



City of Encinitas

Engineering Department

Unit Price List

Effective May 1, 2005

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SECTION 1-EARTHWORK

GRADING

CLEAR AND GRUB	SF	\$ 0.45
CONTAMINATED SOIL REMOVAL	CY	\$ 105.00
EXCAVATE AND EXPORT	CY	GRADED
0-1,000	CY	\$ 27.50
1,001-20,000	CY	\$ 22.00
20,001-100,000	CY	\$ 16.50
100,001-350,000	CY	\$ 11.00
>350,000	CY	\$ 7.15
EXCAVATE AND FILL	CY	GRADED
0-1,000	CY	\$ 20.00
1,001-20,000	CY	\$ 11.50
>20,000	CY	\$ 6.5
IMPORT AND FILL	CY	GRADED
0-1,000	CY	\$ 28.00
1,001-20,000	CY	\$ 22.00
>20,000	CY	\$ 12.00
SUB DRAIN (4" DIAMETER)	LF	\$ 28.00
SUB DRAIN (6" DIAMETER)	LF	\$ 30.00
SUB DRAIN (8" DIAMETER)	LF	\$ 35.00
SUB DRAIN HEADWALL	EA	\$ 2,500.00
SHORING (SUBSURFACE STRUCTURE)	SF	\$ 25.00

BEST MANAGEMENT PRACTICES (BMP'S)

GRAVEL BAG	EA	\$ 1.10
JUTE MAT	SF	\$ 0.40
STRAW MAT	SF	\$ 0.28
STRAW BALES	EA	\$ 5.00
SILT FENCE	LF	\$ 1.60
FIBER ROLLS	LF	\$ 2.25
FIBER MATT	SF	\$ 0.40
HYDRO-SEED	SF	\$ 0.20
HYDRAULIC MULCH	SF	\$ 0.30

STABILIZED CONSTRUCTION ENTRANCE	SF	\$ 5.25
CONCRETE WASHOUT	EA	\$ 500.00
INLET PROTECTION (SEDIMENT)	EA	\$ 150.00
MISCELLANEOUS SWPPP ITEMS	LS	

SECTION 2-PUBLIC DRAINAGE

PUBLIC RCP CULVERTS

18" RCP STORM DRAIN	LF	\$ 95.00
24" RCP STORM DRAIN	LF	\$ 110.00
30" RCP STORM DRAIN	LF	\$ 120.00
36" RCP STORM DRAIN	LF	\$ 145.00
42" RCP STORM DRAIN	LF	\$ 165.00
48" RCP STORM DRAIN	LF	\$ 175.00
54" RCP STORM DRAIN	LF	\$ 200.00
60" RCP STORM DRAIN	LF	\$ 255.00
72" RCP STORM DRAIN	LF	\$ 285.00

PUBLIC RCP CULVERTS (WITH WATER TIGHT JOINTS)

18" RCP STORM DRAIN (WATER TIGHT JOINTS)	LF	\$ 99.75
24" RCP STORM DRAIN (WATER TIGHT JOINTS)	LF	\$ 115.50
30" RCP STORM DRAIN (WATER TIGHT JOINTS)	LF	\$ 126.00
36" RCP STORM DRAIN (WATER TIGHT JOINTS)	LF	\$ 152.25
42" RCP STORM DRAIN (WATER TIGHT JOINTS)	LF	\$ 173.25
48" RCP STORM DRAIN (WATER TIGHT JOINTS)	LF	\$ 183.75
54" RCP STORM DRAIN (WATER TIGHT JOINTS)	LF	\$ 210.00
60" RCP STORM DRAIN (WATER TIGHT JOINTS)	LF	\$ 267.75
72" RCP STORM DRAIN (WATER TIGHT JOINTS)	LF	\$ 299.25

MISCELLANEOUS PUBLIC DRAINAGE

AC SPILLWAY (D-22)	EA	\$ 320.00
PCC BOX CULVERT	CY	\$ 1,100.00
CATCH BASIN, PER D-7 (TYPE F)	EA	\$ 3,550.00
CATCH BASIN, PER D-8 (TYPE G)	EA	\$ 3,900.00
CLEAN OUT, PER D-9 (TYPE A)	EA	\$ 3,980.00
CLEAN OUT, PER D-10 (TYPE B)	EA	\$ 4,500.00
CATCH BASIN, PER D-29 (TYPE I)	EA	\$ 3,850.00
CONCRETE (STRUCTURAL)	CY	\$ 550.00
CONCRETE ENERGY DISSIPATER, PER D-41	EA	\$ 8,200.00
CONCRETE LUG, PER D-63	EA	\$ 1,200.00
CONCRETE PIPE COLLAR, PER D-62	EA	\$ 2,500.00

CURB INLET, PER D-1 (TYPE A)	EA	\$ 3,850.00
CURB INLET, PER D-2 (TYPE B)	EA	\$ 3,850.00
CURB INLET, PER D-3 (TYPE C)	EA	\$ 4,500.00
CURB INLET, PER D-45 (TYPE J)	EA	\$ 3,550.00
CURB OUTLET, PER D-25 (TYPE A)	EA	\$ 2,500.00
CURB OUTLET-SIDEWALK UNDERRDRAIN, PER D-27	EA	\$ 500.00
CURTAIN WALL, PER D-38	EA	\$ 600.00
CUTOFF WALL WALL, PER D-72	EA	\$ 475.00
PCC DRAINAGE CHANNEL, PER D-70 & 71	LF	\$ 650.00
DRAINAGE DITCH, PER D-75	LF	\$ 15.00
HEC-2 STUDY & FEMA REVISION	LS	\$ 30,000.00
STRAIGHT HEAD WALL PER D-30&31 (TYPE A)	EA	\$ 3,000.00
STRAIGHT HEAD WALL PER D-32&33 (TYPE A-GRAVITY)	EA	\$ 2,700.00
WING/U TYPE HEAD WALL PER D-34/35A&B (18" TO 36"/36" TO 60")	EA	\$ 4,300.00
WING/U TYPE HEAD WALL PER D-35A&B (60" TO 84")	EA	\$ 4,600.00
L TYPE HEADAWALL PER D-36 & 37	EA	\$ 4,100.00
INLET APRON, PER D-39	EA	\$ 1,600.00
CONCRETET ENERGY DISSIPATOR, PER D-41	EA	\$ 8,200.00
RIP RAP , PER D-40 (2 TON)	EA	\$ 2,500.00
RIP RAP , PER D-40 (0.25 -1.0 TON)	EA	\$ 2,100.00
RIP RAP , PER D-40 (NO. 2 BACKING)	EA	\$ 1,750.00
CONNECT TO EXISTING S.D.	EA	\$ 200.00

