



STORMWATER UTILITY IMPLEMENTATION UPDATE

LOWER MAKEFIELD TOWNSHIP
AND
HERBERT, ROWLAND & GRUBIC, INC.

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Engineering | Planning | Infrastructure Solutions

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PROGRAM COSTS

Expenses	Goal Level of Service 5-Yr Average*
Operating and Admin. Expenses	\$1.7M
Capital**	\$0.2M
Debt Service***	\$0.2M
Total Annual Budget	\$2.1M

Preliminary; subject to change.

**Assumes 2026 start.*

*** Includes Vac Truck and Jetting Truck purchases.*

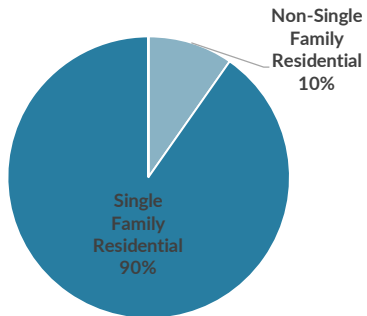
****Debt Service for PRP Project. Assumes \$500k from General Obligation Bonds, Series of 2016 proceeds allocated towards PRP Project costs.*



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HOW TO FUND THE PROGRAM?

FROM TAX?



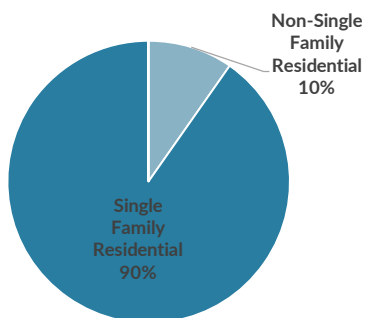
Share of Taxable Assessed Value



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HOW TO FUND THE PROGRAM?

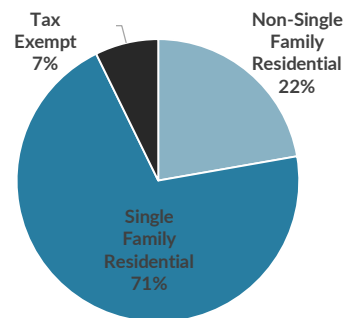
FROM TAX?



Share of Taxable Assessed Value



FROM FEE?



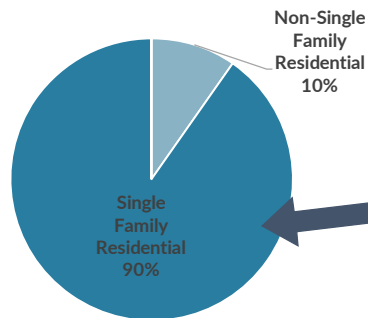
Share of Impervious Area



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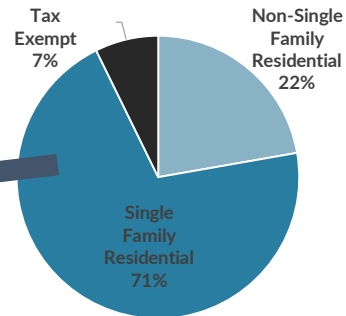
HOW TO FUND THE PROGRAM?

FROM TAX?



Share of Taxable Assessed Value

FROM FEE?



Share of Impervious Area

Residential pays ~27% more
if by tax

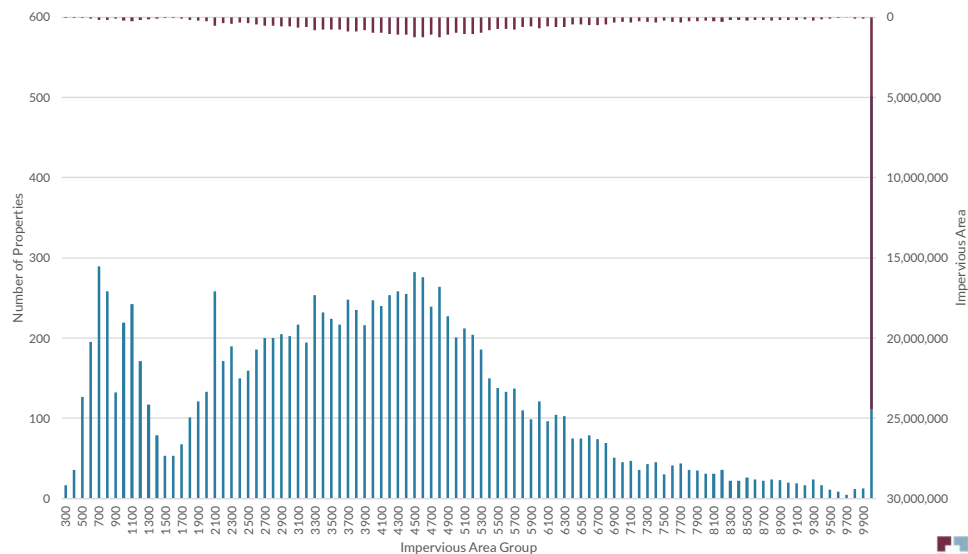


Cost savings formula: $(90\% - 71\%) / 71\% = \sim 27\%$



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IMPERVIOUS AREA BREAKDOWN



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ERU OPTION

Classification	% of Total Properties	% of Total IA	Monthly Fee Per Property
Single Family Residential	94%	71%	\$12.50
All other Properties	6%	29%	\$12.50/4,200 SF IA



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TWO-TIER OPTION

Tier	IA Range (SF)	% of Total Properties	% of Total IA	Monthly Fee Per Property
0	0-299	3%	0%	No Fee Assessed
1	300-4,599	61%	30%	\$7.80
2	4,600 +	36%	70%	\$2.90/1,000 SF IA

Rate for Average
Single Family
Residential



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THREE-TIER OPTION

Tier	IA Range (SF)	% of Total Properties	% of Total IA	Monthly Fee Per Property
0	0-299	3%	0%	No Fee Assessed
1	300-3,199	35%	12%	\$5.25
2	3,200-6,499	49%	41%	\$13.25
3	6,500 +	13%	47%	\$2.90/1,000 SF IA

Rate for Average
Single Family
Residential



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FOUR-TIER OPTION

Tier	IA Range (SF)	% of Total Properties	% of Total IA	Monthly Fee Per Property
0	0-299	3%	0%	No Fee Assessed
1	300-2,499	24%	6%	\$4.00
2	2,500-4,599	36%	24%	\$10.35
3	4,600-7,299	27%	28%	\$16.00
4	7,300 +	9%	42%	\$2.90/1,000 SF IA

Rate for Average
Single Family
Residential



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AVERAGE SINGLE FAMILY RESIDENTIAL RATE COMPARISON

Billing Option	% of Total Properties in Group	% of Total IA in Group	Monthly Fee Per Property
ERU	94%	71%	\$12.50
2-Tier	61%	30%	\$7.80
3-Tier	49%	41%	\$13.25
4-Tier	36%	24%	\$10.35



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WHAT'S NEXT?

- **Credit & Appeal Manual**
 - Determine credit options available to rate payers
- **Public Outreach**
- **Billing Implementation**



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ANY QUESTIONS?

