# City Commission Meeting 

## April 12, 2016

Agenda
Honorable Mayor, City Commissioners and Residents: This shall serve as your official notification of Public Hearing and Regular City Commission Meeting to be held Tuesday, April 12, 2016, at 7:30 p.m., in the City Commission Chambers, 23925 Woodward Avenue, Pleasant Ridge, Michigan 48069. The following items are on the Agenda for your consideration:

## PUBLIC HEARING AND REGULAR CITY COMMISSION MEETING - 7:30 P.M. 1. Meeting Called to Order.

## 2. Pledge of Allegiance.

## 3. Roll Call.

4. PUBLIC DISCUSSION - items not on the Agenda.

## 5. Governmental Reports.

6. City Commission Liaison Reports.

- Commissioner Krzysiak - Recreation Commission
- Commissioner Foreman - Ferndale Public Schools
- Commissioner Perry - Planning and DDA
- Commissioner Scott - Historical Commission


## 7. Consent Agenda.

All items listed on the Consent Agenda are considered to be routine by the City Commission, will be enacted by one motion and approved by a roll call vote. There will be no separate discussion of these items unless a City Commissioner or visitor so requests, in which event, the item will be removed from the consent agenda and considered as the last item of business.
a. Minutes of the Regular City Commission Meeting held Tuesday, March 15, 2016.
b. Monthly Disbursement Report.
c. Proclamation recognizing April as Fair Housing Month.
d. Resolution authorizing reimbursement from the Oakland County West Nile Virus Fund.
e. Request by Seventh-Day Adventist Church to solicit door-to-door for the months of June, July and August 2016.
8. Ordinance to amend the Pleasant Ridge City Code Chapter 82 (Zoning), Section 826, Violations and Section 82-8 (Fines and Imprisonment).
a. Public Hearing - Solicitation of public comments on an Ordinance to amend Chapter 82 (Zoning) of the Pleasant Ridge City Code by amending Section 82-6 (Violations) and 82-8 (Fines and Imprisonment).
b. Ordinance to amend Chapter 82 (Zoning) of the Pleasant Ridge City Code by amending Section 82-6 (Violations) and 82-8 (Fines and Imprisonment).
9. Ordinance regarding various Municipal Civil Infractions.
a. Public Hearing - Solicitation of public comments on an Ordinance to amend the Pleasant Ridge City Code, Chapter 1 (General Provisions) Section 1-7(C) (General Penalty for Violations of Code and Ordinances; Continuing Violations); Chapter 18 (Businesses) Article III (Licensure of Landlords), Section 18-50 (Violations; Penalty) Article IV (Peddlers, Solicitors and Transient Merchants), Section 18-131 (Display); Chapter 28 (Civil Infractions), Article I, Section 28-10 (Penalties); Chapter 38 (Fire Prevention and Protection), Article I (In General), Section 38-3 (Smoke Detectors); Chapter 70 (Traffic and Vehicles), by the addition of Article V (Parking Violations and Bureau and Parking Fines), Section 70-89 through Section 70-93; and Chapter 74 (Utilities) Article II (Water), Division 1 (Generally), Section 74-29 (Injury to Facilities).
b. Ordinance to amend the Pleasant Ridge City Code, Chapter 1 (General Provisions) Section 1-7(C) (General Penalty for Violations of Code and Ordinances; Continuing Violations); Chapter 18 (Businesses) Article III (Licensure of Landlords), Section 1850 (Violations; Penalty) Article IV (Peddlers, Solicitors and Transient Merchants), Section 18-131 (Display); Chapter 28 (Civil Infractions), Article I, Section 28-10 (Penalties); Chapter 38 (Fire Prevention and Protection), Article I (In General), Section 38-3 (Smoke Detectors); Chapter 70 (Traffic and Vehicles), by the addition of Article V (Parking Violations and Bureau and Parking Fines), Section 70-89 through Section 70-93; and Chapter 74 (Utilities) Article II (Water), Division 1 (Generally), Section 74-29 (Injury to Facilities).
10. Ordinance regarding Equivalent Residential Unit (ERU) Storm Water Charges.
a. Public Hearing - Solicitation of public comments on an Ordinance to amend Chapter 74 (Utilities) of the Pleasant Ridge City Code by adding a new Article, Article V (Storm Water User Charge), including Sections 74-261 (Definitions), 74262 (Storm Water Service Charges), 74-263 (Property Affected), 74-264 (Calculation of Charges), 74-265 (Billing), and 74-266 (Collection).
b. Ordinance to amend Chapter 74 (Utilities) of the Pleasant Ridge City Code by adding a new Article, Article V (Storm Water User Charge), including Sections 74-261 (Definitions), 74-262 (Storm Water Service Charges), 74-263 (Property Affected), 74264 (Calculation of Charges), 74-265 (Billing), and 74-266 (Collection).

## 11. Approval of the Gainsboro Park Design Plan.

12. Request by the Pleasant ridge Foundation for the City to donate certain items to its Annual Auction, Saturday, May 21, 2016.
13. Agreement between the City of Pleasant Ridge and Oakland County Equalization Division for Property Assessing Services.
14. City Manager's Report.
15. Other Business.
16. Adjournment.

In the spirit of compliance with the Americans with Disabilities Act, individuals with a disability should feel free to contact the City at least seventy-two (72) hours in advance of the meeting, if requesting accommodations.

## Regular City Commission Meeting <br> March 15, 2016

Having been duly publicized, Mayor Metzger called the meeting to order at 7:31 p.m.

| Present: | Commissioners Foreman, Krzysiak, Perry, Scott, Mayor Metzger. |
| :--- | :--- |
| Also Present: | City Manager Breuckman, City Attorney Greg Need, City Clerk Drealan. |
| Absent: | None. |

## Public Discussion

Ms. Leslie Jones, 19 Fairwood, representing the Environmental Committee, reported there is a meeting Monday, March 21 ${ }^{\text {st }}$, Community Center, 7:00p, with guest speakers discussing pesticides and safe/beautiful garden techniques. Commissioner Krzysiak added that there will be discussion on storm water treatment later in the meeting and applauds the Environmental Committee for making the community aware of pesticide hazards.

Mr. Fred Sedeon, 29 Fairwood, addressed the City's carbon footprint and reported that heating the city's pool produces the most carbon dioxide. The actual residents of the city emit far more carbon dioxide than heating the pool. Mr. Sedeon provided the Mayor with a flash drive that has documentation and three videos explaining carbon dioxide and green energy.

Mr. Sean Campbell, 58 Sylvan, spoke about the neighborhood compatibility and exterior design standards in that the new ordinance is more objective than the previous standards which could take away from the diversity that exists in the city now. Commissioner Perry commented that the exterior design standards focus more on the quality of materials and construction, not the actual design.

## Governmental Reports

Mr. Robert Wittenberg, Michigan State Representative, highlighted the "Woodward Talk" report that his office produces and mentioned the next coffee hour in Pleasant Ridge is Monday, April $4^{\mathrm{th}}$, 10:30a to 12:00p, Community Center; Tuesday, April $5^{\text {th }}$, Huntington Woods Parks \& Rec Center, 6:30p to $8: 00 \mathrm{p}$. There will be a town hall meeting on income and tax inequality in Michigan, Ferndale High School, Thursday, April 14 ${ }^{\text {th }}$, 7:00p. The budget is what is being addressed in Lansing at this time, along with Detroit Public Schools. March is reading month and Mr. Wittenberg hopes to cover all the schools in his district to either read to the younger students or speak to the government classes for the older students. Any questions or concerns, contact Mr. Wittenberg at robertwittenberg@house.mi.gov or 517-373-0478. Commissioner Krzysiak commented that he hopes that Lansing will be able to come to a decision on the Detroit Public Schools for the sake of
the students and the families in order for them to be able to have a good experience with school same as residents, such as, Pleasant Ridge, get to experience. Commissioner Krzysiak questioned the cuts that could be made to mental health and Mr. Wittenberg responded that this is a society issue and he will not support any cuts.

Chief Kevin Nowak, Pleasant Ridge Police, reported there is a new crossing guard for Roosevelt School and is doing well. February crime numbers are down in Pleasant Ridge. Chief Nowak reminded that the IRS scam phone calls are prevalent during this time of year. Chief Nowak mentioned that the police department will be enforcing the leash requirements, and the ordinance is on the City's Website for residents to become familiar with and understand their responsibilities as pet owners. The police department has purchased three laptops to be mounted in the patrol vehicles to replace the computers that were 15 -years-old. The Pleasant Ridge Foundation assisted in the purchase and the Chief thanked the Foundation and the residents for their support.

## Request to Fund Roosevelt Playground Improvements

City Manager Breuckman mentioned that the Ferndale School District is undertaking a playground improvement project this summer that will convert the playground area along Ridge Road, the former basketball court, and a benefit to the residents on the west side of the city. The school district would like to partner with the City to facilitate the improvement. Mr. Blake Prewitt, Ferndale Schools Superintendent, Ms. Diane Keith, Principal Roosevelt Elementary School, and Ms. Jackie Hart, newly appointed Ferndale Public School Member were present at the meeting. Superintendent Prewitt explained that the bond fund did provide many improvements to the schools. The large cement pad from the basketball court is a safety concern and will be renovated with playground equipment focusing on those children that have special needs. The overall playground project is expected to cost $\$ 83,729.00$. The assembly and playground landscape will be a "community build" project and Keller Williams is volunteering to assist. Commissioner Krzysiak inquired if residents could participate in the project and Prewitt responded that all are welcomed. Breuckman reported that the monies for Phase II would be funded through the capital improvement projects.

## 16-3238

Motion by Commissioner Foreman, second by Commissioner Perry, that the Pleasant Ridge City Commission authorize a contribution of up to $\$ 7,140$ towards the Roosevelt playground improvement project to pay for Phase II.

Adopted: Yeas: Commissioner Foreman, Perry, Scott, Krzysiak, Mayor Metzger. Nays: None.

## City Commissioner Liaison Reports

Commissioner Scott on behalf of the Historical Commission reminded residents that the Home \& Garden Tour will be held June $4^{\text {th }}$.

Commissioner Krzysiak reported that the Pancake Brunch is Saturday, March 19 ${ }^{\text {th }}$, starting at 10:00a; 11:30a starts the egg hunt. Baseball signups are still available. Gainsboro playground will be updated as well this year and a subcommittee will be formed to look at equipment and designs. Any ideas or suggestions from the residents are welcomed. The Recreation Commission meets on the last Wednesday of every month at the Community Center.

Commissioner Foreman reported that the Ferndale Education Foundation Auction will be held at the Magic Bag, Ferndale, Thursday, April 26 ${ }^{\text {th }}, 7: 00$ p to $10: 00$ p; tickets $\$ 50.00 /$ person; theme is the Grammys. The spring musical is March 18, 19, and 20; tickets are $\$ 10 /$ adults, $\$ 5 /$ students and seniors. Ferndale's Robotics team received the Chairman's Award for spreading the importance of STEM education and able to participate in the state finals. The next School Board Meeting will be March 21 ${ }^{\text {st }}, 7: 00 \mathrm{p}$, at the high school.

Commissioner Perry reported that the Planning Commission/DDA met Monday, February $22^{\text {nd }}$ and welcomed two new members, Mr. Thomas Treuter and Mr. Kevin Barlow. The DDA appointed a budget subcommittee for 2016 budget. The Planning Commission held a public hearing and voted to approve the Ordinance to amend Chapter 82 (Zoning), Section 82-6, Violations and 82-8 Fines and Imprisonment. The next Planning Commission/DDA meeting will Monday, March 21 ${ }^{\text {st }}, 7: 00 \mathrm{p}$.

## Consent Agenda

16-3239
Motion by Commissioner Perry, second by Commissioner Scott, that the Consent Agenda be approved, as recommended.

Adopted: Yeas: Commissioner Perry, Scott, Foreman, Krzysiak, Mayor Metzger. Nays: None.

Commissioner Perry announced that there are bookmarks available supporting Parenting Awareness Month.

## Supplemental Appropriation A-2016-001

City Manager Breuckman explained that this is budget housekeeping. The DEQ required every city to perform a water reliability study and ground water testing in the DPW yard that was costly and this area needed to be amended.

