



**COST ESTIMATE  
STORM DRAIN IMPROVEMENTS (Off Site)  
REVISED: JULY 15, 2009**

Developer: 0  
 Engineer: 0  
 Phone No: 0  
 Drawing No:

Planning Case # 0  
 TM No./PM No.: 0  
 Date: 01/00/00

ITEM	QUANTITY	UNIT	UNIT COST (\$)	AMOUNT
69" RCP and over		LF	\$413.20	\$0.00
66" RCP		LF	\$361.55	\$0.00
60" RCP		LF	\$330.56	\$0.00
54" RCP		LF	\$299.57	\$0.00
48" RCP		LF	\$268.58	\$0.00
42" RCP		LF	\$237.59	\$0.00
36" RCP		LF	\$206.60	\$0.00
30" RCP		LF	\$175.61	\$0.00
24" RCP		LF	\$144.62	\$0.00
18" RCP		LF	\$103.30	\$0.00
Catch basin - 7'		EA	\$5,681.50	\$0.00
Catch basin - 14'		EA	\$10,330.00	\$0.00
Catch basin - 21'		EA	\$15,495.00	\$0.00
Catch basin - 28'		EA	\$22,726.00	\$0.00
Junction structure		EA	\$2,582.50	\$0.00
Manhole No. 2		EA	\$5,165.00	\$0.00
Local depression		EA	\$1,084.65	\$0.00
Concrete collar		EA	\$2,711.63	\$0.00
Drainage inlet structure		EA	\$6,198.00	\$0.00
Drainage outlet structure		EA	\$2,711.63	\$0.00
Transition Structure (DW6 #412)		EA	\$1,626.98	\$0.00
Grate inlet structure		EA	\$2,169.30	\$0.00
Parkway culvert		EA	\$1,301.58	\$0.00
Headwall (LA STD)		EA	\$867.72	\$0.00
Crushed rock for Rip Rap.		CY	\$43.39	\$0.00
Concrete collar		CY	\$759.26	\$0.00
Adjustment manhole to FG		LS	\$650.79	\$0.00
Connect to existing MH		LS	\$2,169.30	\$0.00
Reinforced concrete		CY	\$867.72	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>Storm Drain Improvement (Off Site) Subtotal</b>				<b>\$0.00</b>

**CITY OF SAN BERNARDINO - PUBLIC WORKS / ENGINEERING**

**COST ESTIMATE  
SANITARY SEWER IMPROVEMENTS (Off Site)  
REVISED: JULY 15, 2009**

Developer: 0	Planning Case #	0
Engineer: 0	TM No./PM No.:	0
Phone No: 0	Date:	01/00/00
Drawing No:		

ITEM	QUANTITY	UNIT	UNIT COST (\$)	AMOUNT
Manhole-----60" DIA		EA	\$5,423.25	\$0.00
Manhole-----48" DIA		EA	\$4,338.60	\$0.00
Drop Manhole		EA	\$5,423.25	\$0.00
Wyes		EA	\$108.47	\$0.00
Clean Out		EA	\$732.14	\$0.00
Sewer Saddle		EA	\$216.93	\$0.00
Remodeling Existing Manhole		EA	\$976.19	\$0.00
Sewer 4" PVC		LF	\$32.54	\$0.00
Sewer 6" PVC		LF	\$43.39	\$0.00
Sewer 8" PVC		LF	\$75.93	\$0.00
Sewer 10" PVC		LF	\$81.35	\$0.00
Sewer 12" PVC		LF	\$86.77	\$0.00
Sewer 15" PVC		LF	\$97.62	\$0.00
Encasement		LF	\$37.96	\$0.00
Pavement Restoration		SF	\$7.06	\$0.00
				\$0.00
				\$0.00
<b>Off-site Sanitary Sewer Improvement Subtotal</b>				<b>\$0.00</b>

**COST ESTIMATE  
TRAFFIC SIGNALS / SIGNS /STRIPING (Off Site)  
REVISED: JULY 15, 2009**

Developer: 0	Planning Case #	0
Engineer: 0	TM No./PM No.:	0
Phone No: 0	Date:	01/00/00
Drawing No:		

