	\$21.90		\$0.00
	Drain Pipe - 10"	LF	\$24.65		\$0.00
	Drain Pipe - 12"	LF	\$26.85		\$0.00
	Drain Pipe - 15"	LF	\$30.70		\$0.00
	Drain Pipe - 18"	LF	\$35.60		\$0.00
	Drain Pipe - 21"	LF	\$40.00		\$0.00
	Drain Pipe - 24"	LF	\$43.80		\$0.00
	Drain Pipe - 30"	LF	\$48.70		\$0.00
	Drain Pipe - 36"	LF	\$56.90		\$0.00
	Drain Pipe - 42"	LF	\$65.65		\$0.00
	Drain Pipe - 48"	LF	\$76.10		\$0.00
	Drain Pipe - 54"	LF	\$82.10		\$0.00
	Drain Pipe - 60"	LF	\$88.15		\$0.00
	Drain Pipe - 72"	LF	\$101.25		\$0.00
	Flared End Section - 18" & Under	EA	\$285.00		\$0.00
	Flared End Section - 21" to 36"	EA	\$372.00		\$0.00
	Flared End Section - 42" and Over	EA	\$569.00		\$0.00
	Drain Pipe - 21"x15" Arch Pipe	LF	\$50.90		\$0.00
	Drain Pipe - 24"x18" Arch Pipe	LF	\$56.90		\$0.00
	Drain Pipe - 28"x20" Arch Pipe	LF	\$63.50		\$0.00
	Drain Pipe - 35"x24" Arch Pipe	LF	\$69.50		\$0.00
	Drain Pipe - 42"x29" Arch Pipe	LF	\$75.50		\$0.00
	Drain Pipe - 49"x33" Arch Pipe	LF	\$82.05		\$0.00
	Drain Pipe - 57"x38" Arch Pipe	LF	\$88.70		\$0.00
	Drain Pipe - 64"x43" Arch Pipe	LF	\$101.80		\$0.00
	Drain Pipe - 71"x47" Arch Pipe	LF	\$113.90		\$0.00
	Concrete Box Culvert - 2'x4'	LF	\$56.95		\$0.00
	Concrete Box Culvert - 3'x6'	LF	\$94.15		\$0.00
	Concrete Box Culvert - 4'x8'	LF	\$139.05		\$0.00
	Concrete Box Culvert - 5'x10'	LF	\$170.75		\$0.00
	Headwall/wingwall	SF	\$17.50		\$0.00
	Catchbasin	EA	\$854.00		\$0.00
	Roadside drainage ditch	LF	\$9.30		\$0.00
	Drainage swale	LF	\$6.85		\$0.00
	Ditch - paved	LF	\$12.60		\$0.00
	Ditch - rock lined	LF	\$12.05		\$0.00
	No. 2 Catrans ditch backing	CY	\$94.15		\$0.00
	Rock inlet/outlet protection	SF	\$13.70		\$0.00
	Paved apron/overside drain	EA	\$400.00		\$0.00
	AC dike/ditch transition	EA	\$400.00		\$0.00
	Channel lining	SF	\$2.85		\$0.00
	Trench paving (3" AC / 6" AB)	SF	\$2.85		\$0.00
	Trench paving (4" AC / 12" AB)	SF	\$4.05		\$0.00
	Sediment Trap	EA	\$3,777.00		\$0.00
	Detention facility, per acre of shed area	EA	\$5,693.00		\$0.00
				Subtotal B	\$0.00

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ATTACHMENT B

Placer County Community Development Resource Agency
Engineering and Surveying Department
Effective Plan Check and Inspection Fee Spreadsheet

