County of San Diego

DEPARTMENT OF PUBLIC WORKS

LAND DEVELOPMENT DIVISION

Unit Price List

Approved May 2006

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The following list of unit prices is approved for use by the County of San Diego, Department of Public Works in providing general cost estimates for the work normally associated with land development activity.

APPROVED BY: JOHN L. SNYDER, Director

EFFECTIVE DATE: January 3, 2006
REVISION DATE: May 24, 2006
SUNSET DATE:

NOTE: This list of "pre-approved" unit costs is intended as a tool in creating engineer estimates and improvement agreements. Those wishing to using difference costs, must provide supporting evidence justifying those costs. The department will consider the use of other unit costs based upon evidence provided and make a final ruling.

EARTHWORK

ITEM	DESCRIPTION	UNIT	PRICE
Grading	Embankment/ Excavation		
	0-1000	C. Y.	$ 20.00
	1000-20,000	C. Y.	11.00
	20,001	C. Y.	6.50
	Export or Import		
	0-1,000	C. Y.	28.00
	1,001 +	C. Y.	22.00
	> 20,000	C. Y.	12.00
Clearing and Grubbing		S. F.	.45
Erosion Control	Sand/Gravel bag	EA.	3.00
	Jute Mat (not as independent BMP)	S. F	.40
	Straw Mat	S. F.	.28
	Straw bales	EA.	5.00
	Silt Fence	L. F	1.60
	Fiber rolls	L. F	3.00
	Wood Fiber Mat	S. F.	.25
	Coconut Fiber Mat	S. F.	.40
	Hydro-Seed	S. F.	.33
	Bonded Fiber Matrix	S. F.	.09
	Guar binder	S. F.	.03
Sub drain	4 – 6"	L. F	30.00
	8"	L. F.	35.00
Subdrain headwall		EA.	2,500.00

LANDSCAPING

ITEM	DESCRIPTION	UNIT	PRICE
PLANTING			
Shrubs	1 Gallon	EA.	$ 6.00
	5 gallon	EA.	20.00
Slope Planting (Ground Cover)		S. F.	.48
Slope Planting(Ground Cover + trees and Shrubs)		S. F.	.79
Slope Planting (Hydro-Seeding)		S. F.	.13
Tree	5 Gallon	EA.	15.00
	15 Gallon	EA.	85.00
	24" Box	EA.	50.00
	36" Box	EA.	350.00
	48" Box	EA.	650.00
Tree Grate	W/2 frame	EA.	80.00
Tree Maintenance		Tree/year	200.00
IRRIGATION			
Backflow prevention Assembly	W/Enclosure	EA.	1,650.00
Slope irrigation		S. F.	.59

ITEM	DESCRIPTION	UNIT	PRICE
AC Spillway	D-22	EA.	$ 320.00
Box Culvert	P.C.C.	C Y.	1,100.00
Catch Basin	Type G (D-8)	EA.	4,800.00
	Type F (D-7)	EA.	4,000.00
	Type I (D-29)	EA.	4,300.00
Cleanouts	Type A (D-9)	EA.	4,200.00
(Storm Drain)	Type B (D-10)	EA.	4,500.00
Concrete	Structural	C. Y.	550.00
Concrete Energy Dissipater	D-41	EA.	8,200.00
Concrete Lug	D-63	EA.	1,100.00
Concrete Pipe Collar	D-62	EA.	2,500.00
Culvert, Pipe	12" or less	L. F.	55.00
Reinforced Concrete	18"	L. F.	95.00
(RCP)	24"	L. F.	110.00
	30"	L. F.	120.00
	36"	L. F.	145.00
	42"	L. F.	165.00
	48"	L. F.	175.00
	54"	L. F.	200.00
	60"	L. F.	255.00
	72"	L. F.	290.00
Culvert, (PVC Pipe)	4" – 6"	L. F.	12.00
	8" – 12"	L. F.	25.00
	18"	L. F.	60.00
	24"	L. F.	75.00
	30"	L. F.	85.00
	36:	L. F.	95.00
	42"	L. F.	100.00
Curb Inlet	Type A (D-1)	EA.	5,000.00
	Type B (D-2)	EA.	5,000.00
	Type C (D-3)	EA.	5,500.00
Curb Outlet	Type A (D-25)	EA.	2,500.00
Curb outlet, Sidewalk	D-27	EA.	500.00
Underdrain Pipe			