SECTION 3-PUBLIC SURFACE IMPROVEMENTS

DESCRIPTION	UNIT	UNIT PRICE
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SECTION 3-PUBLIC SURFACE IMPROVEMENTS***PUBLIC CURB AND GUTTER***

CURB & GUTTER REMOVAL	LF	\$ 3.00
MEDIAN CURB & GUTTER, PER G-6 (TYPE B-1)	LF	\$ 12.00
MEDIAN CURB & GUTTER, PER G-6 (TYPE B-2)	LF	\$ 20.00
6" CURB & GUTTER PER G-2 (TYPE G)	LF	\$ 20.00
8" CURB & GUTTER PER G-2 (TYPE G)	LF	\$ 24.00
6" CURB & GUTTER, PER G-2 (TYPE H)	LF	\$ 25.00
8" CURB & GUTTER, PER G-2 (TYPE H)	LF	\$ 30.00
ROLLED CURB, PER G-4	LF	\$ 26.00
4" AC BERM, PER G-5	LF	\$ 8.00
6" AC BERM, PER G-5	LF	\$ 9.50
8" AC BERM, PER G-5	LF	\$ 11.00

PUBLIC PAVEMENT

PAVEMENT DESIGN, PER SDG-113 (SCHEDULE J)	SF	\$ 5.00
AC PAVING (1" SURFACE)	SF	\$ 0.75
AC PAVING (2" SURFACE)	SF	\$ 1.00
AC PAVING (3" SURFACE)	SF	\$ 1.30
AC PAVING (4" SURFACE)	SF	\$ 1.75
AC PAVING (5" SURFACE)	SF	\$ 2.15
CTB PAVING (4" SURFACE)	SF	\$ 1.00
CTB PAVING (6" SURFACE)	SF	\$ 1.05
CTB PAVING (8" SURFACE)	SF	\$ 1.25
CTB PAVING (12" SURFACE)	SF	\$ 1.60
CTB PAVING (14" SURFACE)	SF	\$ 1.65
CTB PAVING (16" SURFACE)	SF	\$ 1.75
CTB PAVING (18+" SURFACE)	SF	\$ 1.85
PCC PAVING (5" THICK)	SF	\$ 5.00
PCC PAVING (5.5" THICK)	SF	\$ 5.50
PCC PAVING (6" THICK)	SF	\$ 6.00
PCC PAVING (8" THICK)	SF	\$ 6.50
PCC PAVING (9" THICK)	SF	\$ 7.50
PAVING SUBGRADE PREPARATION	SF	\$ 0.50
AC PAVEMENT REMOVAL	SF	\$ 2.00

PUBLIC PED RAMPS & SIDEWALK

CURB RAMPS, PER SDG132 (TYPE A & B, NEW CONSTRUCTION)	EA	\$ 1,400.00
CURB RAMPS, PER SDG133-134 (TYPE A1, A2 &C-EXIST SIDEWALK)	EA	\$ 2,200.00
CURB RAMPS, ALLEY, PER SDG-136 (TYPE D)	EA	\$ 1,600.00
SIDEWALK REMOVAL	SF	\$ 1.50
4" PCC SIDEWALK, PER G-7	SF	GRADED
		0-5000
	SF	\$ 5.00
		>5000
	SF	\$ 4.00

MISCELLANEOUS PUBLIC SURFACE IMPROVEMENTS

CUT-OFF WALL @ END OF PAVEMENT, PER G-22 & 23	EA	\$ 1,000.00
CROSS-GUTTER, PER G-12 & 13	SF	\$ 8.00
DRIVEWAY, PER G-14A,B,C, & SDG-114	SF	\$ 7.00
MEDIAN, PER SDG-112 (STAMPED CONCRETE)	SF	\$ 5.00
MEDIAN, PER SDG-112 (DECORATIVE CONCRETE)	SF	\$ 6.50
MEDIAN, PER SDG-112 (PAVERS)	SF	\$ 10.50
TRENCH RESURFACING, PER SDG-107&108	LF	\$ 25.00
NARROW TRENCHING, PER G-33-35	LF	\$ 11.50
4" AC BERM, PER G-5	LF	\$ 7.55
6" AC BERM, PER G-5	LF	\$ 8.20
8" AC BERM, PER G-5	LF	\$ 9.35
AC OVERLAY (1"-2")	SF	\$ 0.45
AC SLURRY SEAL	SF	\$ 0.60
ALLEY APRON, PER G-17	SF	\$ 7.00
ADJUST TO GRADE	EA	\$ 1,000.00
AGGREGATE BASE (AB)	SF	\$ 1.00
MEDIAN PCC, PER SDG-112 (DECORATIVE)	SF	\$ 11.00
MEDIAN PCC, PER SDG-112 (STAMPED CONCRETE)	SF	\$ 8.00
MEDIAN PCC, PER SDG-112 (INTERLOCKING PAVERS)	SF	\$ 12.00

SECTION 4-PUBLIC TRAFFIC

DESCRIPTION	UNIT	UNIT PRICE
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SECTION 4-PUBLIC TRAFFIC***TRAFFIC CONTROLS***