C UTILITIES					
Utility trench and backfill	LF	\$18.65			\$0.00
Joint trench road crossings and stubs	EA	\$1,259.00			\$0.00
Relocate valve	EA	\$399.00			\$0.00
				Subtotal C	\$0.00
D RETAINING WALLS					
Retaining Wall	SF	\$16.95			\$0.00
Sound Wall	SF	\$13.70			\$0.00
				Subtotal D	\$0.00
E. ROADWAYS					
2" AC	SF	\$1.15			\$0.00
3" AC	SF	\$1.45			\$0.00
4" AC	SF	\$1.75			\$0.00
6" AC	SF	\$2.85			\$0.00
4" AB	SF	\$1.15			\$0.00
6" AB	SF	\$1.75			\$0.00
8" AB	SF	\$1.95			\$0.00
10" AB	SF	\$2.30			\$0.00
12" AB	SF	\$2.60			\$0.00
Slurry seal	SF	\$0.45			\$0.00
Chip seal	SF	\$0.50			\$0.00
Double chip seal	SF	\$0.80			\$0.00
2" AC overlay	SF	\$1.15			\$0.00
3" AC overlay	SF	\$1.45			\$0.00
AC dike	LF	\$3.40			\$0.00
AB shoulder	SF	\$1.15			\$0.00
PCC paving - 6"	SF	\$4.00			\$0.00
Concrete curb	LF	\$11.50			\$0.00
Concrete curb and gutter	LF	\$16.95			\$0.00
Concrete V-gutter	SF	\$3.40			\$0.00
Sidewalk (6" Thick)	SF	\$3.40			\$0.00
Driveway (A6)	EA	\$1,698.00			\$0.00
Pedestrian/Equestrian Path	SF	\$0.60			\$0.00
				Subtotal E	\$0.00
F. AMENITIES					
Street light	EA	\$2,298.00			\$0.00
Street light base	EA	\$251.75			\$0.00
Street name sign	EA	\$284.50			\$0.00
Traffic sign	EA	\$284.50			\$0.00
Barricade (Plate 45)	EA	\$940.00			\$0.00
Barricade, remove	EA	\$186.00			\$0.00
Barricade, pedestrian (mod. Plate 45)	EA	\$508.75			\$0.00
Guide posts	EA	\$125.75			\$0.00
Emergency vehicle gate	EA	\$1,148.00			\$0.00
Fence - post & cable	LF	\$9.30			\$0.00
Fence - open iron	LF	\$16.95			\$0.00
Fence - split rail	LF	\$11.50			\$0.00
Pavement marking	LF	\$1.15			\$0.00
Fire tank - 10,000 gal. w/ hydrant	EA	\$11,490.00			\$0.00
Trash enclosure	EA	\$2,792.00			\$0.00
Guardrail	LF	\$115.10			\$0.00
Guardrail - cable anchor assembly	EA	\$629.00			\$0.00
Guardrail - terminal section	EA	\$629.00			\$0.00
Survey monument & well (incl brass caps)	EA	\$575.00			\$0.00
Landscaping	SF	\$2.30			\$0.00
Traffic signal	EA	\$290,300.00			\$0.00
				Subtotal F	\$0.00
G. WINTERIZATION AND EROSION CONTROL					
Construction fencing	LF	\$2.30			\$0.00
Silt fencing	LF	\$3.40			\$0.00
Inlet protection	EA	\$115.20			\$0.00
Check dams	EA	\$229.85			\$0.00
Straw bale dike	LF	\$2.85			\$0.00
Hydroseed	AC	\$2,845.00			\$0.00
Fiber blanket	SF	\$0.45			\$0.00
Construction entrance	EA	\$569.00			\$0.00
Sediment Trap	EA	\$628.00			\$0.00
				Subtotal G	\$0.00

ATTACHMENT B

Placer County Community Development Resource Agency
Engineering and Surveying Department
Effective Plan Check and Inspection Fee Spreadsheet