16-3240
Motion by Commissioner Perry, second by Commissioner Scott, that Supplemental Appropriation A-2016-001 be approved.

Adopted: Yeas: Commissioner Perry, Scott, Foreman, Krzysiak, Mayor Metzger. Nays: None.

## Establish Public Hearing on Tuesday, April 12, 2016, 7:30p.m., on an Ordinance regarding

 Equivalent Residential Unit (ERU) Storm Water ChargesCity Manager Breuckman explained the storm water runoff fee methodology with a PowerPoint presentation. The new method of collecting storm water treatment fees will add a flat fee to utility bills and lower water usage rate. There will be no increase or decrease in the amount collected by the City. Residents will save $\$ 23.00$ on average. The actual cost decrease/increase depends on water usage. The City operates a combined sewer system in that sanitary and storm runoff flow through the same pipes. Sewage treatment costs are recovered through a water and sewer usage rate. The user fee must be proportionate to the cost of service. The proposed action is to switch the ERU billing for storm water costs and to reduce water and sewer usage rate by 30 -percent. There will be no net change, only in how the storm water costs are apportioned. The City needs to determine the total storm water runoff factor city-wide, establish proportional ERU values for each property, and assess costs based on ERU value. The runoff factor is determined by 90 -percent impervious surface
plus 15-percent of pervious surface on each parcel. The total ERU factor for the City is 1257.6. There are 1,124 residential parcels in the City and the ERU value will be determined by neighborhood. The City's FY15-16 storm water treatment cost will be $\$ 335,000.00$, which is a $\$ 266.85$ cost per ERU. The impact on businesses will be an average annual increase of $\$ 975.00$ and will depend on parcel characteristics and water use. This information is on the City's website. Commissioner Krzysiak commended Breuckman for the information packet and encouraged residents to review. Krzysiak personally believes the calculations should be done by parcel and not neighborhood. Commissioner Foreman inquired when the changes take place and how will the residents be made aware. Breuckman responded that the changes start July $1^{\text {st }}$ of the new fiscal year and this will appear on the July/August bills.

## 16-3241

Motion by Commissioner Forman, second by Commissioner Perry, that a public hearing be established on Tuesday, April 12, 2016, at 7:30 p.m., to solicit public comments on an ordinance regarding Equivalent Residential Unit (ERU) Storm Water Charges.

Adopted: Yeas: Commissioner Foreman, Perry, Scott, Mayor Metzger. Nays: Commissioner Krzysiak.

Establish Public Hearing on Tuesday, April 12, 2016, 7:30 p.m., on an Ordinance to amend the Pleasant Ridge City Code Chapter 82 (Zoning), Section 82-6 Violations and Section 82-8 Fines and Imprisonment.
City Manager Breuckman explained this is another step in the municipal civil infraction process.

## 16-3242

Motion by Commissioner Perry, second by Commissioner Scott, that a public hearing be established on Tuesday, April 12, 2016, at 7:30 p.m., to solicit public comments on an ordinance to amend the Pleasant Ridge City Code Chapter 82 (Zoning), Section 82-6 Violations and 82-8 Fines and Imprisonment.

Adopted: Yeas: Commissioner Perry, Scott, Foreman, Krzysiak, Mayor Metzger. Nays: None.

## Establish Public Hearing on Tuesday, April 12, 2016, 7:30 p.m., on an Ordinance regarding Municipal Civil Infractions.

City Manager Breuckman explained this is the final step in the process of creating a municipal civil infraction. The amendment will: 1) Increase the civil fine for a first offense from $\$ 50.00$ to $\$ 100.00$, and clarifies language with regard to repeat offenders; 2) converts the penalty for violating Section 18-50 regarding licensure of landlords from a misdemeanor to a civil infraction; 3) converts the penalty for violating Section 18-131 regarding peddlers' license from a misdemeanor to a civil infraction; 4) makes a small change to clarify paragraph and section designations in the amendments previously adopted by Commission; 5) deletes Section 38-3 dealing with smoke detectors, which topic is now covered by the Michigan State Construction Code; 6) adds a new Chapter 70, Article V, which continues and formally establishes a parking violations bureau for the City, which the City has been utilizing, and sets forth the process and also establishes a schedule of parking fines; and 7) changes the penalty for violation Section 74-29 to provide that any person who willfully or carelessly breaks, destroys or tampers, etc. with any portion of the water system is guilty of a misdemeanor, instead of the current civil infraction designation.

## 16-3243

Motion by Commissioner Foreman, second by Commissioner Perry, that a public hearing be established on Tuesday, April 12, 2016, at 7:30 p.m., to solicit public comments on an ordinance regarding various Municipal Civil Infractions.

Adopted: Yeas: Commissioner Foreman, Perry, Krzysiak, Scott, Mayor Metzger. Nays: None.

## Certification of delinquent utility bills and invoices for collection on the 2016 Summer Tax Roll

Darren Humphreys, Water Clerk, reported that there are 57 properties with unpaid water/sewer and one property with an unpaid invoice that have until May $1^{\text {st }}$ to pay any delinquent amounts or lien is placed on the property's tax roll.

## 16-3244

Motion by Commissioner Perry, second by Commissioner Scott, that the properties in the City with unpaid water and sewer charges or an unpaid invoice for a period of at least two quarters, as certified by the City Administration, be placed on the 2016 Summer Tax Roll as a special assessment.

Adopted: Yeas: Commissioner Perry, Scott, Foreman, Krzysiak, Mayor Metzger. Nays: None.

## Resolution supporting the Michigan DNR Passport Grant Application

Assistant City Manager Scott Pietrzak explained that the MDNR Recreation Passport Grant application is for the 2016 round of funding that will allow continued improvements to Gainsboro Park, specifically the picnic pavilion. The cost of the project is $\$ 70,000.00$ and the City is proposing a 50 -percent grant match of $\$ 35,000.00$. Proposed designs were shown to the Commission and public in attendance at the meeting. City Manager Breuckman added that the application must be submitted by April $1^{\text {st }}$ and that the grant awards will probably not be announced until December; thus, this is a 2017 project. Commissioner Krzysiak commended Pietrzak for the presentation and thorough proposal for the application grant. Commissioner Foreman commented that the design of the structure exceeded his expectations and commended the design team for the drawings provided. Electricity will be provided in the structure and Wi-Fi may be available in the shelter area in the future.

## 16-3245

Motion by Commissioner Krzysiak, second by Commissioner Foreman, that the Resolution in support of the City of Pleasant Ridge Michigan Department of Natural Resources Passport Grant Application be approved.

Adopted: Yeas: Commissioner Krzysiak, Foreman, Perry, Scott, Mayor Metzger. Nays: None.

## 2016 City Commission Goals and Objections

City Manager Breuckman explained this is the second part of the budgeting process and is consistent with last year's list. Commissioner Foreman added that this is a useful tool for the PRCC.

16-3246
Motion by Commissioner Foreman, second by Commissioner Scott, that the 2016 City of Pleasant Ridge City Commission Goals and Objectives statements be approved.

Adopted: Yeas: Commissioner Foreman, Scott, Krzysiak, Perry, Mayor Metzger. Nays: None.

## Resolution - OakTac Participation

Sergeant Robert Ried explained that the Oakland County Tactical Training Consortium (OakTac) was created with the purpose of providing coordination of resources and training, and ultimately position Oakland County to more effectively and efficiently respond in the event of a major incident requiring mutual aid. OakTac provides training and resources on a semi regular basis to police officers in Oakland County of the latest tactics and review of critical incidents. The yearly fee is $\$ 250.00$. Any expenses OakTac occurs are mostly offset by grants. Commissioner Perry inquired as to why the Pleasant Ridge's Police Department has not joined sooner, and Sergeant Ried explained that surrounding communities are just now starting to join the team. Commissioner Krzysiak inquired what the department would do now in an emergency situation and Sergeant Ried explained the department would contact neighboring departments for assistance.

## 16-3247

Motion by Commissioner Foreman, second by Commissioner Perry, that the Resolution regarding the City's participation in the Oakland County Tactical Training Consortium (OakTac) be approved.

Adopted: Yeas: Commissioner Foreman, Perry, Krzysiak, Scott, Mayor Metzger. Nays: None.

## Development of a Dangerous Animals Ordinance

Commissioner Krzysiak mentioned he would like to advocate for the next step in this process. The town hall meeting was sparsely attended, but a good discussion was held. Krzysiak would like to see the enforcement of the leash law prominent and potentially see an ordinance drafted for dangerous animals similar to the one used in Farmington Hills. Commissioner Foreman sees this as a challenging issue and that many of the incidents recorded in the past have to do with dogs that have been unleashed or improperly leashed, and feels that the leash ordinance needs to be reviewed and amended accordingly before creating a dangerous animals ordinance. Krzysiak is looking to have reoccurring incidents avoided and highlight negligent owners. Commissioner Perry does not believe that there have been enough documented incidents over the years to create an ordinance to solve problems that the city has not had been impacted by, and the leash ordinance should be effective by its enforcement. Commissioner Scott echoes Foreman's comments on fine-tuning the existing leash ordinance and that there have not been enough repeat problems/offenses over the past 10 years to warrant a new ordinance on dangerous animals. Chief Nowak added that the existing ordinances on dogs have been in effect since 1919, and the police department will be stepping up its enforcement of the leash ordinance. The police department could issue a citation under state law for a dangerous/vicious animal if need be. Krzysiak is just looking to correct actions on the owners and be preventative of any future problems. Foreman does not believe you can prevent behavior before
it happens and is not comfortable having the City taking on this role. Discussion held. Assistant City Manager Pietrzak commented that the City could better inform the residents on education of animal behavior by placing information on the City's website.

16-3248
Motion by Commissioner Krzysiak, second by Commissioner Foreman, that the development process of a Dangerous Animals Ordnance be approved.

Failed: Yeas: Commissioner Krzysiak.
Nays: Commissioner Foreman, Perry, Scott, Mayor Metzger.

## Resolution regarding I-75 Expansion

City Manager Breuckman explained that similar resolutions have been passed by Ferndale and Royal Oak, and also being considered by other communities. Mayor Metzger added the expansion is an expensive project that is not particularly necessary, especially in a state that has one of the worst public transportation systems and bridges where the money could be put to much better use. The City should stand with neighboring communities in opposition of this expansion of I-75.
Commissioner Perry supports improving existing infrastructure and transportation, and commends the Mayor and City Manager Breuckman for preparing the resolution.

16-3249
Motion by Commissioner Perry, second by Commissioner Foreman, that the Resolution of the City of Pleasant Ridge regarding the I-75 expansion be approved.

Adopted: Yeas: Commissioner Perry, Foreman, Krzysiak, Scott, Mayor Metzger.
Nays: None.

## Leash Law Expansion Feasibility

Foreman clarified that a resident's property is considered a secure location and the animal does not have to be leashed. Foreman would like to request city staff to investigate if there are any requirements for leash length as to a specific species or types of animals and a way to enforce it. Commissioner Scott suggested that if there are any other suggestions to any deficiencies in the leash law be reviewed as well.

## 16-3250

Motion by Commissioner Foreman, second by Commissioner Scott, that the expansion of leash law as to the length of leash and ways to enforce this, and any other options be investigated by city staff.

Adopted: Yeas: Commissioner Foreman, Scott, Krzysiak, Perry, Mayor Metzger. Nays: None

## Community Survey Results Presentation

Mayor Metzger presented a PowerPoint on the Community Survey results and thanked the 308 respondents. The Mayor's summary and results are available on the City's website. The results were very positive in that 99-percent of the surveys received enjoy living in Pleasant Ridge.

## City Manager's Report

City Manager had nothing new to report. Commissioner Foreman inquired as to the replacement of the roof at the Community Center and Breuckman responded that it is all weather dependent.

## Other Business

Commissioner Foreman reported that there was a bobcat sighting in Pleasant Ridge as reported by a resident on Facebook.

Commissioner Krzysiak reported that the next book for the Book Club will be "My Life on the Road" by Gloria Steinem and will be discussed on Monday, March $28^{\text {th }}$, at 7:00 p.m., Community Center.