DETECTOR LOOPS	EA	\$ 450.00
PULL BOX, PER SDI-105 (ALL TYPES)	EA	\$ 260.00
PULL BOX RELOCATION	EA	\$ 400.00
REMOVE STRIPPING	LF	\$ 3.00
STREET LIGHT, PER SDE-101, E-2 L.P. SODIUM	EA	\$ 6,000.00
STREET LIGHT, PER SDE-101, E-2 L.P. SODIUM	EA	\$ 6,000.00
STREET LIGHT, PER SDE-101, E-2 H.P. SODIUM	EA	\$ 6,000.00
STREET NAME SIGN, PER SDM-102	EA	\$ 400.00
STREET STRIPPING	LF	GRADED
	0-4000	LF \$ 0.65
	>4000	LF \$ 0.50
TRAFFIC SIGNAL (2X2 INTERSECTION)	LS	\$ 105,000.00
TRAFFIC SIGNAL (4X2 INTERSECTION)	LS	\$ 115,000.00
TRAFFIC SIGNAL (4X4 INTERSECTION)	LS	\$ 120,000.00
TRAFFIC SIGNAL (4X6 INTERSECTION)	LS	\$ 130,000.00
TRAFFIC SIGNAL (6X6 INTERSECTION)	LS	\$ 140,000.00
TRAFFIC SIGNAL (8X6 INTERSECTION)	LS	\$ 230,000.00
TRAFFIC SIGNAL INTERCONNECTION	LF	\$ 15.00
BIKE LANE SIGNING AND STRIPING	MI	\$ 2,000.00

SECTION 5-PUBLIC WATER/WASTEWATER UTILITIES

PUBLIC WASTEWATER

CONCRETE ANCHOR, PER S-9	LF	\$ 1,262.00
CONCRETE CRADLE, PER S-6 (8" SWR MAIN)	LF	\$ 13.95
CONCRETE CRADLE, PER S-6 (10" SWR MAIN)	LF	\$ 15.40
CONCRETE CRADLE, PER S-6 (12" SWR MAIN)	LF	\$ 17.60
CONCRETE CRADLE, PER S-6 (15" SWR MAIN)	LF	\$ 20.35
CONCRETE CRADLE, PER S-6 (18" SWR MAIN)	LF	\$ 24.85
CONCRETE CRADLE, PER S-6 (21" SWR MAIN)	LF	\$ 29.00
CONCRETE CRADLE, PER S-6 (24" SWR MAIN)	LF	\$ 20.00
CONCRETE CRADLE, PER S-6 (27" SWR MAIN)	LF	\$ 34.40
CONCRETE CRADLE, PER S-6 (30" SWR MAIN)	LF	\$ 41.20
CONCRETE CRADLE, PER S-6 (36" SWR MAIN)	LF	\$ 52.95
CONCRETE CRADLE, PER S-6 (42" SWR MAIN)	LF	\$ 68.70
CONCRETE CRADLE, PER S-6 (48" SWR MAIN)	LF	\$ 78.25
CONCRETE ENCASEMENT, PER S-7 (8" SWR MAIN)	LF	\$ 21.95
CONCRETE ENCASEMENT, PER S-7 (10" SWR MAIN)	LF	\$ 25.60
CONCRETE ENCASEMENT, PER S-7 (12" SWR MAIN)	LF	\$ 29.20
CONCRETE ENCASEMENT, PER S-7 (15" SWR MAIN)	LF	\$ 34.35
CONCRETE ENCASEMENT, PER S-7 (18" SWR MAIN)	LF	\$ 40.20
CONCRETE ENCASEMENT, PER S-7 (21" SWR MAIN)	LF	\$ 45.10
CONCRETE ENCASEMENT, PER S-7 (24" SWR MAIN)	LF	\$ 50.40
CONCRETE ENCASEMENT, PER S-7 (27" SWR MAIN)	LF	\$ 59.60
CONCRETE ENCASEMENT, PER S-7 (30" SWR MAIN)	LF	\$ 73.30
CONCRETE ENCASEMENT, PER S-7 (36" SWR MAIN)	LF	\$ 84.20
CONCRETE ENCASEMENT, PER S-7 (42" SWR MAIN)	LF	\$ 95.60
CONCRETE ENCASEMENT, PER S-7 (48" SWR MAIN)	LF	\$ 116.45
CUTOFF WALL, PER S-10 (TYPE B)	EA	\$ 1,474.00
SEWER MANHOLE, PER S-2 (3'x5')	EA	\$ 3,585.00
SEWER MANHOLE, PER S-2 (3'x5' W/LOCKING COVER)	EA	\$ 4,407.00
SEWER MANHOLE, PER S-2 (3'x5' PVC-LINER)	EA	\$ 5,525.00
SEWER MANHOLE, PER S-2 (3'x5' W/PVC-LINER & LOCKING COVER)	EA	\$ 6,347.00
SEWER MANHOLE, PER S-17 (3'x4')	EA	\$ 3,175.00
SEWER MANHOLE, PER S-17 (3'x4' W/LOCKING COVER)	EA	\$ 4,500.00
SEWER MANHOLE, PER S-17 (3'x4' PVC-LINER)	EA	\$ 3,997.00
SEWER MANHOLE, PER S-17 (3'x4' W/PVC-LINER & LOCKING COVER)	EA	\$ 5,322.00