H. SANITARY SEWER FACILITIES				
Sewer MH - 48"	EA	\$2,517.00		\$0.00
Sewer MH - 60"	EA	\$3,832.00		\$0.00
Sewer Drop Connection - 6"	EA	\$454.00		\$0.00
Sewer Drop Connection - 8"	EA	\$628.00		\$0.00
Sewer Flushing Branch	EA	\$454.00		\$0.00
Sewer Pipe - 4"	LF	\$21.90		\$0.00
Sewer Pipe - 6"	LF	\$31.70		\$0.00
Sewer Pipe - 8"	LF	\$35.00		\$0.00
Sewer Pipe - 10"	LF	\$37.20		\$0.00
Sewer Pipe - 12"	LF	\$40.50		\$0.00
Sewer Service - 4"	EA	\$684.00		\$0.00
Sewer Service - 6"	EA	\$800.00		\$0.00
Sewer Service - 8"	EA	\$940.00		\$0.00
Sewer Force Main - 1 1/2"	LF	\$10.40		\$0.00
Sewer Force Main - 2"	LF	\$12.60		\$0.00
Sewer Force Main - 4"	LF	\$16.95		\$0.00
Sewer Force Main - 6"	LF	\$20.55		\$0.00
4" flexible double ball expansion joint	EA	\$153.10		\$0.00
6" flexible double ball expansion joint	EA	\$186.10		\$0.00
4" check valve assembly	EA	\$684.00		\$0.00
4" single bypass port assembly	EA	\$684.00		\$0.00
Sewer lift station	EA	\$229,900.00		\$0.00
Metering manhole	EA	\$6,266.00		\$0.00
Sewer release valve assembly	EA	\$950.00		\$0.00
Sewer Clean Out	EA	\$372.00		\$0.00
Sewer - Adjust MH to Grade	EA	\$438.00		\$0.00
Sewer - Connect to Existing	EA	\$940.00		\$0.00
			Subtotal H	\$0.00
I. ADDITIONAL COSTS (List)				
			Subtotal I	\$0.00

ATTACHMENT B

Placer County Community Development Resource Agency
Engineering and Surveying Department
Effective Plan Check and Inspection Fee Spreadsheet

SUMMARY OF COSTS & FEES

A	EARTHWORK			\$0.00
B	STORM DRAINAGE			\$0.00
C	UTILITIES			\$0.00
D	RETAINING WALLS			\$0.00
E	ROADWAYS			\$0.00
F	AMENITIES			\$0.00
G	WINTERIZATION AND EROSION CONTROL			\$0.00
H	SANITARY SEWER FACILITIES			\$0.00
I	ADDITIONAL COSTS			\$0.00
	SUBTOTAL - ENGINEER'S ESTIMATE			\$0.00
	10% CONTINGENCY			\$0.00
	TOTAL			\$0.00
	TOTAL FEE (See Schedule of Fees)			\$2,550.00
	INITIAL SUBMITTAL - Plan Check Fee Portion (40%)			\$1,020.00
	FINAL SUBMITTAL - Inspection Fee Portion (60%)			\$1,530.00

ADDITIONAL COSTS FOR PROJECT BOND ESTIMATE (Not Required For Fee)		Unit Cost	Quantity	Subtotal
J.	WATER			
	Connect to Existing - Water	LS	\$830.00	\$0.00
	Water Pipe - 2"	LF	\$16.95	\$0.00
	Water Pipe - 4"	LF	\$25.15	\$0.00
	Water Pipe - 6"	LF	\$33.95	\$0.00
	Water Pipe - 8"	LF	\$39.40	\$0.00
	Water Pipe - 10"	LF	\$46.00	\$0.00
	Water Pipe - 12"	LF	\$56.90	\$0.00
	Water Pipe - 15"	LF	\$74.40	\$0.00
	Water Pipe - 18"	LF	\$85.45	\$0.00
	Water Pipe - 24"	LF	\$115.20	\$0.00
	Water - Air Relief Valve	EA	\$1,151.00	\$0.00
	Water - 2" Blow Off Valve	EA	\$929.00	\$0.00
	Backflow Device	EA	\$929.00	\$0.00
	8" Flexible Dbl-Ball Expansion Joint	EA	\$1,040.00	\$0.00
	Water Valve - 4" and under	EA	\$398.75	\$0.00
	Water Valve - 6"	EA	\$854.00	\$0.00
	Water Valve - 8"	EA	\$854.00	\$0.00
	Water Valve - 10"	EA	\$854.00	\$0.00
	Water Valve - 12"	EA	\$854.00	\$0.00
	Water Valve - 15"	EA	\$1,422.00	\$0.00
	Water Valve - 18"	EA	\$1,422.00	\$0.00
	Water Valve - 24"	EA	\$2,296.00	\$0.00
	Fire Department Connection	EA	\$1,224.00	\$0.00
	10" Check Valve	EA	\$3,420.00	\$0.00
	Fire Hydrant Assembly	EA	\$2,845.00	\$0.00
	Water Service With Meter - Under 1"	EA	\$520.00	\$0.00
	Water Service With Meter - 1"	EA	\$575.00	\$0.00
	Water Service With Meter - 1 1/2"	EA	\$684.00	\$0.00
	Water Service With Meter - 2"	EA	\$854.00	\$0.00
			Subtotal J	\$0.00