ITEM	DESCRIPTION	UNIT	PRICE
Curtain Wall	D-38	EA.	$ 600.00
	D-72	EA.	650.00
Drainage Channel	P.C.C (D-70 & D-71)	L. F.	1,025.00
Drainage Ditch	D-75	L. F.	25.00
HEC-2 Study and FEMA revision		L. S.	30,000.00
Headwalls	Gravity Type (Up to 60")	EA.	3,000.00
	Gravity Type (Larger than 60")	EA.	5,800.00
	Wing Type (Up to 60")	EA.	4,800.00
	Wing Type (Larger than 60")	EA.	7,000.00
Inlet Apron	D-39	EA.	1,700.00
Pipe Collar	D-62	EA.	2,500.00
Rip Rap			
(Energy Dissipator)	D-40 (.25 Ton)	C. Y	150.00
	(.50 Ton)	C. Y	160.00
	(1.0 Ton)	C. Y	170.00
	(2.0 Ton)	C. Y	180.00
	(4.0 Ton)	C. Y	200.00

SURFACE IMPROVEMENT

ITEM	DESCRIPTION	UNIT	PRICE
A.C Berm (G-5)	4" A.C.	L. F.	$ 8.00
	6" A.C.	L. F.	9.50
	8" A.C.	L. F.	11.00
A.C. Overlay	1"- 2"	S. F.	1.00
Alley Apron	G-17	S. F.	8.00
Curb+Gutter	Removal	L. F.	3.00
	Type B-2 (G-6)	L. F.	21.00
	6" Type G (G-2)	L. F.	21.00
	8" Type G (G-2)	L. F.	24.00
	6" Type H (G-2)	L. F.	25.00
	8" Type H (G-2)	L. F.	30.00
	Rolled Curb (G-4)	L. F.	26.00
Cutoff Wall @ End of Pvmt.	G-22,23	EA.	1,000.00
Gutter (Cross-Gutter)	G-12, G-13	S. F.	8.00
Driveway	G-14A,B,C	S. F.	7.00
Median,	Stamped concrete	S. F.	5.00
(SDG-112)	Decorative concrete	S. F.	6.50
	Interlocking Pavers	S. F.	10.50
Pavement Design	Schedule J	S. F.	5.00
Paving, AC	1" Surface	S. F.	.75
	2" Surface	S. F.	1.00
	3" Surface	S. F.	1.50
	4" Surface	S. F.	2.00
	5" Surface	S. F.	2.50
Paving, (CTB)	4" Surface	S. F.	. 1.00
	5" Surface	S. F.	1.05
	6" Surface	S. F.	. 1.25
	8" Surface	S. F.	1.60
	10" Surface	S. F	1.65
Paving P.C.C.	5"	S. F.	5.00
	5.5"	S. F.	5.50
	6"	S. F	6.00
	8"	S. F.	6.50
	9"	S. F.	7.50

ITEM	DESCRIPTION	UNIT	PRICE
Paving Preparation of Sub grade	-	S. F.	$ .40
Ped. Ramp	G-27 thr G-30		
	(0-4)	EA.	1,400.00
	4+	EA.	1,200.00
Ped Ramp	Alley (G-31)	EA	1,600.00
Sidewalk	Removal	S. F.	1.50
Sidewalk	0-5000	S. F.	5.00
(G-7)	5000+	S. F.	4.00
Trench Resurfacing	SDG-107 & SDG-108	L. F.	25.00

TRAFFIC

ITEM	DESCRIPTION	UNIT	PRICE
Detector Loops		EA.	450.00
Video Detection		Per approach	8,000.00
Pull Box	Type 3	EA.	240.00
	Type 5	EA.	265.00
	Type 6	EA.	275.00
Signal Ahead Flasher		EA.	4,500.00
Remove Striping		L. F	2.00
Relocate Pull Box		EA.	400.00
Street Light	L. P. Sodium (E-1)	EA.	6,000.00
	H. P. Sodium	EA.	6,000.00
Street Name Sign	SDM-102	EA.	400.00
Street Striping	0 – 4000'	L. F.	1.00
	4,000' +	L. F.	.60
	2x2 Tee	L. S.	100,000.00
Traffic Signal (based on number of lanes at Intersection)	2 x 2	L. S.	120,000.00
	4 x 2	L. S.	135,000.00
	4 x 4	L. S.	150,000.00
	4 x 6	L. S.	165,000.00
	6 x 6	L. S.	175,000.00
	8 x 6	L. S.	230,000.00
Traffic Control	Estimated improvement	0 - 1,000,000	5%
	Estimated improvement	1,000,000+	3%
Traffic Signal		L. F.	20.00