SECTION 5-PUBLIC WATER/WASTEWATER UTILITIES

DESCRIPTION	UNIT	UNIT PRICE
SEWER MANHOLE LOCKING COVER, PER M-4	EA	\$ 822.15
4" PRESSURE PVC SEWER	LF	\$ 52.70
6" PRESSURE PVC SEWER	LF	\$ 71.75
SEWER ACCESS ROAD (4" DECOMPOSED GRANITE)	SF	\$ 5.25
SEWER ACCESS ROAD, PER SDG-113 (AC)	SF	\$ 11.30
SEWER ACCESS ROAD, PER SDG-113 (CONCRETE)	SF	\$ 45.00
STREET SEWER LATERAL, PER S-13 (4", 40' LONG)	EA	\$ 1,335.00
STREET SEWER LATERAL, PER S-13 (6" - 40' LONG)	EA	\$ 2,510.00
STREET SEWER LATERAL, PER S-13 (8" - 40' LONG)	EA	\$ 3,685.00
ALLEY SEWER LATERAL, PER S-13 (4" - 40' LONG)	EA	\$ 1,117.00
ALLEY SEWER LATERAL, PER S-13 (6" - 40' LONG)	EA	\$ 1,700.00
6" PVC SEWER MAIN, PER S-4	LF	\$ 61.85
8" PVC SEWER MAIN, PER S-4	LF	\$ 72.20
10" PVC SEWER MAIN, PER S-4	LF	\$ 79.90
12" PVC SEWER MAIN, PER S-4	LF	\$ 88.65
15" PVC SEWER MAIN, PER S-4	LF	\$ 97.90
18" PVC SEWER MAIN, PER S-4	LF	\$ 108.05
21" PVC SEWER MAIN, PER S-4	LF	\$ 117.25
24" PVC SEWER MAIN, PER S-4	LF	\$ 124.90
27" PVC SEWER MAIN, PER S-4	LF	\$ 133.10
30" PVC SEWER MAIN, PER S-4	LF	\$ 140.75
36" PVC SEWER MAIN, PER S-4	LF	\$ 156.00
8" ESVC SEWER MAIN, PER S-4	LF	\$ 75.00
10" ESVC SEWER MAIN, PER S-4	LF	\$ 85.00
12" ESVC SEWER MAIN, PER S-4	LF	\$ 90.00
15" ESVC SEWER MAIN, PER S-4	LF	\$ 95.00
18" ESVC SEWER MAIN, PER S-4	LF	\$ 110.00
21" ESVC SEWER MAIN, PER S-4	LF	\$ 120.00
24" ESVC SEWER MAIN, PER S-4	LF	\$ 130.00
27" ESVC SEWER MAIN, PER S-4	LF	\$ 135.00
30" ESVC SEWER MAIN, PER S-4	LF	\$ 140.00
42" ESVC SEWER MAIN, PER S-4	LF	\$ 155.00
48" ESVC SEWER MAIN, PER S-4	LF	\$ 190.00
16" STEEL CASING	LF	\$ 97.50
19" STEEL CASING	LF	\$ 125.00
21" STEEL CASING	LF	\$ 142.00
24" STEEL CASING	LF	\$ 161.00
30" STEEL CASING	LF	\$ 187.00
33" STEEL CASING	LF	\$ 198.00
36" STEEL CASING	LF	\$ 212.00

39" STEEL CASING	LF	\$ 225.00
42" STEEL CASING	LF	\$ 259.00
48" STEEL CASING	LF	\$ 286.00
52" STEEL CASING	LF	\$ 313.00
60" STEEL CASING	LF	\$ 360.00

PUBLIC WATER

AIR & VACUUM VALVE, PER W-4 (1")	EA	\$ 1,550.00
AIR & VACUUM VALVE, PER W-4 (2")	EA	\$ 2,200.00
BLOW-OFF ASSEMBLY, PER W-6 (2" TYPE A)	EA	\$ 865.00
BLOW-OFF ASSEMBLY, PER SDW-106 (3" TYPE A)	EA	\$ 1,600.00
BLOW-OFF ASSEMBLY PER W-7 (2" TYPE B, C & D)	EA	\$ 1,875.00
RELOCATE FIRE HYDRANT	EA	\$ 2,200.00
FIRE HYDRANT ASSY PER W-10 (2-WAY)	EA	\$ 3,500.00
FIRE HYDRANT ASSY PER W-10 (3-WAY)	EA	\$ 4,000.00
MULTIPLE SERVICE PER W-23	EA	\$ 550.00
THUST BLOCK, PER W-17	SF	\$ 175.00

PUBLIC WATER VALVES

4" GATE VALVE	EA	\$ 550.00
6" GATE VALVE	EA	\$ 1,000.00
8" GATE VALVE	EA	\$ 1,800.00
10" GATE VALVE	EA	\$ 2,850.00
12" GATE VALVE	EA	\$ 3,700.00
16" GATE VALVE	EA	\$ 4,650.00
20" GATE VALVE	EA	\$ 5,900.00
8" PRESSURE REDUCER W/BOX	EA	\$ 9,820.00

PUBLIC PVC WATER MAINS (ALL MATERIALS)

4" PVC WATER MAIN PER W-21	LF	\$ 38.00
6" PVC WATER MAIN PER W-21	LF	\$ 50.00
8" PVC WATER MAIN PER W-21	LF	\$ 58.00
10" PVC WATER MAIN PER W-21	LF	\$ 63.00
12" PVC WATER MAIN PER W-21	LF	\$ 70.00
16" PVC WATER MAIN PER W-21	LF	\$ 89.00
20" PVC WATER MAIN PER W-21	LF	\$ 100.00

SECTION 5-PUBLIC WATER/WASTEWATER UTILITIES

DESCRIPTION	UNIT	UNIT PRICE
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PUBLIC WATER SERVICE

WTR SERV. PER W-1 (1" W/1"X 0.75" METER)	EA	\$ 2,389.00
WTR SERV. PER W-1 (1" W/1"X 1" METER)	EA	\$ 2,478.00
WTR SERV. PER W-2 (2" W/1.5" METER)	EA	\$ 2,782.00
WTR SERV. PER W-2 (2" W/2" METER)	EA	\$ 2,866.00
WTR SERV. PER W-2 (2-2" W/2-2" METER, MANIFOLD)	EA	\$ 4,561.00
WTR SERV. PER W-1 (1" W/O METER)	EA	\$ 2,267.00
WTR SERV. PER W-2 (1" W/O METER)	EA	\$ 2,453.00
WTR SERV. PER W-2 (2-2" W/O METER)	EA	\$ 3,183.00

