



City of Cleveland Heights

Refuse & Recycling Task Force

Current Operational Costs/Cost of Automation

Thursday, July 11, 2019

Current Method of Collection Annual Cost

Total estimated annual operating cost = \$3.4 Million

Resident landfill fee annual cost subsidy = \$2.2 Million

Net Cost = \$1.2 Million

Cost for Conversion to Automation

| Description of Replacement Vehicle | Estimated Purchase Price (\$) | Anticipated Useful Life of Replacement Asset (Years) ¹ | Annual Amortization Cost |
|---|-------------------------------|---|--------------------------|
| Replacement Transfer Station Semi Trailer | \$67,000.00 | 10 | \$6,700.00 |
| Replacement Automated Refuse Collection Truck | \$352,120.00 | 10 | \$35,212.00 |
| Replacement Transfer Station Semi Tractor | \$133,000.00 | 10 | \$13,300.00 |
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| Automated Refuse Collection - Retrofit Conversion | \$40,000.00 | 5 | \$8,000.00 |
| Automated Refuse Collection - Retrofit Conversion | \$40,000.00 | 6 | \$6,666.67 |
| 14,700 - 95 Gallon Refuse Carts | \$808,500.00 | 10 | \$80,850.00 |
| 300 - 65 Gallon Refuse Carts ² | \$15,000.00 | 10 | \$1,500.00 |
| 15,000 - 65 Gallon Recycling Carts | \$825,000.00 | 10 | \$82,500.00 |
| | | | |
| | \$4,374,220.00 | | \$444,088.67 |



Thank you