

# ESTIMATED STORM WATER CONTROL COSTS

# EXHIBIT 2

## ONGOING PROGRAMS - ANNUAL COST

Neighborhood Drainage Improvements	\$300,000
Storm Water Rehab./Replacement	\$500,000
<b>Subtotal Ongoing Programs</b>	<b>\$800,000</b>

## NEW IMPROVEMENTS - ONE-TIME COST

Structure Flooding/  
Basement Backups > 1 Ft - # of Homes

Street Flooding  
> 1 Ft - # of Homes

Street Flooding  
< 1 Ft - # of Homes

**Cost/Home**  
**Structure Flooding &**  
**Street Flooding > 1 Ft.**

### Separate Sewer Systems:

### Cost

Area	Cost	Structure Flooding/ Basement Backups > 1 Ft	Street Flooding > 1 Ft	Street Flooding < 1 Ft	Cost/Home
Area A - Burr Oak & Dryden Plc	\$ 1,890,000	2	yes	8	\$ 189,000
Area B - North Stuart Dr	\$ 34,000	2		0	\$ 17,000
Area C/NW - Burr Oak/Burning Tree	\$ 1,610,000	3	yes	9	\$ 134,167
Area C/SE - Hintz Rd west of Arl Hts Rd	\$ 656,000	2	yes	0	\$ 328,000
Area D - Greenbriar/Roanoke/Wilke	\$ 2,720,000	2	yes	20	\$ 123,636
Area E - University Dr Detention Basin	\$ 6,800,000	1	yes	5	\$ 1,133,333
Area F - Forest Ave	\$ 491,000	3		0	\$ 163,667
Area G - Regency Park East	\$ 65,000	5	yes	1	\$ 10,833

**Subtotal Separate Sewer Systems \$14,266,000 20 43 94 \$ 226,444**

### Combined Sewer Systems:

### Relief Sewer Only

### Relief Sewer & Overhead (@ 50% Vill)

### Cost/Home

### Relief Sewer Only

### Relief Sewer & Overhead (@ 50% Vill)

Area	Relief Sewer Only	Relief Sewer & Overhead (@ 50% Vill)	Structure Flooding/ Basement Backups > 1 Ft	Street Flooding > 1 Ft	Street Flooding < 1 Ft	Relief Sewer Only	Relief Sewer & Overhead (@ 50% Vill)
Area 1 - NW Hwy & Chicago Ave	\$ 1,800,000	\$ 800,000	80			\$ 22,500	\$ 10,000
Area 2 - Ridge & Euclid/Walnut & Hawthorne	\$ 1,200,000	\$ 1,100,000	50			\$ 24,000	\$ 22,000
Area 3 - Arl Hts Rd & Miner St	\$ 2,400,000	\$ 2,400,000	110			\$ 21,818	\$ 21,818
Area 4 - Campbell, Vail, Dunton & Sigwalt	\$ 2,700,000	\$ 2,700,000	250			\$ 10,800	\$ 10,800
Area 5 - NW Hwy & Chatham Plc	\$ 900,000	\$ 1,000,000	20			\$ 45,000	\$ 50,000
Area 6 - Chestnut, Vail & Evergreen Ave	\$ 1,000,000	\$ 2,000,000	205			\$ 4,878	\$ 9,756
Area 7 - Beverly Ln & Orchard St	\$ 400,000	\$ 425,000	13			\$ 30,769	\$ 32,692
Area 8 - Westgate Subdivision	\$ 2,800,000	\$ 700,000	70			\$ 40,000	\$ 10,000

**Subtotal Combined Sewer Systems \$13,200,000 \$11,125,000 798 \$ 16,541 \$ 13,941**

### Other Storm Water Projects:

### Cost/Home

### Structure Flooding & Street Flooding > 1 Ft.

Project	Cost	Structure Flooding/ Basement Backups > 1 Ft	Street Flooding > 1 Ft	Street Flooding < 1 Ft	Cost/Home
Street Ponding Combined Area:					
Race Ave & Chicago Ave	\$ 900,000	2	yes	1	\$ 300,000
Campbell St & Sigwalt St	\$ 2,700,000	7		0	\$ 385,714
Roosevelt Ave & Cleveland Ave	\$ 2,100,000	5	yes	1	\$ 350,000
Grove Street Sewer	\$ 4,100,000	7		0	\$ 585,714
Cypress Detention Basin	\$ 6,200,000	5	yes	35	\$ 155,000

**Subtotal Other Storm Water Projects \$16,000,000 26 37 40 \$ 253,968**

**Total All One-Time Projects \$43,466,000 \$41,391,000 844 80 134 \$ 47,041 \$ 44,795**

Note: Completing all of the projects listed above would bring all areas of the Village up to at least a standard rain protection level of 2.12 inches/hour, but it would not protect homeowners against all of the effects of a 2011-type of rain event. Residents who install an overhead sewer system would protect their properties against basement sewer back-ups including 2011-type rain events. New homes and teardowns require that homeowners install overhead sewer systems as part of the cost of the house.