Commissioner Scott reported that the next Historical Commission Meeting is April $6^{\text {th }}$.
Commissioner Foreman reported that the City Commission Coffee is March 22 ${ }^{\text {nd }}, 7: 00$ p.m., Community Center.

Mayor Metzger reported that the March $8^{\text {th }}$ Election turnout was 54-percent.
With no further business or discussion, Mayor Metzger adjourned the meeting at 10:34 p.m.

[^0]Amy M. Drealan, City Clerk
/mat

## ACCOUNTS PAYABLE

| PAYROLL LIABILITIES | $\$$ | $8,866.60$ |
| :---: | :---: | ---: |
| TAX LIABILITIES | $\$$ | $208,522.63$ |
| ACCOUNTS PAYABLE | $\$$ | $221,768.92$ |
| TOTAL | $\$$ | $439,158.15$ |
| PAYROLL |  |  |
| March 2, 2016 | $\$$ | $30,907.32$ |
| March 16, 2016 | $\$$ | $32,652.26$ |
| March 30, 2016 | $\$$ | $37,102.50$ |
|  |  | $100,662.08$ |


| Check Date | Check | Vendor Name | Description | Amount |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3/2/2016 | 1570 | MIFOP | UNION DUES-MAR 2016 | \$ | 188.00 |
| 3/2/2016 | 1571 | MISDU | FOC DEDUCTIONS | \$ | 224.60 |
| 3/2/2016 | 1572 | M\&T BANK-ICMA - 401a | RETIRMENT CONTRIBUTIONS | \$ | 1,345.44 |
| 3/2/2016 | 1573 | ICMA RETIREMENT TRUST - 457 | RETIRMENT CONTRIBUTIONS | \$ | 1,462.13 |
| $3 / 16 / 2016$ | 1590 | MISDU | FOC DEDUCTIONS | \$ | 224.60 |
| $3 / 16 / 2016$ | 1591 | M\&T BANK-ICMA - 401a | RETIRMENT CONTRIBUTIONS | \$ | 988.14 |
| 3/16/2016 | 1592 | ICMA RETIREMENT TRUST - 457 | RETIRMENT CONTRIBUTIONS | \$ | 1,469.97 |
| 3/30/2016 | 1596 | MISDU | FOC DEDUCTIONS | \$ | 224.60 |
| 3/30/2016 | 1597 | M\&T BANK-ICMA - 401a | RETIRMENT CONTRIBUTIONS | \$ | 988.14 |
| 3/30/2016 | 1598 | ICMA RETIREMENT TRUST - 457 | RETIRMENT CONTRIBUTIONS | \$ | 1,750.98 |
|  |  |  | TOTAL PAYROLL LIABILITIES | \$ | 8,866.60 |



## CITY OF PLEASANT RIDGE CHECK REGISTER

PG 3 ACCOUNTS PAYABLE MARCH 18, 2016

| Check Date | Check | Vendor Name | Description | Amount |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 03/18/2016 | 20219 | 21ST CENTURY MEDIA-MICHIGAN | LEGAL NOTICES | \$ | 914.10 |
| 03/18/2016 | 20220 | ACCUSHRED, LLC | CITY SHREADING SERVICES | \$ | 55.00 |
| 03/18/2016 | 20221 | ADKISON, NEED \& ALLEN P.L.L.C. | CITY ATTORNEY SERVCIES | \$ | 1,839.75 |
| 03/18/2016 | 20222 | ALL PRO EXERCISE, INC. | WELLNESS CENTER EQUIPMENT | \$ | 482.00 |
| 03/18/2016 | 20223 | ANDERSON, ECKSTEIN \& WESTRICK | ENGINEERING SERVICES | \$ | 2,689.55 |
| 03/18/2016 | 20224 | ANN FANCY | ESSENTIAL OILS CLASS | \$ | 50.00 |
| 03/18/2016 | 20225 | ARROW UNIFORM RENTAL | MAT RENTAL \& JANITORIAL SUPPLIES | \$ | 756.14 |
| 03/18/2016 | 20226 | ART HOUSE TOURS | CHURCH TOUR MAY 24, 2016 | \$ | 300.00 |
| 03/18/2016 | 20227 | ASTI ENVIROMENTAL SERVICES | ENVIROMENTAL SERVICES | \$ | 13,035.56 |
| 03/18/2016 | 20228 | BADGER METER, INC. | SOFTWARE SERVICE | \$ | 250.00 |
| 03/18/2016 | 20229 | BCBS OF MICHIGAN | HEALTH CARE BENFITS | \$ | 25,605.27 |
| 03/18/2016 | 20230 | BOSTON MUTUAL LIFE INS. CO | HEALTH CARE BENEFITS | \$ | 170.50 |
| 03/18/2016 | 20231 | BRILAR | DPW CONTRACTED SERVICES | \$ | 27,381.07 |
| 03/18/2016 | 20232 | CARLA KRZYSIAK | YOGA INSTRUCTION | \$ | 528.00 |
| 03/18/2016 | 20233 | CITY OF BERKLEY | FEB PRISONER/DISPATCH SERVICES | \$ | 3,484.61 |
| 03/18/2016 | 20234 | CITY OF ROYAL OAK | WATER AND SEWER MAINTENANCE | \$ | 1,972.83 |
| 03/18/2016 | 20235 | COMMUNITY MEDIA NETWORK | CITY COMMISSION MTG RECORDINGS | \$ | 200.00 |
| 03/18/2016 | 20236 | CONSUMERS ENERGY | CITY UTILITY SERVICES | \$ | 1,246.78 |
| 03/18/2016 | 20237 | DELL MARKETING LP | POLICE CAR COMPUTERS | \$ | 10,002.79 |
| 03/18/2016 | 20238 | DESIGN TEAM + | GAINSBORO PARK DESIGN | \$ | 1,500.00 |
| 03/18/2016 | 20239 | DETROIT EDISON COMPANY | COMMUNITY LIGHTING | \$ | 2,821.55 |
| 03/18/2016 | 20240 | DETROIT SALT COMPANY LLC | CITY BULK SALT | \$ | 5,783.66 |
| 03/18/2016 | 20241 | ELECTION SOURCE | ELECTION SUPPLIES | \$ | 1,090.00 |
| 03/18/2016 | 20242 | ENGRAVING SPECIALISTS, INC. | PLANNING COMMISSION NAME PLATES | \$ | 70.00 |
| 03/18/2016 | 20243 | EUGENE LUMBERG | CITY ATTORNEY CONTRAT SERVICES | \$ | 1,125.00 |
| 03/18/2016 | 20244 | GREAT AMERICA | TELEPHONE SERVICES | \$ | 866.00 |
| 03/18/2016 | 20245 | GREAT LAKES WATER AUTHORITY | IWC CHARGES FOR JANUARY 2016 | \$ | 418.00 |
| 03/18/2016 | 20246 | HOLIDAY LIGHTING SERVICE | CHRISTMAS TREE LIGHTING \& REPAIRS | \$ | 1,844.25 |
| 03/18/2016 | 20247 | J \& J AUTO TRUCK CENTER | POLICE CAR MAINTENANCE | \$ | 264.63 |
| 03/18/2016 | 20248 | JANI-KING OF MICHIGAN, INC | JANITORIAL CLEANING SERVICES | \$ | 2,161.00 |
| 03/18/2016 | 20249 | KEITH OR TODD CUNNINGHAM | REFUND OF DEMOLITION BOND | \$ | 5,000.00 |
| 03/18/2016 | 20250 | KOLIN STUTCHER | ROOM RENTAL RETURN | \$ | 100.00 |
| 03/18/2016 | 20251 | MELANIE SEVALD | CSF CLASS | \$ | 896.00 |
| 03/18/2016 | 20253 | OAKLAND COUNTY TREASURER | GWKDD SEWAGE TREATMENT | \$ | 45,225.25 |
| 03/18/2016 | 20254 | OAKLAND SCHOOLS | PRINTING \& MAILING OF WATER BILLS | \$ | 630.11 |
| 03/18/2016 | 20255 | PLANTE \& MORAN PLLC | ACCOUNTING SERVICES | \$ | 5,339.00 |
| 03/18/2016 | 20256 | RICHARD M DOYLE | EVA BRIGGS AWARD PICTURE | \$ | 250.00 |
| 03/18/2016 | 20257 | SAFEBUILT | CODE ENFORCEMENT | \$ | 605.00 |
| 03/18/2016 | 20258 | SOCRRA | REFUSE COLLECTION CONTRACT | \$ | 7,624.34 |
| 03/18/2016 | 20259 | SOCWA | WATER PURCHASES - FEB 2016 | \$ | 11,483.65 |
| 03/18/2016 | 20260 | THE BANK OF NEW YORK | BOND ANNUAL FEE | \$ | 750.00 |
| 03/18/2016 | 20261 | TOSHIBA BUSINESS SOLUTIONS, USA | TOSHIBA OFFICE SUPPLIES | \$ | 430.00 |
| 03/18/2016 | 20262 | TOSHIBA FINANCIAL SERVICES | COPIER LEASES | \$ | 1,004.30 |
| 03/18/2016 | 20263 | VICTORIA DICKINSON | SIT AND FIT CLASS | \$ | 48.00 |
| 03/18/2016 | 20264 | WEB MATTERS BY KRISTIE | WEBSITE HOSTING MARCH 2016 | \$ | 24.95 |
| 03/18/2016 | 20265 | WEX BANK | FUEL PURCHASES FOR POLICE CARS | \$ | 851.06 |
|  |  |  | Total for 3-18-2016 | \$ | 189,169.70 |

CITY OF PLEASANT RIDGE CHECK REGISTER

Electronic Payments \& P-Card Transactions

| Check Date | Check Vendor Name |  | Description | Amount |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 03/30/2016 | 402 | 5TH 3RD | RECREATION SUPPLIES-MULTI PYMTS | \$ | 877.34 |
| 03/30/2016 | 403 | 5TH 3RD | RECREATION SUPPLIES - MULTI PYMTS | \$ | 425.60 |
| 03/30/2016 | 404 | 5TH 3RD | RECREATION SUPPLIES - MULTI PYMTS | \$ | 1,832.91 |
| 03/30/2016 | 405 | 5TH 3RD | RECREATION SUPPLIES - MULTI PYMTS | \$ | 7,251.55 |
| 03/30/2016 | 406 | DTE ENERGY | UTILITIES SERVICES | \$ | 1,663.89 |
| 03/30/2016 | 407 | FERNDALE PIZZA CO., INC. | MEETING SUPPLIES | \$ | 82.85 |
| 03/30/2016 | 408 | INTERMEDIA.NET INC. | TELECOMMUNICATION SERVICES | \$ | 103.22 |
| 03/30/2016 | 409 | INTERMEDIA.NET INC. | TELECOMMUNICATION SERVICES | \$ | 63.82 |
| 03/30/2016 | 410 | MICHIGAN ASSOCIATION OF PLANNI | WORKSHOP REGISTRATION-BREUCKMAN | \$ | 79.00 |
| 03/30/2016 | 411 | MERS OF MICHIGAN | RETIREMENT CONTRIBUTIONS | \$ | 19,484.77 |
| 03/30/2016 | 412 | PERFECT WATER | FITNESS CENTER SUPPLIES | \$ | 39.95 |
| 03/30/2016 | 413 | POTBELLYS SANDWICH SHOP | MEETING SUPPLIES | \$ | 83.69 |
| 03/30/2016 | 414 | POTBELLYS SANDWICH SHOP | MEETING SUPPLIES | \$ | 88.69 |
| 03/30/2016 | 415 | WOW! BUSINESS | TELECOMMUNICATION SERVICES | \$ | 260.97 |
| 03/30/2016 | 416 | WOW! BUSINESS | TELECOMMUNICATION SERVICES | \$ | 260.97 |
|  |  |  | Total for Electronic Payments | \$ | 32,599.22 |

City of Pleasant Ridge<br>23925 Woodward Avenue<br>Pleasant Ridge, Michigan 48069

## MAYOR'S PROCLAMATION

## April as Fair Housing Month

WHEREAS April 2016 marks the forty-eighth anniversary of the enactment of the Federal Fair Housing Act of 1968, whereby the Congress of the United States instituted a national policy providing fair housing throughout the nation; and

WHEREAS all citizens should acquaint themselves with their rights and responsibilities under the law as set forth in the Civil Rights Act of 1964 and 1968, and the Fair Housing Act of 1968, this landmark law along with other federal and state legislation strictly prohibits housing discrimination on the basis of sex, color, race age, religion, national origin, disability, family or marital status; and

WHEREAS Fair Housing Month is designated to heighten people's awareness of their rights under the law when pursuing the purchase or rental of housing; and

WHEREAS all citizens are entitled to freedom of choice in the selection of housing and are guaranteed certain protections under the law if they are victims of discrimination.

