City of Santa Clarita
Development Services Division

STORM DRAIN
BOND & FEE CALCULATION SHEET

Storm Drain Improvements for Parcel Map / Tract No. _____ **MTD / PD #**_____

Location: _____ **MC#** _____

Prepared by: _____ _____ _____
Name **Company** **Date**

STORM DRAIN IMPROVEMENT BOND

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
Reinforced Concrete Box - Box Size = _____				
1. Excavation		CY	$	$
2. Concrete		CY	$	$
3. Reinforcing Steel			$	$
Open Channel				
4. Excavation		CY	$	$
5. Concrete		CY	$	$
6. Reinforcing Steel			$	$
Reinforced Concrete Pipe (In place at depths less than or equal to 6 feet below subgrade)				
7. 18" Diameter		LF	$ 77.63	$
8. 21" Diameter		LF	$ 80.50	$
9. 24" Diameter		LF	$ 83.95	$
10. 27" Diameter		LF	$ 87.40	$
11. 30" Diameter		LF	$ 91.71	$
12. 36" Diameter		LF	$ 102.35	$
13. 39" Diameter		LF	$ 109.25	$
14.			$	$
15.			$	$
Manholes				
16. No. 1		EA	$	$
17. No. 2		EA	$	$
18. No. 4		EA	$	$
19. No. 6 - 2 grates, V=5'		EA	$ 4347.00	$
20.			$	$
21.			$	$
22.			$	$
Catch Basins				
23. No. 1 - V=3'		EA	$ 1242.00	$
24. No. 2 - V=5'		EA	$ 2266.00	$
25. No. 3 - W=14' V=5'		EA	$ 3565.00	$
26. No. 3 - W=21' V=5'		EA	$ 4698.00	$
27. No. 3 - W=28' V=5'		EA	$ 5900.00	$
28.			$	$
29.			$	$
30.			$	$
31.			$	$

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL COST
Junction Structures				
32. No. 1		EA	$ 1144.00	$
33. No. 2		EA	$ 1006.00	$
34.		EA	$	$
35.			$	$
36.			$	$
Transition Structures				
37. No. 1		EA	$	$
38. No. 3		EA	$	$
39.			$	$
40.			$	$
Pipe Supports				
41.			$	$
Subdrain Systems				
42. Subdrain A.C.P.		FT	$ 6.90	$
43. Manholes		EA	$ 5658.00	$
44. Gravel		CY	$ 31.05	$
45. Drain Material		CY	$ 27.60	$
46. Sand & Gravel Blanket		CY	$ 26.45	$
47. Filter Material		CY	$ 27.60	$
Fencing and Gates				
48. 5' Chainlink (with gates & top rail)		FT	$ 10.00	$
49.			$	$
Flap Gates				
50. _____ Diameter		EA	$	$
51. _____ Diameter		EA	$	$
Concrete Collars				
52. 24"-33" Diameter		EA	$ 334.00	$
53. _____ Diameter		EA	$	$
Miscellaneous Items				
54. Gunite Channel Lining 6" Thick		SF	$ 5.38	$
55. Concrete Backfill		CY	$	$
Miscellaneous Reinforced Concrete				
56. Structures			$	$
57. Concrete			$	$
58. Reinforcing Steel			$	$
59. Excavation or Fill			$	$
Crushed Aggregate Base				
60. Per Inch Thickness		SF	$ 0.11	$
Rip-Rap				
61. Rip-Rap		CY	$ 30.00	$
62. Grouted Rip-Rap		CY	$ 75.00	$
Velocity Control Rings				
63. _____ Diameter		EA	$	$
64. _____ Diameter		EA	$	$
65. _____ Diameter		EA	$	$
66.			$	$

67. Estimated Construction Costs - Add Lines 1 through 66 $_____

68. Contingency

If the amount on Line 67 is:	Multiply the amount on Line 67 by:	
Less than $50,000	15%	
Btwn $50,000 - $100,000	10%	
More than $100,000	5%	$_____

69. Adjustment to Estimated Construction Costs at end of Agreement Period

(2 years x 6% per year = 12%) - - - - - - - - - - - - - - - - - - - Multiply the amount on Line 67 by 12% $_____

70. **Storm Drain Improvement Performance Bond** - - - - Add the amounts on Lines 67, 68 and 69 **$_____**

71. **Storm Drain Improvement Labor & Materials Bond** - - - - - - - - - - - - - - - - - - - 50% of Line 70 **$_____**

72. **Bond Processing Fee** - - *A check for this amount shall be submitted with the Storm Drain Bond* - - **$ 923.00**

Note: Unit cost may vary due to size, quantity, depth, or construction restraints.

PLAN CHECK FEES

- **Plan Check Fee**[A] - - - $1,000 deposit + fully allocated hourly staff time and any outside costs $_____
- **Easement Document Review**[B] - - - - - - - - - - - - - - $963.00 per document = $963.00 x (___) = $ ___
- **Document Imaging Fee** - - - - - - - - - - $70.00 + $1.80 (# of sheets) = $70.00 + $1.80 (___) = $_____

Total Plan Check Fee **$_____**

- **Storm Drain Transfer Processing Fee** - - - - - - - - - - - - **Storm Drain Transfer Processing Fee** **$ 1,433.00**

[A]Storm Drain plans must be submitted to Los Angeles County Land Development Division for review and approval. Fees for the County's review shall be paid directly to the County. The storm drain plans cannot be approved by the City until the County issues a Green Sheet and a bond copy of the plans stamped 'Approved'.
[B]For easements to be dedicated by separate document (i.e. not granted on a Final Map)

Notes:
1) Additional fees for Easement Review may be required to cover actual expenses incurred by the City as determined by the City Engineer.

INSPECTION PERMIT

- **Inspection Fee –** Using the Performance Bond Amount (Line 70 above), select one of the following fee calculations:

Performance Bond Amount:	Fee Calculation:
$0 - $10,000	10% of Bond Amount
$10,001 - $20,000	$1,000 + 5% of Bond Amount over $10,000
$20,001 - $200,000	$1,500 + 2.5% of Bond Amount over $20,000
Over $200,000	$6,000 + 2% of Bond Amount over $200,000

Inspection Fee $_____

- **Permit Issuance Fee** **Permit Issuance Fee** $ 57.00

Total Inspection Permit Fee **$_____**

S:\PW\Development Services\Forms\Stormdrain 2011-12 Fee Calc. Sheet (08.17.11)