UTILITIES

ITEM	DESCRIPTION	UNIT	PRICE
SEWER			
Concrete Anchor	S – 9	L. F.	$ 1,262.00
Concrete Cradle	8" Sewer	L. F.	13.95
(S-6)	12" Sewer	L. F.	17.60
	15" Sewer	L. F.	20.35
	24" Sewer	L. F.	30.00
	48" Sewer	L. F.	78.25
Concrete encasement	12" Sewer	L. F.	29.20
(S-7)	15" Sewer	L. F.	34.35
	24" Sewer	L. F.	50.40
	48" Sewer	L. F.	116.45
Cutoff Wall	Type B, S-10	EA.	1,474.00
Manhole	S-17	EA.	3,175.00
	S-2	EA.	3,250.00
	4 x 3 w/plastic liner	EA.	3,585.00
	5 x 3 w/plastic liner	EA.	5,525.00
	Locking cover	EA.	822.15
Pressure Sewer Pipe	4"PVC Pipe	L. F.	52.70
	6"PVC Pipe	L. F.	71.75
Sewer Access Rd.	4" Decomposed Granite	S. F.	5.25
	Concrete Surface	S. F.	45.00
Sewer Lateral (house	4", 30' Long	EA.	1,335.00
connection, S-3)	6", 30' Long	EA.	2510.00
Sewer Main (S-4) *	6"	L. F.	
(All materials)	8"	L. F.	72.20
	10"	L. F.	79.90
	12"	L. F.	88.65
	15"	L. F.	97.90
	18"	L. F.	108.50

* Add 2% for every foot of cover over 5 feet

B - WATER			
Air & Vacuum valve	1"	EA.	1,550.00
(W-4)	2"	EA.	2,200.00
Blow-off Assembly	2" Type A (W-6)	EA.	865.00
	3" Type A	EA.	1,600.00

ITEM	DESCRIPTION	UNIT	PRICE
Blow-off Assembly	(SDW-106)		
	2" Type B,C,D	EA.	$ 1,875.00
	(W-7)		
Fire Hydrant	Relocate	EA.	2,200.00
Fire Hydrant (W-10)	New, 2-way	EA.	3,500.00
Fire Hydrant	New, 3-way	EA.	4,000.00
Multiple Service	W – 23	EA.	550.00
Valves	4"	EA.	550.00
	6"	EA.	1,000.00
	8"	EA.	1,800.00
	10"	EA.	2,850.00
	12"	EA.	3,700.00
	16"	EA.	4,650.00
	8" Pressure, Reducing w/ box	EA.	9,820.00
Water Main	W-21,		
(all materials)	W-21, 4"	L. F.	38.00
	W-21, 6"	L. F.	50.00
	W-21, 8"	L. F.	58.00
	W-21, 10"	L. F.	63.00
	W-21, 12"	L. F.	70.00
	W-21, 16"	L. F.	89.00
	W-21, 20" (CL-150)	L. F.	100.00
Water Service w/ meter	1" w/1 x .75" meter (W-1)	EA.	2,389.00
	1" w/1" meter (W-1)	EA.	2,478.00
	2" w/1.5" meter (W-2)	EA.	2,782.00
	2" w/2" meter (W-2)	EA.	2,866.00
	2-2" w/2-2" meter, manifold	EA.	4,561.00
Water Service w/o Meter	1", W-1	EA.	2,267.00
	2", W-2	EA.	2,453.00
	2-2", W-2	EA.	3,183.00

MISCELLANEOUS

ITEM	DESCRIPTION	UNIT	PRICE
Bridge (Vehicular)		S. F.	$ 275.00
Bridge (Pedestrian)		S. F.	250.00
Crash Cushion	G.R.E.A.T.	EA.	36,800.00
Excavation	For Structures	C. Y.	31.00
Fence	Chain Link, 4'	L. F.	12.50
(M-6)	Chain Link 5'	L. F.	14.00
	Chain Link 6'	L. F.	16.00
Guard Rail	Metal Beam (M-30-38)	L. F.	30.00
Guard Post	M-9	EA.	240.00
Guard Barricade	M-9	EA.	450.00
Median Barrier	Type 50, PCC	EA.	55.00
Saw Cut	AC/PCC Pvt.	L. F.	4.00
Shoring	5-10'deep	L. F.	11.20
	11-15'deep	L. F.	17.40
	16-20'deep	L. F.	25.00
Survey Monument	M-10	EA.	800.00
Wall, Retaining	Masonry	S. F.	29.65
	Cast-in-place	C. Y.	675.00
	Gravity	S. F.	22.00
	Crib	S. F.	25.00