NOW, THEREFORE, LET IT BE KNOWN that I, Kurt Metzger, Mayor of the City of Pleasant Ridge, do hereby authorize the issuance of this special proclamation which declares April 2016 as Fair Housing Month in Pleasant Ridge.

In Witness Whereof, I have hereunto set my hand and caused the seal of the City of Pleasant Ridge, Oakland County, Michigan, to be affixed this $12^{\text {th }}$ day of April, 2016.

City of Pleasant Ridge
23925 Woodward Avenue
Pleasant Ridge, Michigan 48069

## RESOLUTION

## Authorizing West Nile Virus Fund Expense Reimbursement Request

WHEREAS, upon the recommendation of the Oakland County Executive, the Oakland County Board of Commissioner has established a West Nile Virus Fund Program to assist Oakland County cites, villages and townships in addressing mosquito control activities; and

WHEREAS, Oakland County's West Nile Virus Fund Program authorizes Oakland County cities, villages and townships to apply for reimbursement of eligible expenses incurred in connection with personal mosquito protection measures/activity, mosquito habitat eradication, mosquito larviciding or focused adult mosquito insecticide spraying in designated community green areas; and

WHEREAS, the City of Pleasant Ridge, Oakland County, Michigan has incurred expenses in connection with mosquito control activities believed to be eligible for reimbursement under Oakland County's West Nile Fund Program.

NOW, THEREFORE, BE IT RESOLVED, that the City Commission of the City of Pleasant Ridge authorizes and directs its City Manager, as agent for the City of Pleasant Ridge, to request reimbursement of eligible mosquito control activity under Oakland County's West Nile Virus Fund Program.

[^1]
## City of Pleasant Ridge

From: Amy M. Drealan, City Clerk
To: Mayor and City Commission
Date: April 12, 2016
Re: Seventh-Day Adventist Church - Solicitation Request

The City received a request by the Seventh-Day Adventist Church to solicit door-to-door from June, July and August, 2016.

Canvassers for the organization will be working on door-to-door activities related to the Church.

## Requested Action

Approval of the request by the Seventh-Day Adventist Church to solicit door-to-door from June through August 2016.

# City of Pleasant Ridge 

From: Jim Breuckman, City Manager
To: City Commission
Date: April 1, 2016
Re: $\quad$ Ordinance 417 - Municipal Civil Infractions Zoning Ordinance Amendment

## Overview

Attached is a zoning amendment that would reclassify infractions against the zoning ordinance as municipal civil infractions instead of criminal misdemeanors. The Planning Commission held a public hearing and recommended adoption of the amendment at its February 22 meeting.

## Requested Action

City Commission consideration of approval for proposed Ordinance 417.

## Background

Currently violations against the zoning ordinance are classified as criminal misdemeanors, and are processed through the $45^{\text {th }}$ District Court. Municipal civil infractions are processed locally through the City and do not involve the 45th District Court unless the individual against whom the ticket was written challenges the ticket.

This accomplishes two ends - it decriminalizes offenses and it also allows for a more streamlined process which can be handled entirely through Pleasant Ridge City Hall. The purpose of criminal citations is to provide punishment for a violation of the law. The purpose of municipal civil infractions is not to mete out punishment but rather to correct the violation.

The City Commission recently approved an amendment to the City Code of Ordinances establishing a local municipal civil infractions bureau. Our next step is to now reclassify certain violations of local ordinance as municipal civil infractions rather than criminal misdemeanors.

## CITY OF PLEASANT RIDGE <br> Ordinance No.

AN ORDINANCE TO AMEND THE CITY OF PLEASANT RIDGE CODE OF ORDINANCES, CHAPTER 82 - ZONING.

## THE CITY OF PLEASANT RIDGE ORDAINS:

## Section 1.

The following sections of Chapter 82, Zoning, of the Pleasant Ridge City Code are amended as follows:

1. Section 82-6, Violations, is amended in its entirety to read as follows:

Violations of any of the provisions of this chapter shall be municipal civil infractions.
2. Section 82-8, Fines and Imprisonment, is amended to read in its entirety as follows:

The owner of any building, structure or premises or part thereof, where any condition in violation of this chapter shall exist of shall be created, and who has assisted knowingly in the commission of such violation shall be deemed responsible for a separate offense and, upon conviction thereof, shall be liable for the fines and other sanctions provided by Section 1.7.

## Section 2. Severability.

Should any provision or part of this Article be declared by any court of competent jurisdiction to be invalid or unenforceable, the same shall not affect the validity or enforceability of the balance of this Article, which shall remain in full force and effect.

## Section 3. Repealer.

All other ordinances or parts of ordinances in conflict with this ordinance are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

## Section 4. Savings clause.

Nothing in this Article shall be construed to affect any suit or proceeding pending in any court or any rights acquired or any liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 8 of this Ordinance; nor shall any just or legal right or remedy of any character be lost, impaired, or affected by this Ordinance.

## Section 4. Effective Date.

This Ordinance shall become effective seven days after publication of a notice of adoption, as provided by law.

## Section 5. Adoption.

This Ordinance is hereby declared to have been adopted by the Commission of the City of Pleasant Ridge at a meeting duly called and held on the $\qquad$ day of $\qquad$ , 2016, and ordered to be given publication in the manner prescribed by law.

James Breuckman, City Manager

Amy M. Drealan, City Clerk

## MEMORANDUM

TO: Pleasant Ridge City Commission<br>FROM: Gregory K. Need<br>RE: Municipal Civil Infraction<br>DATE: March 9, 2016

Submitted for introduction is a proposed ordinance amendment, which is the final step in the municipal civil infraction process. This amendment does the following:

Item 1 increases the civil fine for a first offense from $\$ 50.00$ to $\$ 100.00$, and clarifies language with regard to repeat offenses.

Item 2 converts the penalty for violating Section 18-50 regarding licensure of landlords from a misdemeanor to a civil infraction.

Item 3 converts the penalty for violating Section 18-131 regarding peddlers' license from a misdemeanor to a civil infraction.

Item 4 makes a small change to clarify paragraph and section designations in the amendments previously adopted by the Commission.

Item 5 deletes Section 38-3, dealing with smoke detectors, which topic is now covered by the Michigan State Construction Code.

Item 6 adds a new Chapter 70, Article V, which continues and formally establishes a parking violations bureau for the City, which the City has been utilizing. The amendments set forth the process and also establish a schedule of parking fines.

Item 7 changes the penalty for violating Section $74-29$ to provide that any person who willfully or carelessly breaks, destroys or tampers, etc. with any portion of the water system is guilty of a misdemeanor, instead of the current civil infraction designation.

Please feel free to call with any questions.

AN ORDINANCE TO AMEND THE PLEASANT RIDGE CITY CODE, CHAPTER 1, GENERAL PROVISIONS, SECTION 1-7(C), GENERAL PENALTY FOR VIOLATIONS OF CODE AND ORDINANCES; CONTINUING VIOLATIONS; CHAPTER 18, BUSINESSES, ARTICLE III, LICENSURE OF LANDLORDS, SECTION 18-50, VIOLATIONS; PENALTY, ARTICLE IV, PEDDLERS, SOLICITORS AND TRANSIENT MERCHANTS, SECTION 18131, DISPLAY; CHAPTER 28, CIVIL INFRACTIONS, ARTICLE I, SECTION 28-10, PENALTIES; CHAPTER 38, FIRE PREVENTION AND PROTECTION, ARTICLE I, IN GENERAL, SECTION 38-3, SMOKE DETECTORS; CHAPTER 70, TRAFFIC AND VEHICLES, BY THE ADDITION OF ARTICLE V, PARKING VIOLATONS AND BUREAU AND PARKING FINES, SECTION 70-89 - SECTION 70-93; AND CHAPTER 74, UTILITIES, ARTICLE II, WATER, DIVISION 1, GENERALLY, SECTION 74-29, INJURY TO FACILITIES.

## THE CITY OF PLEASANT RIDGE HEREBY ORDAINS:

Section 1. Chapter 1, General Provisions, Section 1-7(c) is amended to read in its entirety as follows:

Except as otherwise provided by law, violations of this Code that are not declared to be misdemeanors are municipal civil infractions. Except as otherwise provided by law or ordinance, a person found responsible for a municipal civil infraction shall be subject to a sanction of a civil fine in the following amount, plus any costs, assessments, damages, expenses and other sanctions, as authorized by chapter 87 of the Revised Judicature Act of 1961 as amended, or any other applicable statute or court rule:
(1) Unless otherwise specifically provided for a particular civil infraction, the civil fine for a violation shall be not less than $\$ 100.00$, plus any costs, assessments, damages, expenses and other sanctions, for each infraction.
(2) Increased civil fines may be imposed for repeat offenses. In this subsection, "repeat offense" means a second or any subsequent municipal civil infraction violation of the same requirement or provision committed by the same person for which the person has admitted responsibility or is determined responsible. Unless specifically provided for a particular civil infraction violation, the increased fine for a repeat offense shall be as follows:
a. For the first repeat offense within one year of the prior offenses, a fine of not less than $\$ 250.00$, plus costs, assessments, damages, expenses and other sanctions.
b. For a second repeat offense or any subsequent repeat offense within one year of the prior offense, a fine of not less than $\$ 500.00$, plus costs, assessments, damages, expenses and other sanctions.

Section 2. Chapter 18, Article III, Section 18-50 is amended to delete the second sentence, so as to read in its entirety as follows:

It shall be unlawful for any person to rent or lease any residential housing unit, or to renew any existing lease thereon, or to permit the occupancy or reoccupancy of any residential housing unit under a lease agreement or any other type of nonsale agreement except pursuant to a license as provided for in this article.

Section 3. Chapter 18, Article IV, Section 18-131 shall be amended to read in its entirety as follows:

Every peddler having a license issued under the provisions of this division and doing business within the city shall display his permit upon the request of any person.

Section 4. Chapter 28, Civil Infractions, Article I, Section 28-10 is amended as follows:
References in Section 28-10(c)(6) and (8) to "subsection d(8)", "subsection $\mathrm{d}(8)(\mathrm{e})$ " and "subsection d(8)(f)" are hereby amended to read "subsection $\mathrm{c}(8)$ ", "subsection c(8)(e)" and "subsection c(8)(f)" respectively.

Section 6. Chapter 38, Fire Prevention and Protection, Article I, Section 38-3 is hereby deleted.

Section 7. Chapter 70, Traffic and Vehicles, is hereby amended to add a new Article V, Parking Violations Bureau and Parking Fines:

70-89. Parking Violations Bureau
(a) A parking violations bureau, as heretofore exists, is hereby continued and established for the purpose of handling alleged parking violations within the City, pursuant to the authority of Section 8395 of the revised Judicature Act, Act 154, Public Acts of 1968, as amended (MCL 600.8395).
(b) The office of the City Clerk shall be the Parking Violations Bureau, which office shall be authorized to accept civil infraction admissions in parking violation cases, and to collect and retain civil fines and costs as prescribed by this Article.

70-90. Parking Violations
(a) Civil Infractions. All parking violations provided for in the Michigan Vehicle Code, as adopted by the City, with modifications, and in any chapter of this Code, shall be civil infractions as defined and provided for in the Michigan Vehicle Code. A violation of a parking regulation with the City shall be processed in the same manner as a civil infraction under the Michigan Vehicle Code.
(b) Persons authorized to issue parking violations shall be the following: (1) any police officer of the City, and (2) any other individual appointed by the City Manager as a parking enforcement officer to issue parking violation notices and otherwise comply with the requirements of this Article.
(c) Service of Notice and Presumption. In a civil infraction action involving the parking, stopping, or standing of a motor vehicle, a copy of the notice of parking violation need not be served personally upon the defendant, but may be served upon the registered owner by attaching a copy to the vehicle.
(d) Parking Violation Tickets. The issuance of a parking violation ticket or other notice of violation by a police officer or other parking enforcement official of the City shall be deemed an allegation of a parking violation. Such traffic ticket or notice of violation shall indicate the length of time in which the person to whom it was issued must settle the violation with the parking violations bureau, the amount of the penalty, the address of the bureau, and the business hours of the bureau.

