

Appendix M

IMPROVEMENT COST ESTIMATES

Water System Project Costs

Estimating method per North Snohomish County Coordinated Water System Plan

Unit Costs based on ENR CCI = 4874 Mar-90

Current ENR CCI= 6410 Nov-01

Project: Watermain Replacements & Upgrades - Priority A (listed below)

Description: Upgrade undersized mains to minimum 8 inch dia.& loop dead ends.

Construction (Bid) Costs:	Qty	Unit	Unit Price		
Distribution main, 8"	19,900	LF	\$ 37.50	\$	<u>746,250</u>
Construction Costs Subtotal:				\$	746,250
Contingency @ 25 %				\$	186,563
Environ. Reg.'s @ 0 %				\$	-
Indirect Costs @ 40 %				\$	298,500
Land Cost					
Easement/ Right - of - way	550	LF	\$ 10	\$	<u>5,500</u>
Total				\$	1,236,813
Index factor:					1.32
Adjusted total:				\$	1,626,584

Priority A Projects:

9th Street - SR2 to Linda Avenue, 1400 lf

10th Street - Lewis Avenue to end & loop to 9th, 1450 lf

Grand Avenue - 1st Street to Linda Ave., 850 lf

Linda Avenue -3rd Street to 9th Street, 2000

1st Street - Replace existing 8 inch AC, 1800 lf

7th Street - SR2 to Linda Ave., 1400 lf

Lewis Avenue - 1st Street to 10th Street, 2900 lf

Orchard Avenue - 3rd Street to 10th Street, 2300 lf

May Creek Road - _____to _____, _____ lf

Water System Project Costs

Estimating method per North Snohomish County Coordinated Water System Plan

Unit Costs based on ENR CCI = 4874 Mar-90

Current ENR CCI= 6410 Nov-01

Project: Watermain Replacements & Upgrades - Priority B (listed below)

Description: Upgrade undersized mains to minimum 8 inch dia. & loop dead ends.

Construction (Bid) Costs:	Qty	Unit	Unit Price		
Distribution main, 8"	9,200	LF	\$ 37.50	\$	345,000
Construction Costs Subtotal:				\$	345,000
Contingency @ 25 %				\$	86,250
Environ. Reg.'s @ 0 %				\$	-
Indirect Costs @ 40 %				\$	138,000
 Land Cost					
Easement/ Right - of - way	0	LF	\$ 10	\$	-
Total				\$	569,250
Index factor:					1.32
Adjusted total:				\$	748,644

Priority B Projects:

- 2nd Street - SR2 to Grand Avenue, 1150 lf
- 3rd Street - SR2 to Grand Avenue, 1150 lf
- 4th Street - SR2 to Lewis Avenue, 550 lf
- 5th Street - SR2 to Linda Avenue, 1400 lf
- 6th Street - SR2 to Linda Avenue, 1400 lf
- 8th Street - SR2 to Lewis Avenue, 550 lf