SECTION 6-MISCELLANEOUS PUBLIC IMPROVEMENTS

MISCELLANEOUS PUBLIC ITEMS

VEHICULAR BRIDGE	SF	\$ 275.00
PEDESTRIAN BRIDGE	SF	\$ 250.00
CRASH CUSHION (G.R.E.A.T.)	EA	\$ 36,800.00
EXCAVATION (FOR STRUCTURES)	CY	\$ 31.00
FENCE, PER M-6 (4' HIGH CHAIN LINK)	LF	\$ 12.50
FENCE, PER M-6 (5' HIGH CHAIN LINK)	LF	\$ 14.00
FENCE, PER M-6 (6' HIGH CHAIN LINK)	LF	\$ 16.00
GUARD RAIL METAL BEAM, PER M-30-38	LF	\$ 30.00
GUARD RAIL POST, PER M-9	EA	\$ 240.00
GUARD BARRICADE, PER M-9	EA	\$ 450.00
PCC MEDIAN BARRIER (TYPE 50)	EA	\$ 55.00
SAW CUT EXISTING (AC/PCC)	LF	\$ 4.00
TRENCH SHORING (5'-10' DEEP)	LF	\$ 11.20
TRENCH SHORING (11'-15' DEEP)	LF	\$ 17.40
TRENCH SHORING (16'-20' DEEP)	LF	\$ 25.00
SURVEY MONUMENT, PER M-10	EA	\$ 800.00
MASONRY RETAINING WALL	SF	\$ 29.65
CAST IN PLACE RETAINING WALL	CY	\$ 675.00
GRAVITY RETAINING WALL	SF	\$ 22.00
CRIB-BLOCK RETAINING WALL	SF	\$ 25.00
PEDESTRIAN BARRICADE, PER SDE 103	EA	\$ 150.00

SECTION 7-LANDSCAPE & IRRIGATION

DESCRIPTION	UNIT	UNIT PRICE
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SECTION 7-LANDSCAPE & IRRIGATION***LANDSCAPE PLANTING***

SHRUBS (1 GALLON)	EA	\$ 6.00
SHRUBS (5 GALLON)	EA	\$ 20.00
SLOPE PLANTING (GROUND COVER)	SF	\$ 0.48
SLOPE PLANTING (GROUND COVER + TREES)	SF	\$ 0.79
SLOPE PLANTING (HYDRO-SEEDING)	SF	\$ 0.13
TREE (5 GALLON)	EA	\$ 15.00
TREE (15 GALLON)	EA	\$ 85.00
TREE (24" BOX)	EA	\$ 250.00
TREE (36" BOX)	EA	\$ 350.00
TREE (48" BOX)	EA	\$ 650.00
TREE GRATE (W/2FRAME)	EA	\$ 480.00
TREE MAINTENANCE (TREES/YEAR)	TREE/ YR	\$ 200.00

LANDSCAPE IRRIGATION

BACKFLOW PREVENTION ASSEMBLY (W/ENCLOSURE)	EA	\$ 1,650.00
SLOPE IRRIGATION	SF	\$ 0.59

SECTION 8-PRIVATE DRAINAGE***PRIVATE RCP CULVERTS***

12" RCP STORM DRAIN	LF	\$ 60.00
18" RCP STORM DRAIN	LF	\$ 95.00
24" RCP STORM DRAIN	LF	\$ 110.00
30" RCP STORM DRAIN	LF	\$ 120.00
36" RCP STORM DRAIN	LF	\$ 145.00
42" RCP STORM DRAIN	LF	\$ 165.00
48" RCP STORM DRAIN	LF	\$ 175.00
54" RCP STORM DRAIN	LF	\$ 200.00
60" RCP STORM DRAIN	LF	\$ 255.00
72" RCP STORM DRAIN	LF	\$ 285.00

PRIVATE PVC/CMP/HDPE CULVERTS

4"-6" PVC STORM DRAIN	LF	\$ 20.00
8"-12" PVC STORM DRAIN	LF	\$ 30.00
18" PVC STORM DRAIN	LF	\$ 71.00
24" PVC STORM DRAIN	LF	\$ 80.00
30" PVC STORM DRAIN	LF	\$ 91.00
36" PVC STORM DRAIN	LF	\$ 105.00
42" PVC STORM DRAIN	LF	\$ 120.00
48" PVC STORM DRAIN	LF	\$ 135.00

MISCELLANEOUS PRIVATE DRAINAGE

AC SPILLWAY (D-22)	EA	\$ 320.00
PCC BOX CULVERT	CY	\$ 1,100.00
CATCH BASIN, PER D-7 (TYPE F)	EA	\$ 3,550.00
'CATCH BASIN, PER D-8 (TYPE G)	EA	\$ 3,900.00
'CLEAN OUT, PER D-9 (TYPE A)	EA	\$ 3,980.00
'CLEAN OUT, PER D-10 (TYPE B)	EA	\$ 4,500.00
CATCH BASIN, PER D-29 (TYPE I)	EA	\$ 3,850.00
CONCRETE (STRUCTURAL)	CY	\$ 550.00
CONCRETE ENERGY DISSIPATER, PER D-41	EA	\$ 8,200.00
CONCRETE LUG, PER D-63	EA	\$ 1,200.00
CONCRETE PIPE COLLAR, PER D-62	EA	\$ 2,500.00
CURB INLET, PER D-1 (TYPE A)	EA	\$ 3,850.00
CURB INLET, PER D-2 (TYPE B)	EA	\$ 3,850.00

SECTION 8-PRIVATE DRAINAGE

DESCRIPTION	UNIT	UNIT PRICE
CURB INLET, PER D-3 (TYPE C)	EA	\$ 4,500.00
CURB INLET, PER D-4 (TYPE D)	EA	\$ 3,550.00
CURB INLET, PER D-45 (TYPE J)	EA	\$ 3,550.00
CURB OUTLET, PER D-25 (TYPE A)	EA	\$ 2,500.00
CURB OUTLET-SIDEWALK UNDERRDRAIN, PER D-27	EA	\$ 500.00
CURTAIN WALL, PER D-38	EA	\$ 600.00
CUTOFF WALL WALL, PER D-72	EA	\$ 475.00
PCC DRAINAGE CHANNEL, PER D-70 & 71	LF	\$ 650.00
DRAINAGE DITCH, PER D-75	LF	\$ 15.00
STRAIGHT HEAD WALL PER D-30&31 (TYPE A)	EA	\$ 3,000.00
STRAIGHT HEAD WALL PER D-32&33 (TYPE A-GRAVITY)	EA	\$ 2,700.00
WING/U TYPE HEAD WALL PER D-34/35A&B (18" TO 36"/36" TO 60")	EA	\$ 4,300.00
WING/U TYPE HEAD WALL PER D-35A&B (60" TO 84")	EA	\$ 4,600.00
L TYPE HEADAWALL PER D-36 & 37	EA	\$ 4,100.00
INLET APRON, PER D-39	EA	\$ 1,600.00
RIP RAP , PER D-40 (2 TON)	EA	\$ 2,500.00
RIP RAP , PER D-40 (0.25 -1.0 TON)	EA	\$ 2,100.00
RIP RAP , PER D-40 (NO. 2 BACKING)	EA	\$ 1,750.00
RIP RAP , PER D-40 (2.0 TON)	CY	\$ 180.00
RIP RAP , PER D-40 (4.0 TON)	CY	\$ 200.00
CONNECT TO EXISTING S.D.	EA	\$ 1,000.00
CDS UNIT (SMALL)	EA	\$ 20,000.00
CDS UNIT (MEDIUM)	EA	\$ 35,000.00
CDS UNIT (LARGE)	EA	\$ 70,000.00
BIO-SWALE	LF	\$ 5.50
12"x12" BOX INLET (PVT)	EA	\$ 1,500.00
18"x18" BOX INLET (PVT)	EA	\$ 2,500.00
24"x24" BOX INLET (PVT)	EA	\$ 2,750.00