70-91. Admission of Guilt.
No violation may be settled at the parking violations bureau, except at the specific request of the alleged violator. No penalty for any violation shall be accepted from any person who denies having committed the offense. In no case shall the person who was in charge of the bureau determine, or attempt to determine, the truth or falsity of any fact or matter relating to the alleged violation. No person shall be required to dispose of a parking violation at the parking violations bureau, and all persons shall be entitled to have such violation processed before a court having jurisdiction thereof if they so desire.

## 70-92. Uniform Traffic Citation or Complaint

(a) Failure to Pay Fine. If the parking violation fine is not paid by the date indicated on the parking violation notice, the Parking Violations Bureau shall return the notice to the officer who issued the violation. The officer may then file with the district court a uniform traffic citation or a sworn complaint regarding the
allegations stated in the parking violation notice. A copy of the citation or complaint, whichever is utilized, shall be mailed to the registered owner of the vehicle at his or her last known address.
(b) Persons Authorized to Issue. A uniform traffic citation may be issued by a city police officer, or any parking enforcement officer, in lieu of a parking violation notice.

## 70-93. Parking Fines

(a) The schedule of fines payable to the Parking Violations Bureau for parking violations shall be as follows:

1. Parking within 500 feet of fire apparatus $\$ 40.00$
2. Parking within 15 feet of fire hydrant $\$ 40.00$
3. Parking in posted fire lane \$40.00
4. Parking within 20 feet of crosswalk or within 30 feet of a stop sign $\$ 25.00$
5. Double parking \$ 25.00
6. Improper parking \$ 25.00
7. Parking over 24 hours \$ 25.00
8. Prohibited parking \$ 25.00
9. Prohibited parking, handicapped $\$ 100.00$
10. Other violation \$25.00
(b) Other Fines Under Michigan Vehicle Code. All parking violations that are paid to or settled with the City Parking Violations Bureau shall be as provided in this section, unless another fine is specifically provided for in the Michigan Vehicle Code, which other provision shall prevail over what is set forth in this section.
(c) Unpaid or Unsettled Parking Violations. If the parking violation is not settled or paid to the City Parking Violations Bureau as provided in this Article before it is reported to the district court, the fines and costs for the civil infraction shall be as is provided in the Michigan Vehicle Code.

Section 8. Chapter 74, Utilities, Article II, Division 1, Section 74-29, Injury to facilities, shall be amended to read in its entirety as follows:

No person, except an employee of the city in the performance of his duties, shall willfully or carelessly break, damage, destroy, uncover, deface or tamper with any structure, appurtenance or equipment which is a part of the city water distribution system. Any person violating the provisions of this section shall be guilty of a misdemeanor.

## Section 9. Effective Date

This ordinance shall be effective 15 days after enactment and upon publication.
Introduced: $\quad$ Tuesday, March 15, 2016
Public Hearing: Tuesday, April 12, 2016
Adopted:
Published:
Effective:

Amy M. Drealan, CMC
City Clerk

# City of Pleasant Ridge 

James Breuckman, City Manager

From: Jim Breuckman, City Manager
To: City Commission
Date: April 1, 2016
Re: $\quad$ Ordinance to Adopt Equivalent Residential Unit Methodology to Apportion Storm Water Runoff Treatment Costs

## Overview

A number of communities that have combined sewer systems have been served with class action lawsuits over the past few years over storm water runoff treatment costs. In our immediate area, Ferndale and Birmingham have settled such lawsuits for multiple millions of dollars over the past year. Royal Oak contested their lawsuit and won in the trial court based on specific language that is in their Charter. Oak Park is in the middle of a case at the present time.

The basis for the lawsuits is the Bolt v. Lansing case decided by the Michigan Supreme Court in 1998. The basic question of law in all of the lawsuits is the legality of municipalities charging water system users for treatment of storm water runoff that enters the combined sewer system as part of the water usage rate.

The change to the recommended ERU methodology is intended to mitigate the chances that a similar lawsuit could be brought against Pleasant Ridge. Berkley has used the ERU method for over a decade now, Birmingham is moving to the ERU method as a result of their lawsuit settlement, and Madison Heights is also in the process of changing to the ERU method as a result of the changing landscape.

## Requested Action

City Commission consideration of approval for proposed Ordinance 419.

## Background

Staff is proposing that the City move to an Equivalent Residential Unit (ERU) method for how the costs of treatment for storm water runoff are apportioned. When storm water enters the City's combined sewer system it mixes with sanitary sewage and requires treatment before it can be discharged. Oakland County's George W. Kuhn (GWK) treatment facility is a Combined Sewer Overflow (CSO) facility that provides treatment of storm water runoff.

Pleasant Ridge paid Oakland County about $\$ 335,000$ in $\mathrm{FY} 15-16$ for storm water runoff treatment. These costs were passed on to water system users as part of the $\$ 101.50$ per MCF water usage rate. The proposed ERU method would pass on these costs based on a calculated runoff factor for each property that calculates the amount of storm water each property is expected to generate. This is a more proportional method of apportioning storm water runoff charges.

## Definition of User Fees vs. Taxes

The lawsuits contend that there is no relationship between the amount of water a customer draws from the tap and the amount of storm water that a person's property contributes to the system. For this reason, the lawsuits contend that paying for storm water treatment through the water usage rate does not constitute a valid user fee and is instead a tax.

The Court stated in its Bolt decision that "There is no bright-line test for distinguishing between a valid user fee and a tax that violates the Headlee Amendment." However, "a fee generally is exchanged for a service rendered or a benefit conferred, and some reasonable relationship exists between the amount of the fee and the value of the service or benefit."

The Bolt vs. Lansing case established a three-part test to be used when distinguishing between a fee and a tax:

1. A user fee must serve a regulatory purpose rather than a revenue-raising purpose.
2. User fees must be proportionate to the necessary costs of the service.
3. Voluntariness.

## Impact on Pleasant Ridge

Not all of the tests have to be met in order for a user fee to be determined to be valid. However, the general requirement that a reasonable relationship exist between the fee and the service provided suggests that the City should examine how we apportion our storm water treatment costs.

While Royal Oak has prevailed in the initial decision in their case based on specific language in their charter that predates the enactment of the Headlee Amendment, Ferndale and Birmingham chose to settle their cases. Given that Pleasant Ridge currently uses the same fee structure as Ferndale, Birmingham, and Royal Oak, this raises at least the possibility that we could be served with a similar lawsuit.

For the above reasons, Staff is proposing that the City move to the ERU method for apportioning storm water runoff treatment costs. This method of allocating costs arguably has a more proportional relationship between the amount of runoff that a property generates and the fee for services charged to that property.

Attached is a study that establishes how storm water charges would be apportioned to each property using the ERU methodology and an ordinance amendment to establish the ERU storm water runoff charge.

## Royal Oak

Royal Oak contested their lawsuit and won in the trial court based on specific language that is in their Charter. Pleasant Ridge has similar language in Section 74-260 of our Code of Ordinances that Royal Oak has in their Charter, meaning that the defense that Royal Oak used may be available to us were we to be served with such a lawsuit. However, the Plaintiffs have requested reconsideration of the Royal Oak decision, and an appeal to the Michigan Court of Appeals is very likely. Even if Royal Oak prevails, when it comes to lawsuits and litigation, there is always uncertainty.


City of Pleasant Ridge
Ordinance No. 419

AN ORDINANCE TO AMEND CHAPTER 74 (UTILITIES) OF THE PLEASANT RIDGE CITY CODE BY ADDING A NEW ARTICLE V (STORM WATER USER CHARGE), INCLUDING SECTIONS 74-261 (DEFINITIONS), 74262 (STORM WATER SERVICE CHARGES), 74-263 (PROPERTY AFFECTED), $74-264$ (CALCULATION OF CHARGES), and 74-265 (BILLING), and 74-266 (COLLECTION).

## THE CITY OF PLEASANT RIDGE HEREBY ORDAINS:

Section 1. Amendment - Chapter 74 of the Pleasant Ridge City Code is hereby amended to add the following sections:

## ARTICLE V - STORM WATER USER CHARGE

Sec. 70-261 Definitions. The following words, terms and phrases, when used in this division, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

City Manager. The City Manager or his or her designee.
Combined sewer system: Public sewers, drains, ditches and retention ponds used for collecting and transporting storm water and non-storm water in the city.

Equivalent residential unit: A subunit of measurement which relates the volume of storm-water discharged from single-family residential lots to multifamily residential and non-residential lots based on the amount of total and impervious lot area. The formula for an equivalent residential unit (ERU) is as follows:

$$
1 \mathrm{ERU}=\frac{(0.15(\mathrm{TA}-\mathrm{IA}))+(0.90(\mathrm{IA}))}{\mathrm{N}}
$$

where,
TA = total area of all single family residential lots;
IA = impervious area of all single family residential lots;
$\mathrm{N}=$ total number of single family residential lots;
0.15 = runoff coefficient for pervious area;
$0.90=$ runoff coefficient for impervious area.
One ERU in the city is equal to 3,609 square feet. All single-family residential units in the city will be calculated as one ERU.

Impervious lot area: The area of a lot or parcel of land within the city that is covered by buildings, pavement and/or material that substantially reduces the rate of infiltration of storm water into the earth as determined from the dimensions and/or area measurements obtained from the Oakland County tax records, or on-site or photogrammetric measurements. Impervious lot area has a runoff coefficient equal to 0.90 .

Nonstormwater: All flows to the combined sewer system not defined as storm water in this section 74-261, of this division or as determined by the City Manager.

Pervious lot area: All land area that is not impervious. Pervious lot area equals the total lot area, minus the impervious lot area. Pervious lot area has a runoff coefficient equal to 0.15 .

Stormwater: Storm water runoff, snow melt runoff and surface runoff and drainage.

Storm water service charge: The charge imposed for the use of that portion of the combined system that transports storm water, based on the number of ERUs for a lot or parcel of land determined as provided in section 74-263.

Stormwater sewer system: That portion of the combined sewer system that is attributable to the transportation and treatment of storm water.

User: An owner of property which directly or indirectly contributes to the combined sewer system.

## Sec. 74-262 <br> Storm Water Service Charges.

(a) All users shall pay a stormwater service charge based on the volume of storm water which is projected to discharge into the combined sewer system from their property.
(b) The city commission shall, by resolution, set storm water service charges at a rate which will recover from each user its share of the costs of the storm water sewer system attributable to the discharge of storm water from non-city property. The city shall use the revenues of the storm water service charges to pay the costs of water treatment operation and maintenance of the storm water sewer system, and for necessary improvements and additions to the storm water sewer system.
(c) The city may also collect from users charges imposed to pay the implementation and operation of any of the following:
(1) Monitoring, inspection and surveillance procedures;
(2) Reviewing accidental discharge procedures and construction;
(3) Discharge permit applications; or
(4) Other fees as the city may deem necessary to operate the stormwater sewer system.

Sec. 74-263. Calculation of Charges. The stormwater service charge shall equal the number of ERUs for a given lot, multiplied by the annual rate established by the city commission per ERU per year. The formula for determining the number of ERUs per multi-family residential or nonresidential lot shall be calculated from the amount of pervious and impervious lot area as follows:

Number of ERU's $=(\underline{0.15}$ * (TA - IA $))+(0.90 * I A)$
3,609 square feet/ERU
where,

TA = total area of each multifamily residential or nonresidential lot (reported in square feet);
IA = impervious area of each multifamily residential or nonresidential lot (reported in square feet).

Sec. 74-264. Billing. The billing for the storm water service charge may be combined with the billing for other utility services. Final determinations on measurements per ERU will be determined by the City Manager or designee.

Sec. 74-265. Collection. Unpaid storm water service charges shall constitute a lien against the property affected and may be collected using the procedures found in section 74259 of this Code.