ITEM	QUANTITY	UNIT	UNIT COST (\$)	AMOUNT
Traffic Signals		LEG	\$54,232.50	
Major Intersection (4 LEG)		LS	\$216,930.00	\$0.00
Minor Intersection (4 LEG)		LS	\$173,544.00	\$0.00
Add Phase to Existing Signal (One Direction)		LS	\$32,539.50	\$0.00
Add Phase to Existing Signal (Both Directions)		LS	\$65,079.00	\$0.00
Traffic Signal Relocation Per Pole, 1A (10') Pole		EA	\$5,423.25	\$0.00
Traffic Signal Relocation Per Pole, Pole with Signal Mastarm		EA	\$10,846.50	\$0.00
Relocate PB or Adj. Grade		EA	\$108.47	\$0.00
Traffic Signal Loops		EA	\$406.74	\$0.00
Striping		LF	\$0.49	\$0.00
Pedestrian Crosswalk Striping		LF	\$0.65	\$0.00
Pavement Marker		LF	\$3.25	\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
<b>Traffic Signals / Signs / Striping Subtotal</b>				<b>\$0.00</b>

CITY OF SAN BERNARDINO - PUBLIC WORKS / ENGINEERING

**COST ESTIMATE  
ON SITE IMPROVEMENTS (PRIVATE AREA)  
REVISED: JULY 15, 2009**

Developer: 0 \_\_\_\_\_  
 Engineer: 0 \_\_\_\_\_  
 Phone No: 0 \_\_\_\_\_  
 Drawing No: \_\_\_\_\_

Planning Cse # 0  
 TM No./PM No.: 0  
 Date: 01/00/00

ITEM	QUANTITY	UNIT	UNIT COST (\$)	AMOUNT
Curb and Gutter		LF	\$16.27	\$0.00
Planter curb		LF	\$13.02	\$0.00
Ribbon gutter		SF	\$8.68	\$0.00
Walkways		SF	\$5.42	\$0.00
Residential DWY		SF	\$7.59	\$0.00
Commercial DWY		SF	\$9.76	\$0.00
AC or PCC pavement		SF	\$3.25	\$0.00
48" RCP		LF	\$268.58	\$0.00
42" RCP		LF	\$237.59	\$0.00
36" RCP		LF	\$206.60	\$0.00
30" RCP		LF	\$175.61	\$0.00
24" RCP		LF	\$144.62	\$0.00
18" RCP		LF	\$103.30	\$0.00
Parking lot drain (Std. 402)		EA	\$325.40	\$0.00
Chain link fence		LF	\$26.03	\$0.00
Catch basin		EA	\$5,965.58	\$0.00
Concrete collar		EA	\$2,711.63	\$0.00
6' garden wall		LF	\$54.23	\$0.00
3' Retaining wall		LF	\$59.66	\$0.00
4' Retaining wall		LF	\$97.62	\$0.00
5' Retaining wall		LF	\$108.47	\$0.00
6' Retaining wall		LF	\$135.58	\$0.00
8' Retaining wall		LF	\$216.93	\$0.00
Sewer main		LF	\$75.93	\$0.00
Manholes		EA	\$5,423.25	\$0.00
Clean-out		EA	\$732.14	\$0.00
Headwall structures		EA	\$2,711.63	\$0.00
Trash enclosure		EA	\$6,507.90	\$0.00
PCC Pavement		SF	\$8.14	\$0.00
4" Sewer lateral (on-site)		LF	\$12.40	\$0.00
6" Sewer lateral (on-site)		LF	\$14.46	\$0.00
				\$0.00
				\$0.00
<b>On-site Total</b>				<b>\$0.00</b>

CITY OF SAN BERNARDINO - PUBLIC WORKS / ENGINEERING

**FEEES**  
**REVISED: JULY 15, 2009**

Developer:	0
Engineer:	0
Phone No:	0
Planning Case #	0
Tract Map No./Parcel Map No.:	0
Date:	01/00/00

OFF-SITE	TOTALS
Street Improvement (Off- Site) Subtotal	\$0.00
Storm Drain Improvement (Off Site) Subtotal	\$0.00
Sanitary Sewer Improvement Subtotal	\$0.00
Traffic Signals / Signs / Striping Subtotal	\$0.00
Landscaping (LMD, publicly maintained areas)	
<b>TOTAL OFF-SITE IMPROVEMENTS</b>	<b>\$0.00</b>
Plan checking fee 4% (Reso. 92-344)	\$0.00
Inspection fee 4% (Reso. 92-344)	\$0.00
<b>TOTAL OFF-SITE FEE</b>	<b>\$0.00</b>

MAP CHECK FEE		
PM/TR Number	No. of lots	AMOUNT
		\$0.00

ON-SITE IMPROVEMENTS	TOTALS
Site Improvement (Private Area)	\$ -
Landscaping (Private Areas)	
<b>TOTAL ON-SITE IMPROVEMENTS</b>	<b>\$ -</b>
Plan checking fee 2% (Reso. 92-344)	\$ -
Inspection fee 3% (Reso. 92-344)	\$ -
<b>TOTAL ON-SITE FEE</b>	<b>\$0.00</b>