Before the Board of Supervisors County of Placer, State of California

In the matter of:

A resolution to adjust the Plan Check and Inspection Fee Spreadsheet based on the Construction Cost Index, as published in the Engineering News Record.

Resolution No.: _____
FIRST READING: _____

The following Resolution was duly passed by the Board of Supervisors of the County of Placer at a regular meeting held June 24, 2008; by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

Attest:

Clerk of said Board

Chairman, Board of Supervisors

Ann Holman

Jim Holmes

BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF THE COUNTY OF PLACER, STATE OF CALIFORNIA, AS FOLLOWS:

WHEREAS, in July 2001, the Board of Supervisors approved a plan check and inspection fee process that was based on a Standard Unit Cost Spreadsheet. The Board also authorized annual inflationary adjustments to the spreadsheet based on the Construction Cost Index (CCI) as published in the Engineering News Record (ENR).

WHEREAS, the CCI published an increase of 3.3% for the period between April 2007 and April 2008.

WHEREAS, there exists a reasonable relationship between the Standard Unit Cost Spreadsheet and the assessment of plan check and inspection fees upon which it is based.

NOW, THEREFORE, BE IT RESOLVED, The Standard Unit Cost spreadsheet as referred to in the existing ordinance under Section 16.08.170(F)(2) shall be modified per the attached Exhibit A.

Attachment: Exhibit "A" - Proposed effective Unit Cost Spreadsheet

EXHIBIT A

Placer County Community Development Resource Agency
Engineering and Surveying Department
Effective Plan Check and Inspection Fee Spreadsheet

Project:
Submitted By:

Date:

ENR Index 8126, April 2008 BOS Adopted June 24, 2008 Effective July 1, 2008

	Item	Unit	Unit Cost	Quantity	Subtotal
A	EARTHWORK				
	Roadway excavation	CY	\$6.30		\$0.00
	Earthwork - import	CY	\$9.70		\$0.00
	Site grading and compaction	SF	\$0.60		\$0.00
	Export material	CY	\$7.40		\$0.00
	Clear and grub	AC	\$1,136.00		\$0.00
	Sawcut and remove existing AC	SF	\$1.16		\$0.00
				Subtotal A	\$0.00
B	STORM DRAINAGE				
	Storm Drain Drop Inlet	EA	\$1,423.00		\$0.00
	Storm Drain Manhole - 24"	EA	\$1,697.00		\$0.00
	Storm Drain Manhole - 36"	EA	\$1,698.00		\$0.00
	Storm Drain Manhole - 48"	EA	\$2,298.00		\$0.00
	Storm Drain Manhole - 60"	EA	\$3,420.00		\$0.00
	Storm Drain Manhole - 72"	EA	\$4,571.00		\$0.00
	Storm Drain Manhole With Trap - 36"	EA	\$2,465.00		\$0.00
	Storm Drain Manhole With Trap - 72"	EA	\$4,898.00		\$0.00
	Drain Pipe - 6" and Under	LF	\$18.60		\$0.00
	Drain Pipe - 8"	LF	\$21.90		\$0.00
	Drain Pipe - 10"	LF	\$24.65		\$0.00
	Drain Pipe - 12"	LF	\$26.85		\$0.00
	Drain Pipe - 15"	LF	\$30.70		\$0.00
	Drain Pipe - 18"	LF	\$35.60		\$0.00
	Drain Pipe - 21"	LF	\$40.00		\$0.00
	Drain Pipe - 24"	LF	\$43.80		\$0.00
	Drain Pipe - 30"	LF	\$48.70		\$0.00
	Drain Pipe - 36"	LF	\$56.90		\$0.00
	Drain Pipe - 42"	LF	\$65.65		\$0.00
	Drain Pipe - 48"	LF	\$76.10		\$0.00
	Drain Pipe - 54"	LF	\$82.10		\$0.00
	Drain Pipe - 60"	LF	\$88.15		\$0.00
	Drain Pipe - 72"	LF	\$101.25		\$0.00
	Flared End Section - 18" & Under	EA	\$285.00		\$0.00
	Flared End Section - 21" to 36"	EA	\$372.00		\$0.00
	Flared End Section - 42" and Over	EA	\$569.00		\$0.00
	Drain Pipe - 21"x15" Arch Pipe	LF	\$50.90		\$0.00
	Drain Pipe - 24"x18" Arch Pipe	LF	\$56.90		\$0.00
	Drain Pipe - 28"x20" Arch Pipe	LF	\$63.50		\$0.00
	Drain Pipe - 35"x24" Arch Pipe	LF	\$69.50		\$0.00
	Drain Pipe - 42"x29" Arch Pipe	LF	\$75.50		\$0.00
	Drain Pipe - 49"x33" Arch Pipe	LF	\$82.05		\$0.00
	Drain Pipe - 57"x38" Arch Pipe	LF	\$88.70		\$0.00
	Drain Pipe - 64"x43" Arch Pipe	LF	\$101.80		\$0.00
	Drain Pipe - 71"x47" Arch Pipe	LF	\$113.90		\$0.00
	Concrete Box Culvert - 2'x4'	LF	\$56.85		\$0.00
	Concrete Box Culvert - 3'x6'	LF	\$94.15		\$0.00
	Concrete Box Culvert - 4'x8'	LF	\$139.05		\$0.00
	Concrete Box Culvert - 5'x10'	LF	\$170.75		\$0.00
	Headwall/wingwall	SF	\$17.50		\$0.00
	Catchbasin	EA	\$854.00		\$0.00
	Roadside drainage ditch	LF	\$9.30		\$0.00
	Drainage swale	LF	\$6.85		\$0.00
	Ditch - paved	LF	\$12.60		\$0.00
	Ditch - rock lined	LF	\$12.05		\$0.00
	No. 2 Caltrans ditch backing	CY	\$94.15		\$0.00
	Rock inlet/outlet protection	SF	\$13.70		\$0.00
	Paved apron/overside drain	EA	\$400.00		\$0.00
	AC dike/ditch transition	EA	\$400.00		\$0.00
	Channel lining	SF	\$2.85		\$0.00
	Trench paving (3" AC / 6" AB)	SF	\$2.85		\$0.00
	Trench paving (4" AC / 12" AB)	SF	\$4.05		\$0.00
	Sediment Trap	EA	\$3,777.00		\$0.00
	Detention facility, per acre of shed area	EA	\$5,693.00		\$0.00
				Subtotal B	\$0.00

EXHIBIT A

Placer County Community Development Resource Agency
Engineering and Surveying Department
Effective Plan Check and Inspection Fee Spreadsheet