Section 2. Effective Date. This Ordinance shall be effective fifteen days after enactment and upon publication.

## Certificate

I hereby certify that the foregoing ordinance was adopted by the City Commission of the City of Pleasant Ridge at a meeting thereof on 2016

Amy M. Drealan, City Clerk<br>City of Pleasant Ridge

City Commission Introduction: .......................March 15, 2016
City Commission Public Hearing: ...................April 12, 2016
City Commission Adoption: $\qquad$
Published: $\qquad$
Effective: $\qquad$


City of Pleasant Ridge
Storm Water Equivalent Residential Unit Apportionment Study

March 24, 2016

# City of Pleasant Ridge Storm Water Equivalent Residential Unit Apportionment Study 

February 19, 2016
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ANDERSON, ECKSTEIN AND WESTRICK, INC.<br>51301 Schoenherr Road, Shelby Township, Michigan 48315<br>Civil Engineers • Surveyors • Architects 586-726-1234

February 1, 2016
James Breuckman, City Manager
City of Pleasant Ridge
23925 Woodward Avenue
Pleasant Ridge, Michigan 48069
Reference: Impervious Surface Analysis
$\quad$ AEW Project No. 0175-0075.

Dear Mr. Breuckman:
As requested, we have reviewed the impervious surface analysis provided on November 20, 2015 to check and verify the GIS layers and runoff calculations. Below are a few comments in regards to our review.

1. The information from the GIS layer appears to correlate with the associated parcels.
2. The runoff area calculation appears to be correct for each parcel. The runoff areas in the excel spreadsheet are calculated by taking the impervious area and multiplying by a runoff coefficient of 0.90 (typical for impervious areas) and adding the pervious area multiplied by a runoff coefficient of 0.15 (typical for flat sloped greenbelt areas). This method is more accurate than using an average runoff coefficient such as 0.55 , like we use now when designing new subdivisions, because you are taking into account the actual impervious area of each parcel.
3. The calculated area of an ERU is $3 ; 609 \mathrm{sft}$ and the cost per ERU calculated to be $\$ 268.93$. Based on the data in the spreadsheet, the calculations appear to be correct.
4. The average ERU per street was calculated by taking the average runoff area per street and dividing the calculated square feet of an ERU.

If you have any questions, please let me know.


## 1. Introduction

### 1.1 Introduction

The City of Pleasant Ridge has a combined sewer system. This type of sewer system collects both sewage and storm water runoff from streets that enters the sewer system through the drain inlets. These types of system were built in the past before sewage treatment plants were common. These systems mix storm water with sewage.

Once the dangers of directing untreated sewage into waterways became known and sewage treatment plants became common, Cities began constructing separated systems where sanitary sewage was conveyed to treatment plants in one set of pipes and storm water runoff was carried to waterways through a separate set of pipes.

The problem with older combined systems is that the volume of storm runoff is many times the volume of dry weather sewage flows. This means that sewer flows during rain events overwhelm the capacity of sewerage treatment plants and cause discharges of untreated sewerage into waterways.

In order to solve this problem, combined sewer systems contain two types of treatment facilities. During dry weather the sewers flow to a sewer treatment plant which treats the sewerage and then discharges the cleaned water to waterways.

During wet weather events, the sewer flows are diverted to a combined sewer overflow (CSO) facility. These CSOs were retrofitted in to combined sewer systems in order to accommodate the large wet weather events.

In Pleasant Ridge, during dry weather, sewerage flows down to the Detroit Water and Sewer Department sewer treatment plant. During wet weather, the sewers are diverted to flow to the George W. Kuhn (GWK) CSO facility. Pleasant Ridge pays about \$542,000 per year for sewer treatment costs. Of this, about $\$ 207,000$ is paid to DWSD for dry weather treatment, and $\$ 335,000$ is paid to Oakland County for wet weather treatment at the GWK facility.

### 1.2 Methodology

The purpose of this study is to establish a methodology for apportioning sewerage treatment costs that segregates storm water runoff treatment costs. Those costs are generated by rainfall, and so an impervious surface analysis is a proportional basis for determining what the fee to each water user should be to cover their proportionate share of the City's overall storm water treatment cost.

The methodology uses the equivalent residential unit (ERU) as the basis of analysis. An ERU is a subunit of measurement that relates the volume of storm water discharged from the average single-family residential lot in the City to multifamily and non-residential lots based on the amount of total and impervious lot area. The formula for an equivalent residential unit is as follows:
$1 \mathrm{ERU}=[(0.9 * \operatorname{IA})+(0.15(\mathrm{TA}-\mathrm{IA})] / \mathrm{N}$
Where,
TA = total area of all single family residential lots
IA = impervious surface area of all single family residential lots
$\mathrm{N}=$ total number of single family residential lots
$0.9=$ runoff coefficient for impervious surface area
$0.15=$ runoff coefficient for pervious surface area.

Impervious surface area is the area of a lot or parcel of land within the city that is covered by buildings, pavement, and/or material that substantially reduces the rate of infiltration of storm water into the earth as determined from the area measurements obtained from photogrammetric measurements through a GIS analysis.

Pervious lot area is all land area that is not impervious.

### 1.3 Impact on Water and Sewer Rate Structure

Rather than collecting revenue from water system users through the water usage rate to pay for storm water CSO treatment costs, the ERU methodology will establish a flat storm water service charge for each parcel based on the number of ERUs for each lot. This study is the basis upon which ERUs will be allocated to each lot in the City.

The water and sewer usage rate will be reduced by an amount sufficient to equal the revenue raised by the storm water service charge.

## 2. Summary of Findings

### 2.1 Summary of City Wide Equivalent Residential Unit Calculations

In order to determine how storm water runoff charges are apportioned, it is first necessary to determine the total storm water runoff figure for each parcel in the City. This is accomplished by measuring pervious and impervious surface area for each parcel in the City and then assigning a runoff area value for each parcel using the following equation:

$$
\text { [Impervious surface area * 0.9] }+ \text { [pervious surface area *0.15] = runoff area value }
$$

The above formula takes into account that some of the rain that falls on impervious surfaces will run to a pervious area and infiltrate into the ground, and that pervious surfaces like turf lawns are not completely pervious and do run some storm water off into the sewers.

Table 1. Runoff Area Calculation - All Single Family Residential Parcels (Area in Square Feet)

|  | A. Total Parcel | B. Total <br> Area | C. Total Pervious <br> Area | D. Resulting <br> Runoff Area |
| :--- | ---: | ---: | ---: | ---: |
| Single Family Residential Parcels | $9,652,859$ | $3,478,236$ | $6,174,623$ | $4,056,606$ |

Once the runoff area value has been calculated for each parcel ${ }^{1}$, we can determine the runoff area for the average single family residential parcel in the City. This value is the Equivalent Residential Unit value.

In Pleasant Ridge, there are 1,124 single family residential parcels with a total runoff area of 4,056,606 square feet. This means that the average single family residential unit has 3,609 square feet of runoff area. Thus, one Equivalent Residential Unit (or ERU) is 3,609 square feet of runoff area.

Table 2. Equivalent Residential Unit Dollar Value Calculation (Area in Square Feet)

|  | A. Number of |
| :--- | ---: | ---: | ---: | ---: |
| Parcels |  |$\quad$| B. Total Runoff |
| ---: | :--- | ---: | :--- |
| Area |$\quad$| C. Equivalent |
| ---: |
| Residential Unit |
| Value |$\quad$| Calculation Guide |
| :---: |
| Single Family Residential Parcels |

There are 25 nonresidential, multiple family, and municipal parcels in the City with a total runoff area of 482,148 square feet. The calculation to determine how many nonresidential ERUs exist in the city is shown in the following table:

Table 3. Number of Total Non-Residential ERUs

|  | B. Equivalent |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | A. Total Runoff | Residential Unit | C. Non-Single |  |
|  | Area | Value | Family ERUs | Calculation Guide |
| Non-Single Family Residential Parcels | 482,148 | 3,609 | 133.6 | $A / B=C$ |

Given that there are 1,124 residential parcels in the City, the total ERU value for single family residential parcels is 1,124. Non-single family residential parcels have a total ERU value of 133.6, meaning that there are 1,124 Residential ERUs +133.6 nonresidential ERUs $=1,257.6$ total ERUs in the City.

[^2]
### 2.2 Apportionment of Storm Water Runoff Charges

Each year the City is assessed a storm water runoff charge from Oakland County. This charge covers the cost of operations at the George W. Kuhn (GWK) combined sewer overflow (CSO) facility. During rain events storm water that enters the City's sewer system is mixed with sanitary sewage, requiring treatment before it can be released to area waterways. On dry days, the City's sanitary sewage flows south to Detroit for treatment, while during wet weather events the flow is diverted to the GWK facility for treatment. Thus, the City pays sanitary sewage treatment charges to the City of Detroit Water and Sewer Department (DWSD) for dry day flows and Oakland County for wet weather flows to the GWK facility.

In FY2015-16 Oakland County charged the City $\$ 335,592$ while DWSD charged the City $\$ 207,111$ for dry day flows. This means that using a proportional apportionment of storm water runoff charges based on ERUs, using FY2015-16 budget numbers each ERU would be equal to:

## FY 2015-16 Storm Water User Charge for 1 ERU = \$335,592/1,257.6 = \$266.85.

If the ERU methodology were in place for the FY15-16 budget year, the annual fee charged to each water user would be based on their ERU value multiplied by $\$ 266.85$, which would be divided equally across the 6 annual bills. With the implementation of the ERU flat fee charge for storm water runoff, the water and sewer usage rate will be reduced because revenues from the usage rate will no longer be used to pay for storm water runoff charges. Based on FY15-16 rates, this would reduce the water and sewer usage rate by about \$36 per MCF of water used.

The $\$ 266.85$ figure will change each year based on the storm water runoff charge assessed to the City by Oakland County.

### 2.3 Equivalent Residential Unit Values by Residential Neighborhood

To this point the analysis has considered all single-family residential parcels as part of one group, arriving at an average runoff area value of 3,609 square feet for all single family residential parcels in the City. However, Pleasant Ridge has a wide variety of lot and house sizes which creates a disparity in the runoff value for residential lots in the various parts of the City.

In order to more accurately apportion ERUs across the City, this study uses assessor's neighborhoods. For the purpose of creating tax assessments each year, the County Assessor has divided the City into 11 neighborhoods. Each of the assessor's neighborhoods contain houses that are similar in terms of lot area and housing size.

The ERU value assigned to each water user in each neighborhood area except for neighborhood RF3 is determined by calculating the average runoff area for that neighborhood and then dividing that average by the ERU value of 3,609. Neighborhood RF3 contains the houses along the west side of Ridge Road. There is a large variation of lot sizes and house sizes which means that there is also a large variation of runoff factors for those properties, and there is also a small number of properties (20). The small number of properties and the large variation in sizes creates an unacceptable level of variance when a neighborhood average is used, and the small number of properties also means that the City can administratively keep the runoff factor calculations for those properties updated on a year-by-year basis. Therefore, those properties will be billed based on their actual calculated runoff factors.

The following tables summarize the ERU value for each residential neighborhood and the parcel-level ERU values for the RF3 neighborhood. A neighborhood map is included on the page after the following table.