SECTION 9-PRIVATE WATER & WASTEWATER***PUBLIC WASTEWATER***

CONCRETE ANCHOR, PER S-9	LF	\$ 1,262.00
CONCRETE CRADLE, PER S-6 (8" SWR MAIN)	LF	\$ 13.95
CONCRETE CRADLE, PER S-6 (10" SWR MAIN)	LF	\$ 15.40
CONCRETE CRADLE, PER S-6 (12" SWR MAIN)	LF	\$ 17.60
CONCRETE CRADLE, PER S-6 (15" SWR MAIN)	LF	\$ 20.35
CONCRETE CRADLE, PER S-6 (18" SWR MAIN)	LF	\$ 24.85
CONCRETE CRADLE, PER S-6 (21" SWR MAIN)	LF	\$ 29.00
CONCRETE CRADLE, PER S-6 (24" SWR MAIN)	LF	\$ 20.00
CONCRETE CRADLE, PER S-6 (27" SWR MAIN)	LF	\$ 34.40
CONCRETE CRADLE, PER S-6 (30" SWR MAIN)	LF	\$ 41.20
CONCRETE CRADLE, PER S-6 (36" SWR MAIN)	LF	\$ 52.95
CONCRETE CRADLE, PER S-6 (42" SWR MAIN)	LF	\$ 68.70
CONCRETE CRADLE, PER S-6 (48" SWR MAIN)	LF	\$ 78.25
CONCRETE ENCASEMENT, PER S-7 (8" SWR MAIN)	LF	\$ 21.95
CONCRETE ENCASEMENT, PER S-7 (10" SWR MAIN)	LF	\$ 25.60
CONCRETE ENCASEMENT, PER S-7 (12" SWR MAIN)	LF	\$ 29.20
CONCRETE ENCASEMENT, PER S-7 (15" SWR MAIN)	LF	\$ 34.35
CONCRETE ENCASEMENT, PER S-7 (18" SWR MAIN)	LF	\$ 40.20
CONCRETE ENCASEMENT, PER S-7 (21" SWR MAIN)	LF	\$ 45.10
CONCRETE ENCASEMENT, PER S-7 (24" SWR MAIN)	LF	\$ 50.40
CONCRETE ENCASEMENT, PER S-7 (27" SWR MAIN)	LF	\$ 59.60
CONCRETE ENCASEMENT, PER S-7 (30" SWR MAIN)	LF	\$ 73.30
CONCRETE ENCASEMENT, PER S-7 (36" SWR MAIN)	LF	\$ 84.20
CONCRETE ENCASEMENT, PER S-7 (42" SWR MAIN)	LF	\$ 95.60
CONCRETE ENCASEMENT, PER S-7 (48" SWR MAIN)	LF	\$ 116.45
CUTOFF WALL, PER S-10 (TYPE B)	EA	\$ 1,474.00
SEWER MANHOLE, PER S-2 (3'x5')	EA	\$ 3,585.00
SEWER MANHOLE, PER S-2 (3'x5' W/LOCKING COVER)	EA	\$ 4,407.00
SEWER MANHOLE, PER S-2 (3'x5' PVC-LINER)	EA	\$ 5,525.00
SEWER MANHOLE, PER S-2 (3'x5' W/PVC-LINER & LOCKING COVER)	EA	\$ 6,347.00
SEWER MANHOLE, PER S-17 (3'x4')	EA	\$ 3,175.00
SEWER MANHOLE, PER S-17 (3'x4' W/LOCKING COVER)	EA	\$ 4,500.00
SEWER MANHOLE, PER S-17 (3'x4' PVC-LINER)	EA	\$ 3,997.00
SEWER MANHOLE, PER S-17 (3'x4' W/PVC-LINER & LOCKING COVER)	EA	\$ 5,322.00
SEWER MANHOLE LOCKING COVER, PER M-4	EA	\$ 822.15