C UTILITIES				
Utility trench and backfill	LF	\$18.65		\$0.00
Joint trench road crossings and stubs	EA	\$1,259.00		\$0.00
Relocate valve	EA	\$399.00		\$0.00
			Subtotal C	\$0.00
D RETAINING WALLS				
Retaining Wall	SF	\$16.95		\$0.00
Sound Wall	SF	\$13.70		\$0.00
			Subtotal D	\$0.00
E. ROADWAYS				
2" AC	SF	\$1.15		\$0.00
3" AC	SF	\$1.45		\$0.00
4" AC	SF	\$1.75		\$0.00
6" AC	SF	\$2.85		\$0.00
4" AB	SF	\$1.15		\$0.00
6" AB	SF	\$1.75		\$0.00
8" AB	SF	\$1.95		\$0.00
10" AB	SF	\$2.30		\$0.00
12" AB	SF	\$2.60		\$0.00
Sturry seal	SF	\$0.45		\$0.00
Chip seal	SF	\$0.50		\$0.00
Double chip seal	SF	\$0.60		\$0.00
2" AC overlay	SF	\$1.15		\$0.00
3" AC overlay	SF	\$1.45		\$0.00
AC dike	LF	\$3.40		\$0.00
AB shoulder	SF	\$1.15		\$0.00
PCC paving - 6"	SF	\$4.00		\$0.00
Concrete curb	LF	\$11.50		\$0.00
Concrete curb and gutter	LF	\$16.95		\$0.00
Concrete V-gutter	SF	\$3.40		\$0.00
Sidewalk (6" Thick)	SF	\$3.40		\$0.00
Driveway (AB)	EA	\$1,698.00		\$0.00
Pedestrian/Equestrian Path	SF	\$0.60		\$0.00
			Subtotal E	\$0.00
F. AMENITIES				
Street light	EA	\$2,298.00		\$0.00
Street light base	EA	\$251.75		\$0.00
Street name sign	EA	\$284.50		\$0.00
Traffic sign	EA	\$284.50		\$0.00
Barricade (Plate 45)	EA	\$940.00		\$0.00
Barricade, remove	EA	\$186.00		\$0.00
Barricade, pedestrian (mod. Plate 45)	EA	\$508.75		\$0.00
Guide posts	EA	\$125.75		\$0.00
Emergency vehicle gate	EA	\$1,148.00		\$0.00
Fence - post & cable	LF	\$9.30		\$0.00
Fence - open iron	LF	\$16.95		\$0.00
Fence - split rail	LF	\$11.50		\$0.00
Pavement marking	LF	\$1.15		\$0.00
Fire tank - 10,000 gal. w/ hydrant	EA	\$11,490.00		\$0.00
Trash enclosure	EA	\$2,792.00		\$0.00
Guardrail	LF	\$115.10		\$0.00
Guardrail - cable anchor assembly	EA	\$629.00		\$0.00
Guardrail - terminal section	EA	\$629.00		\$0.00
Survey monument & well (incl brass caps)	EA	\$575.00		\$0.00
Landscaping	SF	\$2.30		\$0.00
Traffic signal	EA	\$290,300.00		\$0.00
			Subtotal F	\$0.00
G. WINTERIZATION AND EROSION CONTROL				
Construction fencing	LF	\$2.30		\$0.00
Silt fencing	LF	\$3.40		\$0.00
Inlet protection	EA	\$115.20		\$0.00
Check dams	EA	\$229.85		\$0.00
Straw bale dike	LF	\$2.85		\$0.00
Hydroseed	AC	\$2,845.00		\$0.00
Fiber blanket	SF	\$0.45		\$0.00
Construction entrance	EA	\$569.00		\$0.00
Sediment Trap	EA	\$628.00		\$0.00
			Subtotal G	\$0.00

EXHIBIT A

Placer County Community Development Resource Agency
 Engineering and Surveying Department
 Effective Plan Check and Inspection Fee Spreadsheet

H. SANITARY SEWER FACILITIES				
Sewer MH - 48"	EA	\$2,517.00		\$0.00
Sewer MH - 60"	EA	\$3,832.00		\$0.00
Sewer Drop Connection - 6"	EA	\$454.00		\$0.00
Sewer Drop Connection - 8"	EA	\$628.00		\$0.00
Sewer Flushing Branch	EA	\$454.00		\$0.00
Sewer Pipe - 4"	LF	\$21.90		\$0.00
Sewer Pipe - 6"	LF	\$31.70		\$0.00
Sewer Pipe - 8"	LF	\$35.00		\$0.00
Sewer Pipe - 10"	LF	\$37.20		\$0.00
Sewer Pipe - 12"	LF	\$40.50		\$0.00
Sewer Service - 4"	EA	\$684.00		\$0.00
Sewer Service - 6"	EA	\$800.00		\$0.00
Sewer Service - 8"	EA	\$940.00		\$0.00
Sewer Force Main - 1 1/2"	LF	\$10.40		\$0.00
Sewer Force Main - 2"	LF	\$12.60		\$0.00
Sewer Force Main - 4"	LF	\$16.95		\$0.00
Sewer Force Main - 6"	LF	\$20.55		\$0.00
4" flexible double ball expansion joint	EA	\$153.10		\$0.00
6" flexible double ball expansion joint	EA	\$186.10		\$0.00
4" check valve assembly	EA	\$684.00		\$0.00
4" single bypass port assembly	EA	\$684.00		\$0.00
Sewer lift station	EA	\$229,900.00		\$0.00
Metering manhole	EA	\$6,268.00		\$0.00
Sewer release valve assembly	EA	\$950.00		\$0.00
Sewer Clean Out	EA	\$372.00		\$0.00
Sewer - Adjust MH to Grade	EA	\$438.00		\$0.00
Sewer - Connect to Existing	EA	\$940.00		\$0.00
			Subtotal H	\$0.00
I. ADDITIONAL COSTS (List)				
			Subtotal I	\$0.00