Table 4. ERU per Parcel by Residential Neighborhood

| Neighborhood | Total Runoff Area of All Parcels (sq. ft.) | Parcels | Average Runoff Area Per Parcel (sq. ft.) |  | ERU Value (sq. ft.) |  | ERU per Parcel |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| R-3 | 173,718 | 63 | 2,757 | / | 3,609 | = | 0.76 |
| R-6 | 1,184,389 | 423 | 2,800 | 1 | 3,609 | = | 0.78 |
| R-7 | 185,358 | 65 | 2,852 | / | 3,609 | = | 0.79 |
| R-8 | 405,731 | 94 | 4,316 | / | 3,609 | = | 1.20 |
| R-9 | 885,710 | 209 | 4,238 | / | 3,609 | = | 1.17 |
| RF3 | - | - | - |  | - | = | - |
| RF4 | 520,174 | 75 | 6,936 | 1 | 3,609 | = | 1.92 |
| RX3 | 217,743 | 86 | 2,532 | / | 3,609 | = | 0.70 |
| RX4 | 187,459 | 48 | 3,905 | 1 | 3,609 | = | 1.08 |
| RX5 | 76,118 | 20 | 3,806 | 1 | 3,609 | = | 1.05 |
| RX6 | 52,906 | 21 | 2,519 | 1 | 3,609 | = | 0.70 |
| TOTAL: | 4,056,606 | 1,124 | 3,609 | / | 3,609 | = | 1.00 |

Table 5. Nonresidential Parcel ERUs

| Address | Runoff Area (sq. ft.) |  | ERU Value (sq. ft.) |  | ERU |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 14 Ridge | 11,569 | / | 3,609 | = | 3.21 |
| 16 Ridge | 10,936 | / | 3,609 | = | 3.03 |
| 18 Ridge | 6,725 | / | 3,609 | $=$ | 1.86 |
| 20 Ridge | 8,359 | / | 3,609 | $=$ | 2.32 |
| 22 Ridge | 9,462 | / | 3,609 | = | 2.62 |
| 24 Ridge | 10,540 | / | 3,609 | $=$ | 2.92 |
| 26 Ridge | 7,811 | / | 3,609 | $=$ | 2.16 |
| 28 Ridge | 7,115 | / | 3,609 | = | 1.97 |
| 30 Ridge | 9,985 | / | 3,609 | = | 2.77 |
| 32 Ridge | 7,144 | / | 3,609 | $=$ | 1.98 |
| 36 Ridge | 11,718 | / | 3,609 | = | 3.25 |
| 38 Ridge | 12,390 | 1 | 3,609 | = | 3.43 |
| 40 Ridge | 8,291 | / | 3,609 | = | 2.30 |
| 42 Ridge | 4,771 | / | 3,609 | = | 1.32 |
| 44 Ridge | 7,450 | / | 3,609 | = | 2.06 |
| 46 Ridge | 10,018 | / | 3,609 | = | 2.78 |
| 48 Ridge | 5,363 | / | 3,609 | = | 1.49 |
| 50 Ridge | 6,650 | / | 3,609 | = | 1.84 |
| 54 Ridge | 5,138 | / | 3,609 | = | 1.42 |
| 56 Ridge | 5,866 | 1 | 3,609 | = | 1.63 |
|  | 167,299 | / | 3,609 | = | 46.36 |

Figure 1. Pleasant Ridge Neighborhood Map (source: Oakland County Assessor)


### 2.4 Equivalent Residential Unit Values for Multiple Family and Nonresidential Parcels

The ERU value for multiple family and nonresidential parcels will be based on the actual runoff area value calculated for each parcel. The ERU value is determined by dividing the Runoff Area shown in Table 7 by 3,609 square feet.

Table 6. Nonresidential Parcel ERUs

| Address | Runoff Area (sq. ft.) |  | ERU Value (sq. ft.) |  | ERU |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 400 E 10 Mile Road | 38,442 | / | 3,609 | = | 10.65 |
| 404 E 10 Mile Road | 71,864 | / | 3,609 | = | 19.91 |
| 660 E 10 Mile Road | 147,658 | 1 | 3,609 | = | 40.91 |
| 23622 Woodward Avenue | 8,155 | / | 3,609 | = | 2.26 |
| 23634 Woodward Avenue | 4,077 | / | 3,609 | = | 1.13 |
| 23647 Woodward Avenue | 5,716 | / | 3,609 | = | 1.58 |
| 23650 Woodward Avenue | 6,116 | / | 3,609 | = | 1.69 |
| 23675 Woodward Avenue | 6,107 | / | 3,609 | = | 1.69 |
| 23690 Woodward Avenue | 16,156 | 1 | 3,609 | = | 4.48 |
| 23700 Woodward Avenue | 11,949 | / | 3,609 | = | 3.31 |
| 23701 Woodward Avenue | 14,422 | 1 | 3,609 | = | 4.00 |
| 23733 Woodward Avenue | 12,619 | / | 3,609 | = | 3.50 |
| 23760 Woodward Avenue | 4,224 | 1 | 3,609 | = | 1.17 |
| 23800 Woodward Avenue | 12,463 | / | 3,609 | = | 3.45 |
| 23810 Woodward Avenue | 5,478 | / | 3,609 | = | 1.52 |
| 23900 Woodward Avenue | 9,412 | 1 | 3,609 | = | 2.61 |
| 23992 Woodward Avenue | 8,742 | / | 3,609 | = | 2.42 |
| 24028 Woodward Avenue | 28,948 | / | 3,609 | = | 8.02 |
| 24052 Woodward Avenue | 9,933 | / | 3,609 | = | 2.75 |
| 24100 Woodward Avenue | 4,626 | 1 | 3,609 | = | 1.28 |
| 24126 Woodward Avenue | 2,856 | / | 3,609 | = | 0.79 |
| 24200 Woodward Avenue | 8,597 | / | 3,609 | = | 2.38 |
| 24220 Woodward Avenue | 9,267 | / | 3,609 | = | 2.57 |
| 24280 Woodward Avenue | 30,235 | / | 3,609 | = | 8.38 |
| 6 Woodward Heights | 4,086 | / | 3,609 | = | 1.13 |
|  | 482,148 | / | 3,609 | = | 133.60 |

Please refer to Table 7 in the following section for the amount of total, impervious, and pervious area for each parcel. The impervious and pervious area are used to calculate the runoff area for each parcel.