SECTION 9-PRIVATE WATER & WASTEWATER

DESCRIPTION	UNIT	UNIT PRICE
4" PRESSURE PVC SEWER	LF	\$ 52.70
6" PRESSURE PVC SEWER	LF	\$ 71.75
SEWER ACCESS ROAD (4" DECOMPOSED GRANITE)	SF	\$ 5.25
SEWER ACCESS ROAD, PER SDG-113 (AC)	SF	\$ 11.30
SEWER ACCESS ROAD, PER SDG-113 (CONCRETE)	SF	\$ 45.00
STREET SEWER LATERAL, PER S-13 (4", 40' LONG)	EA	\$ 1,335.00
STREET SEWER LATERAL, PER S-13 (6" - 40' LONG)	EA	\$ 2,510.00
STREET SEWER LATERAL, PER S-13 (8" - 40' LONG)	EA	\$ 3,685.00
ALLEY SEWER LATERAL, PER S-13 (4" - 40' LONG)	EA	\$ 1,117.00
ALLEY SEWER LATERAL, PER S-13 (6" - 40' LONG)	EA	\$ 1,700.00
6" PVC SEWER MAIN, PER S-4	LF	\$ 61.85
8" PVC SEWER MAIN, PER S-4	LF	\$ 72.20
10" PVC SEWER MAIN, PER S-4	LF	\$ 79.90
12" PVC SEWER MAIN, PER S-4	LF	\$ 88.65
15" PVC SEWER MAIN, PER S-4	LF	\$ 97.90
18" PVC SEWER MAIN, PER S-4	LF	\$ 108.05
21" PVC SEWER MAIN, PER S-4	LF	\$ 117.25
24" PVC SEWER MAIN, PER S-4	LF	\$ 124.90
27" PVC SEWER MAIN, PER S-4	LF	\$ 133.10
30" PVC SEWER MAIN, PER S-4	LF	\$ 140.75
36" PVC SEWER MAIN, PER S-4	LF	\$ 156.00
8" ESVC SEWER MAIN, PER S-4	LF	\$ 75.00
10" ESVC SEWER MAIN, PER S-4	LF	\$ 85.00
12" ESVC SEWER MAIN, PER S-4	LF	\$ 90.00
15" ESVC SEWER MAIN, PER S-4	LF	\$ 95.00
18" ESVC SEWER MAIN, PER S-4	LF	\$ 110.00
21" ESVC SEWER MAIN, PER S-4	LF	\$ 120.00
24" ESVC SEWER MAIN, PER S-4	LF	\$ 130.00
27" ESVC SEWER MAIN, PER S-4	LF	\$ 135.00
30" ESVC SEWER MAIN, PER S-4	LF	\$ 140.00
42" ESVC SEWER MAIN, PER S-4	LF	\$ 155.00
48" ESVC SEWER MAIN, PER S-4	LF	\$ 190.00
16" STEEL CASING	LF	\$ 97.50
19" STEEL CASING	LF	\$ 125.00
21" STEEL CASING	LF	\$ 142.00
24" STEEL CASING	LF	\$ 161.00
30" STEEL CASING	LF	\$ 187.00
33" STEEL CASING	LF	\$ 198.00
36" STEEL CASING	LF	\$ 212.00
39" STEEL CASING	LF	\$ 225.00

42" STEEL CASING	LF	\$ 259.00
48" STEEL CASING	LF	\$ 286.00
52" STEEL CASING	LF	\$ 313.00
60" STEEL CASING	LF	\$ 360.00

PRIVATE WATER

AIR & VACUUM VALVE, PER W-4 (1")	EA	\$ 1,550.00
AIR & VACUUM VALVE, PER W-4 (2")	EA	\$ 2,200.00
BLOW-OFF ASSEMBLY, PER W-6 (2" TYPE A)	EA	\$ 865.00
BLOW-OFF ASSEMBLY, PER SDW-106 (3" TYPE A)	EA	\$ 1,600.00
BLOW-OFF ASSEMBLY PER W-7 (2" TYPE B, C & D)	EA	\$ 1,875.00
RELOCATE FIRE HYDRANT	EA	\$ 2,200.00
FIRE HYDRANT ASSY PER W-10 (2-WAY)	EA	\$ 3,500.00
FIRE HYDRANT ASSY PER W-10 (3-WAY)	EA	\$ 4,000.00
MULTIPLE SERVICE PER W-23	EA	\$ 550.00
THUST BLOCK, PER W-17	SF	\$ 175.00

PRIVATE WATER VALVES

4" GATE VALVE	EA	\$ 550.00
6" GATE VALVE	EA	\$ 1,000.00
8" GATE VALVE	EA	\$ 1,800.00
10" GATE VALVE	EA	\$ 2,850.00
12" GATE VALVE	EA	\$ 3,700.00
16" GATE VALVE	EA	\$ 4,650.00
20" GATE VALVE	EA	\$ 5,900.00
8" PRESSURE REDUCER W/BOX	EA	\$ 9,820.00

PRIVATE PVC WATER MAINS (ALL MATERIALS)

4" PVC WATER MAIN PER W-21	LF	\$ 38.00
6" PVC WATER MAIN PER W-21	LF	\$ 50.00
8" PVC WATER MAIN PER W-21	LF	\$ 58.00
10" PVC WATER MAIN PER W-21	LF	\$ 63.00
12" PVC WATER MAIN PER W-21	LF	\$ 70.00
16" PVC WATER MAIN PER W-21	LF	\$ 89.00
20" PVC WATER MAIN PER W-21	LF	\$ 100.00

SECTION 9-PRIVATE WATER & WASTEWATER

DESCRIPTION	UNIT	UNIT PRICE
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PRIVATE WATER SERVICE

WTR SERV. PER W-1 (1" W/1"X 0.75" METER)	EA	\$ 2,389.00
WTR SERV. PER W-1 (1" W/1"X 1" METER)	EA	\$ 2,478.00
WTR SERV. PER W-2 (2" W/1.5" METER)	EA	\$ 2,782.00
WTR SERV. PER W-2 (2" W/2" METER)	EA	\$ 2,866.00
WTR SERV. PER W-2 (2-2" W/2-2" METER, MANIFOLD)	EA	\$ 4,561.00
WTR SERV. PER W-1 (1" W/O METER)	EA	\$ 2,267.00
WTR SERV. PER W-2 (1" W/O METER)	EA	\$ 2,453.00
WTR SERV. PER W-2 (2-2" W/O METER)	EA	\$ 3,183.00

SECTION 10-PRIVATE SURFACE IMPROVEMENTS***PRIVATE CURB AND GUTTER***

CURB & GUTTER REMOVAL	LF	\$ 3.00
MEDIAN CURB & GUTTER, PER G-6 (TYPE B-1)	LF	\$ 12.00
MEDIAN CURB & GUTTER, PER G-6 (TYPE B-2)	LF	\$ 20.00
6" CURB & GUTTER PER G-2 (TYPE G)	LF	\$ 20.00
8" CURB & GUTTER PER G-2 (TYPE G)	LF	\$ 24.00
6" CURB & GUTTER, PER G-2 (TYPE H)	LF	\$ 25.00
8" CURB & GUTTER, PER G-2 (TYPE H)	LF	\$ 30.00
ROLLED CURB, PER G-4	LF	\$ 26.00
4" AC BERM, PER G-5	LF	\$ 8.00
6" AC BERM, PER G-5	LF	\$ 9.50
8" AC BERM, PER G-5	LF	\$ 11.00