EXHIBIT A

Placer County Community Development Resource Agency
Engineering and Surveying Department
Effective Plan Check and Inspection Fee Spreadsheet

SUMMARY OF COSTS & FEES

A	EARTHWORK			\$0.00
B	STORM DRAINAGE			\$0.00
C	UTILITIES			\$0.00
D	RETAINING WALLS			\$0.00
E	ROADWAYS			\$0.00
F	AMENITIES			\$0.00
G	WINTERIZATION AND EROSION CONTROL			\$0.00
H	SANITARY SEWER FACILITIES			\$0.00
I	ADDITIONAL COSTS			\$0.00
	SUBTOTAL - ENGINEER'S ESTIMATE			\$0.00
	10% CONTINGENCY			\$0.00
	TOTAL			\$0.00
	TOTAL FEE (See Schedule of Fees)			\$2,550.00
	INITIAL SUBMITTAL - Plan Check Fee Portion (40%)			\$1,020.00
	FINAL SUBMITTAL - Inspection Fee Portion (60%)			\$1,530.00

ADDITIONAL COSTS FOR PROJECT BOND ESTIMATE (Not Required For Fee)		Unit Cost	Quantity	Subtotal
J. WATER				
Connect to Existing - Water	LS	\$630.00		\$0.00
Water Pipe - 2"	LF	\$16.95		\$0.00
Water Pipe - 4"	LF	\$25.15		\$0.00
Water Pipe - 6"	LF	\$33.95		\$0.00
Water Pipe - 8"	LF	\$39.40		\$0.00
Water Pipe - 10"	LF	\$46.00		\$0.00
Water Pipe - 12"	LF	\$56.90		\$0.00
Water Pipe - 15"	LF	\$74.40		\$0.00
Water Pipe - 18"	LF	\$85.45		\$0.00
Water Pipe - 24"	LF	\$115.20		\$0.00
Water - Air Relief Valve	EA	\$1,151.00		\$0.00
Water - 2" Blow Off Valve	EA	\$929.00		\$0.00
Backflow Device	EA	\$929.00		\$0.00
8" Flexible OBI-Ball Expansion Joint	EA	\$1,040.00		\$0.00
Water Valve - 4" and under	EA	\$398.75		\$0.00
Water Valve - 6"	EA	\$854.00		\$0.00
Water Valve - 8"	EA	\$854.00		\$0.00
Water Valve - 10"	EA	\$854.00		\$0.00
Water Valve - 12"	EA	\$854.00		\$0.00
Water Valve - 15"	EA	\$1,422.00		\$0.00
Water Valve - 18"	EA	\$1,422.00		\$0.00
Water Valve - 24"	EA	\$2,296.00		\$0.00
Fire Department Connection	EA	\$1,224.00		\$0.00
10" Check Valve	EA	\$3,420.00		\$0.00
Fire Hydrant Assembly	EA	\$2,845.00		\$0.00
Water Service With Meter - Under 1"	EA	\$520.00		\$0.00
Water Service With Meter - 1"	EA	\$575.00		\$0.00
Water Service With Meter - 1 1/2"	EA	\$684.00		\$0.00
Water Service With Meter - 2"	EA	\$854.00		\$0.00
			Subtotal J	\$0.00