PRIVATE PAVEMENT

PAVEMENT DESIGN, PER SDG-113 (SCHEDULE J)	SF	\$ 5.00
AC PAVING (1" SURFACE)	SF	\$ 0.75
AC PAVING (2" SURFACE)	SF	\$ 1.00
AC PAVING (3" SURFACE)	SF	\$ 1.30
AC PAVING (4" SURFACE)	SF	\$ 1.75
AC PAVING (5" SURFACE)	SF	\$ 2.15
CTB PAVING (4" SURFACE)	SF	\$ 1.00
CTB PAVING (6" SURFACE)	SF	\$ 1.05
CTB PAVING (8" SURFACE)	SF	\$ 1.25
CTB PAVING (12" SURFACE)	SF	\$ 1.60
CTB PAVING (14" SURFACE)	SF	\$ 1.65
CTB PAVING (16" SURFACE)	SF	\$ 1.75
CTB PAVING (18+" SURFACE)	SF	\$ 1.85
PCC PAVING (5" THICK)	SF	\$ 5.00
PCC PAVING (5.5" THICK)	SF	\$ 5.50
PCC PAVING (6" THICK)	SF	\$ 6.00
PCC PAVING (8" THICK)	SF	\$ 6.50
PCC PAVING (9" THICK)	SF	\$ 7.50
PAVING SUBGRADE PREPARATION	SF	\$ 0.50
AC PAVEMENT REMOVAL	SF	\$ 2.00

PRIVATE PED RAMPS & SIDEWALK

SECTION 10-PRIVATE SURFACE IMPROVEMENTS

DESCRIPTION	UNIT	UNIT PRICE
'CURB RAMPS, PER SDG132 (TYPE A & B, NEW CONSTRUCTION)	EA	\$ 1,400.00
CURB RAMPS, PER SDG133-134 (TYPE A1, A2 &C-EXIST SIDEWALK)	EA	\$ 2,200.00
CURB RAMPS, ALLEY, PER SDG-136 (TYPE D)	EA	\$ 1,600.00
SIDEWALK REMOVAL	SF	\$ 1.50
4" PCC SIDEWALK, PER G-7	SF	GRADED
		0-5000
	SF	\$ 5.00
	SF	>5000
	SF	\$ 4.00

MISCELLANEOUSPRIVATE SURFACE IMPROVEMENTS

CUT-OFF WALL @ END OF PAVEMENT, PER G-22 & 23	EA	\$ 1,000.00
CROSS-GUTTER, PER G-12 & 13	SF	\$ 8.00
DRIVEWAY, PER G-14A,B,C, & SDG-114	SF	\$ 5.00
MEDIAN, PER SDG-112 (STAMPED CONCRETE)	SF	\$ 5.00
MEDIAN, PER SDG-112 (DECORATIVE CONCRETE)	SF	\$ 6.50
MEDIAN, PER SDG-112 (PAVERS)	SF	\$ 10.50
TRENCH RESURFACING, PER SDG-107&108	LF	\$ 25.00
NARROW TRENCHING, PER G-33-35	LF	\$ 11.50
4" AC BERM, PER G-5	LF	\$ 7.55
6" AC BERM, PER G-5	LF	\$ 8.20
8" AC BERM, PER G-5	LF	\$ 9.35
AC OVERLAY (1"-2")	SF	\$ 0.45
AC SLURRY SEAL	SF	\$ 0.60
ALLEY APRON, PER G-17	SF	\$ 7.00
ADJUST TO GRADE	EA	\$ 1,000.00
AGGREGATE BASE (AB)	SF	\$ 1.00
MEDIAN PCC, PER SDG-112 (DECORATIVE)	SF	\$ 11.00
MEDIAN PCC, PER SDG-112 (STAMPED CONCRETE)	SF	\$ 8.00
MEDIAN PCC, PER SDG-112 (INTERLOCKING PAVERS)	SF	\$ 12.00
FINISH SURFACING OF PRIVATE SEAWALLS	SF	\$40.00
MOBILIZATION COST: FINISH SURFACING OF SEAWALLS	EA	\$2,000.00
RESTORATION OF BEACH ACCESS AFTER CONSTRUCTION	EA	\$5,000.00

SECTION 11-PRIVATE MISCELLANEOUS***MISCELLANEOUS PRIVATE ITEMS***

VEHICULAR BRIDGE	SF	\$ 275.00
PEDESTRIAN BRIDGE	SF	\$ 250.00
CRASH CUSHION (G.R.E.A.T.)	EA	\$ 36,800.00
EXCAVATION (FOR STRUCTURES)	CY	\$ 31.00
FENCE, PER M-6 (4' HIGH CHAIN LINK)	LF	\$ 12.50
FENCE, PER M-6 (5' HIGH CHAIN LINK)	LF	\$ 14.00
FENCE, PER M-6 (6' HIGH CHAIN LINK)	LF	\$ 16.00
GUARD RAIL METAL BEAM, PER M-30-38	LF	\$ 30.00
GUARD RAIL POST, PER M-9	EA	\$ 240.00
GUARD BARRICADE, PER M-9	EA	\$ 450.00
PCC MEDIAN BARRIER (TYPE 50)	EA	\$ 55.00
SAW CUT EXISTING (AC/PCC)	LF	\$ 4.00
TRENCH SHORING (5'-10' DEEP)	LF	\$ 11.20
TRENCH SHORING (11'-15' DEEP)	LF	\$ 17.40
TRENCH SHORING (16'-20' DEEP)	LF	\$ 25.00
SURVEY MONUMENT, PER M-10	EA	\$ 800.00
MASONRY RETAINING WALL	SF	\$ 29.65
CAST IN PLACE RETAINING WALL	CY	\$ 675.00
GRAVITY RETAINING WALL	SF	\$ 22.00
CRIB-BLOCK RETAINING WALL	SF	\$ 25.00
PEDESTRIAN BARRICADE, PER SDE 103	EA	\$ 150.00