## 3. Supplemental Information

### 3.1 Parcel Level Area and Impervious Surface - Raw Parcel Level Data

Table 7. Parcel Level Impervious Surface and Runoff Area

| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 AMHERST RD | 5,058.39 | 2,210.28 | 2,848.10 | 2,416.47 | R-1C | R-6 |
| 10 AMHERST RD | 6,487.21 | 3,283.48 | 3,203.73 | 3,435.69 | R-1C | R-6 |
| 11 AMHERST RD | 5,398.52 | 3,144.73 | 2,253.78 | 3,168.33 | R-1C | R-6 |
| 12 AMHERST RD | 6,514.41 | 2,638.03 | 3,876.38 | 2,955.68 | R-1C | R-6 |
| 13 AMHERST RD | 5,412.94 | 2,385.37 | 3,027.57 | 2,600.97 | R-1C | R-6 |
| 14 AMHERST RD | 6,541.57 | 2,169.52 | 4,372.05 | 2,608.38 | R-1C | R-6 |
| 15 AMHERST RD | 5,423.65 | 2,303.82 | 3,119.83 | 2,541.41 | R-1C | R-6 |
| 16 AMHERST RD | 6,568.74 | 2,647.77 | 3,920.97 | 2,971.14 | R-1C | R-6 |
| 18 AMHERST RD | 6,595.86 | 3,545.94 | 3,049.92 | 3,648.83 | R-1C | R-6 |
| 22 AMHERST RD | 6,623.08 | 1,666.11 | 4,956.97 | 2,243.04 | R-1C | R-6 |
| 26 AMHERST RD | 6,650.27 | 2,930.82 | 3,719.45 | 3,195.66 | R-1C | R-6 |
| 3 AMHERST RD | 4,273.40 | 2,518.23 | 1,755.17 | 2,529.68 | R-1C | R-6 |
| 30 AMHERST RD | 6,677.44 | 2,433.65 | 4,243.78 | 2,826.86 | R-1C | R-6 |
| 34 AMHERST RD | 6,704.64 | 1,469.97 | 5,234.67 | 2,108.17 | R-1C | R-6 |
| 36 AMHERST RD | 5,713.05 | 3,088.90 | 2,624.16 | 3,173.63 | R-1C | R-6 |
| 38 AMHERST RD | 5,465.74 | 1,899.06 | 3,566.68 | 2,244.16 | R-1C | R-6 |
| 40 AMHERST RD | 5,578.81 | 2,711.56 | 2,867.26 | 2,870.49 | R-1C | R-6 |
| 42 AMHERST RD | 5,592.85 | 2,993.77 | 2,599.08 | 3,084.25 | R-1C | R-6 |
| 46 AMHERST RD | 5,607.00 | 2,540.42 | 3,066.58 | 2,746.37 | R-1C | R-6 |
| 48 AMHERST RD | 6,747.02 | 2,597.67 | 4,149.36 | 2,960.30 | R-1C | R-6 |
| 5 AMHERST RD | 5,354.70 | 3,023.90 | 2,330.80 | 3,071.13 | R-1C | R-6 |
| 50 AMHERST RD | 4,509.34 | 2,231.74 | 2,277.60 | 2,350.20 | R-1C | R-6 |
| 52 AMHERST RD | 5,649.31 | 2,844.92 | 2,804.39 | 2,981.08 | R-1C | R-6 |
| 56 AMHERST RD | 5,663.41 | 2,377.81 | 3,285.60 | 2,632.87 | R-1C | R-6 |
| 58 AMHERST RD | 5,677.51 | 2,692.52 | 2,985.00 | 2,871.01 | R-1C | R-6 |
| 60 AMHERST RD | 5,691.59 | 2,826.42 | 2,865.17 | 2,973.55 | R-1C | R-6 |
| 62 AMHERST RD | 5,705.70 | 1,536.33 | 4,169.37 | 2,008.10 | R-1C | R-6 |
| 64 AMHERST RD | 5,719.86 | 2,957.93 | 2,761.93 | 3,076.43 | R-1C | R-6 |
| 68 AMHERST RD | 5,733.85 | 2,152.27 | 3,581.58 | 2,474.28 | R-1C | R-6 |
| 7 AMHERST RD | 5,369.35 | 2,544.51 | 2,824.84 | 2,713.79 | R-1C | R-6 |
| 70 AMHERST RD | 5,747.98 | 2,646.64 | 3,101.35 | 2,847.18 | R-1C | R-6 |
| 72 AMHERST RD | 5,762.09 | 2,567.24 | 3,194.86 | 2,789.74 | R-1C | R-6 |
| 76 AMHERST RD | 5,776.21 | 2,724.70 | 3,051.51 | 2,909.96 | R-1C | R-6 |
| 78 AMHERST RD | 5,790.30 | 2,853.75 | 2,936.55 | 3,008.86 | R-1C | R-6 |
| 8 AMHERST RD | 3,976.98 | 1,233.85 | 2,743.13 | 1,521.94 | R-1C | R-6 |
| 80 AMHERST RD | 5,804.38 | 2,654.75 | 3,149.63 | 2,861.72 | R-1C | R-6 |
| 82 AMHERST RD | 5,818.49 | 2,427.41 | 3,391.08 | 2,693.33 | R-1C | R-6 |
| 86 AMHERST RD | 5,832.51 | 2,011.33 | 3,821.18 | 2,383.37 | R-1C | R-6 |
| 88 AMHERST RD | 5,810.77 | 3,228.32 | 2,582.46 | 3,292.85 | R-1C | R-6 |
| 9 AMHERST RD | 5,383.82 | 2,177.44 | 3,206.38 | 2,440.65 | R-1C | R-6 |
| 90 AMHERST RD | 7,705.72 | 1,875.18 | 5,830.54 | 2,562.24 | R-1C | R-6 |
| 17 AMHERST RD | 4,352.64 | 2,456.15 | 1,896.49 | 2,495.01 | R-1D | R-6 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 19 AMHERST RD | 4,361.81 | 2,663.84 | 1,697.97 | 2,652.15 | R-1D | R-6 |
| 21 AMHERST RD | 4,371.27 | 2,704.78 | 1,666.50 | 2,684.27 | R-1D | R-6 |
| 23 AMHERST RD | 4,380.57 | 1,929.96 | 2,450.61 | 2,104.55 | R-1D | R-6 |
| 25 AMHERST RD | 4,389.83 | 2,878.68 | 1,511.15 | 2,817.48 | R-1D | R-6 |
| 27 AMHERST RD | 4,399.24 | 2,564.11 | 1,835.13 | 2,582.97 | R-1D | R-6 |
| 29 AMHERST RD | 4,408.62 | 3,205.40 | 1,203.23 | 3,065.34 | R-1D | R-6 |
| 31 AMHERST RD | 4,417.71 | 2,755.55 | 1,662.16 | 2,729.32 | R-1D | R-6 |
| 33 AMHERST RD | 4,423.06 | 1,884.82 | 2,538.25 | 2,077.07 | R-1D | R-6 |
| 35 AMHERST RD | 5,546.59 | 1,871.87 | 3,674.71 | 2,235.89 | R-1D | R-6 |
| 37 AMHERST RD | 4,495.26 | 1,815.27 | 2,679.99 | 2,035.74 | R-1D | R-6 |
| 39 AMHERST RD | 4,512.16 | 1,880.01 | 2,632.15 | 2,086.83 | R-1D | R-6 |
| 41 AMHERST RD | 4,522.18 | 2,262.68 | 2,259.51 | 2,375.33 | R-1D | R-6 |
| 43 AMHERST RD | 4,532.27 | 2,368.72 | 2,163.54 | 2,456.38 | R-1D | R-6 |
| 45 AMHERST RD | 4,542.05 | 2,541.43 | 2,000.62 | 2,587.38 | R-1D | R-6 |
| 47 AMHERST RD | 4,552.13 | 2,564.13 | 1,988.00 | 2,605.92 | R-1D | R-6 |
| 49 AMHERST RD | 4,562.16 | 2,792.49 | 1,769.68 | 2,778.69 | R-1D | R-6 |
| 51 AMHERST RD | 4,572.05 | 2,699.92 | 1,872.14 | 2,710.75 | R-1D | R-6 |
| 53 AMHERST RD | 4,582.09 | 2,716.49 | 1,865.60 | 2,724.68 | R-1D | R-6 |
| 55 AMHERST RD | 4,649.65 | 2,471.82 | 2,177.83 | 2,551.31 | R-1D | R-6 |
| 57 AMHERST RD | 4,543.67 | 2,603.53 | 1,940.15 | 2,634.20 | R-1D | R-6 |
| 59 AMHERST RD | 4,611.03 | 2,595.63 | 2,015.39 | 2,638.38 | R-1D | R-6 |
| 61 AMHERST RD | 4,621.17 | 2,608.74 | 2,012.43 | 2,649.73 | R-1D | R-6 |
| 63 AMHERST RD | 4,630.97 | 2,323.32 | 2,307.66 | 2,437.13 | R-1D | R-6 |
| 65 AMHERST RD | 4,641.09 | 2,915.47 | 1,725.61 | 2,882.77 | R-1D | R-6 |
| 67 AMHERST RD | 4,651.05 | 2,105.93 | 2,545.12 | 2,277.11 | R-1D | R-6 |
| 69 AMHERST RD | 4,660.97 | 2,536.26 | 2,124.71 | 2,601.34 | R-1D | R-6 |
| 71 AMHERST RD | 4,671.06 | 2,720.72 | 1,950.34 | 2,741.20 | R-1D | R-6 |
| 73 AMHERST RD | 4,680.91 | 2,342.20 | 2,338.71 | 2,458.79 | R-1D | R-6 |
| 75 AMHERST RD | 4,690.98 | 1,938.42 | 2,752.56 | 2,157.46 | R-1D | R-6 |
| 77 AMHERST RD | 4,700.97 | 1,771.79 | 2,929.18 | 2,033.99 | R-1D | R-6 |
| 79 AMHERST RD | 4,711.00 | 1,708.05 | 3,002.95 | 1,987.68 | R-1D | R-6 |
| 81 AMHERST RD | 4,720.94 | 1,901.72 | 2,819.22 | 2,134.43 | R-1D | R-6 |
| 83 AMHERST RD | 4,472.50 | 2,945.25 | 1,527.25 | 2,879.81 | R-1D | R-6 |
| 85 AMHERST RD | 11,523.27 | 2,473.30 | 9,049.97 | 3,583.46 | R-1D | R-6 |
| 1 CAMBRIDGE BLVD | 11,290.85 | 4,460.21 | 6,830.64 | 5,038.79 | R-1C | R-8 |
| 10 CAMBRIDGE BLVD | 9,424.92 | 3,528.56 | 5,896.36 | 4,060.16 | R-1C | R-8 |
| 11 CAMBRIDGE BLVD | 7,900.09 | 3,487.06 | 4,413.03 | 3,800.31 | R-1C | R-8 |
| 13 CAMBRIDGE BLVD | 8,660.92 | 3,829.63 | 4,831.29 | 4,171.36 | R-1C | R-8 |
| 14 CAMBRIDGE BLVD | 18,849.73 | 5,653.83 | 13,195.91 | 7,067.83 | R-1C | R-8 |
| 15 CAMBRIDGE BLVD | 17,641.46 | 2,375.79 | 15,265.67 | 4,428.06 | R-1C | R-8 |
| 16 CAMBRIDGE BLVD | 9,424.95 | 1,550.61 | 7,874.34 | 2,576.70 | R-1C | R-8 |
| 18 CAMBRIDGE BLVD | 9,424.93 | 3,517.45 | 5,907.48 | 4,051.83 | R-1C | R-8 |
| 19 CAMBRIDGE BLVD | 8,980.47 | 1,872.17 | 7,108.30 | 2,751.19 | R-1C | R-8 |
| 2 CAMBRIDGE BLVD | 8,874.84 | 2,582.70 | 6,292.14 | 3,268.25 | R-1C | R-8 |
| 20 CAMBRIDGE BLVD | 9,424.99 | 5,411.50 | 4,013.49 | 5,472.37 | R-1C | R-8 |
| 22 CAMBRIDGE BLVD | 6,767.35 | 2,021.95 | 4,745.40 | 2,531.57 | R-1C | R-8 |
| 23 CAMBRIDGE BLVD | 6,546.37 | 4,342.09 | 2,204.28 | 4,238.52 | R-1C | R-8 |
| 24 CAMBRIDGE BLVD | 17,847.76 | 4,187.67 | 13,660.09 | 5,817.91 | R-1C | R-8 |
| 25 CAMBRIDGE BLVD | 12,322.30 | 4,154.60 | 8,167.70 | 4,964.30 | R-1C | R-8 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 28 CAMBRIDGE BLVD | 8,845.17 | 3,990.07 | 4,855.10 | 4,319.33 | R-1C | R-8 |
| 29 CAMBRIDGE BLVD | 12,642.04 | 3,626.62 | 9,015.42 | 4,616.27 | R-1C | R-8 |
| 3 CAMBRIDGE BLVD | 9,700.74 | 3,914.45 | 5,786.29 | 4,390.95 | R-1C | R-8 |
| 30 CAMBRIDGE BLVD | 8,844.97 | 3,774.25 | 5,070.72 | 4,157.43 | R-1C | R-8 |
| 31 CAMBRIDGE BLVD | 8,382.65 | 3,939.06 | 4,443.59 | 4,211.70 | R-1C | R-8 |
| 32 CAMBRIDGE BLVD | 8,845.00 | 3,783.95 | 5,061.05 | 4,164.72 | R-1C | R-8 |
| 33 CAMBRIDGE BLVD | 8,346.27 | 3,108.48 | 5,237.79 | 3,583.30 | R-1C | R-8 |
| 34 CAMBRIDGE BLVD | 8,844.99 | 3,749.04 | 5,095.95 | 4,138.53 | R-1C | R-8 |
| 35 CAMBRIDGE BLVD | 8,313.36 | 3,801.18 | 4,512.18 | 4,097.89 | R-1C | R-8 |
| 36 CAMBRIDGE BLVD | 8,845.00 | 4,473.33 | 4,371.67 | 4,681.75 | R-1C | R-8 |
| 37 CAMBRIDGE BLVD | 8,273.34 | 4,075.13 | 4,198.21 | 4,297.35 | R-1C | R-8 |
| 38 CAMBRIDGE BLVD | 8,844.98 | 3,740.77 | 5,104.22 | 4,132.32 | R-1C | R-8 |
| 39 CAMBRIDGE BLVD | 8,236.88 | 3,683.28 | 4,553.60 | 3,997.99 | R-1C | R-8 |
| 4 CAMBRIDGE BLVD | 8,794.50 | 3,729.46 | 5,065.05 | 4,116.27 | R-1C | R-8 |
| 40 CAMBRIDGE BLVD | 8,845.04 | 4,027.15 | 4,817.89 | 4,347.12 | R-1C | R-8 |
| 41 CAMBRIDGE BLVD | 8,200.35 | 2,962.61 | 5,237.74 | 3,452.01 | R-1C | R-8 |
| 42 CAMBRIDGE BLVD | 8,845.28 | 4,575.33 | 4,269.95 | 4,758.29 | R-1C | R-8 |
| 43 CAMBRIDGE BLVD | 8,164.07 | 3,233.80 | 4,930.27 | 3,649.96 | R-1C | R-8 |
| 44 CAMBRIDGE BLVD | 8,844.95 | 3,847.27 | 4,997.68 | 4,212.20 | R-1C | R-8 |
| 45 CAMBRIDGE BLVD | 8,127.57 | 3,443.05 | 4,684.52 | 3,801.42 | R-1C | R-8 |
| 46 CAMBRIDGE BLVD | 8,844.86 | 3,811.92 | 5,032.93 | 4,185.67 | R-1C | R-8 |
| 47 CAMBRIDGE BLVD | 8,091.23 | 3,293.86 | 4,797.37 | 3,684.08 | R-1C | R-8 |
| 48 CAMBRIDGE BLVD | 8,845.14 | 3,632.84 | 5,212.31 | 4,051.40 | R-1C | R-8 |
| 49 CAMBRIDGE BLVD | 8,054.67 | 3,332.77 | 4,721.90 | 3,707.78 | R-1C | R-8 |
| 5 CAMBRIDGE BLVD | 8,094.87 | 3,196.18 | 4,898.69 | 3,611.37 | R-1C | R-8 |
| 50 CAMBRIDGE BLVD | 8,844.93 | 2,992.78 | 5,852.15 | 3,571.32 | R-1C | R-8 |
| 52 CAMBRIDGE BLVD | 8,844.96 | 4,075.97 | 4,768.99 | 4,383.72 | R-1C | R-8 |
| 54 CAMBRIDGE BLVD | 8,312.71 | 3,179.90 | 5,132.81 | 3,631.83 | R-1C | R-8 |
| 6 CAMBRIDGE BLVD | 8,280.93 | 3,621.39 | 4,659.55 | 3,958.18 | R-1C | R-8 |
| 7 CAMBRIDGE BLVD | 7,887.89 | 4,706.84 | 3,181.05 | 4,713.31 | R-1C | R-8 |
| 8 CAMBRIDGE BLVD | 8,919.76 | 3,285.40 | 5,634.36 | 3,802.02 | R-1C | R-8 |
| 9 CAMBRIDGE BLVD | 7,809.60 | 3,532.17 | 4,277.42 | 3,820.57 | R-1C | R-8 |
| 101 CAMBRIDGE BLVD | 10,563.68 | 3,658.16 | 6,905.52 | 4,328.17 | R-1C | R-9 |
| 103 CAMBRIDGE BLVD | 11,507.56 | 2,617.16 | 8,890.40 | 3,689.00 | R-1C | R-9 |
| 104 CAMBRIDGE BLVD | 13,046.09 | 3,514.69 | 9,531.40 | 4,592.93 | R-1C | R-9 |
| 105 CAMBRIDGE BLVD | 7,928.21 | 3,136.48 | 4,791.74 | 3,541.59 | R-1C | R-9 |
| 106 CAMBRIDGE BLVD | 8,758.85 | 3,535.48 | 5,223.38 | 3,965.44 | R-1C | R-9 |
| 107 CAMBRIDGE BLVD | 8,549.59 | 3,988.77 | 4,560.82 | 4,274.02 | R-1C | R-9 |
| 108 CAMBRIDGE BLVD | 8,811.40 | 3,980.33 | 4,831.07 | 4,306.96 | R-1C | R-9 |
| 109 CAMBRIDGE BLVD | 13,205.90 | 3,390.48 | 9,815.42 | 4,523.75 | R-1C | R-9 |
| 110 CAMBRIDGE BLVD | 8,863.81 | 4,218.85 | 4,644.96 | 4,493.71 | R-1C | R-9 |
| 111 CAMBRIDGE BLVD | 14,568.43 | 3,005.41 | 11,563.02 | 4,439.32 | R-1C | R-9 |
| 112 CAMBRIDGE BLVD | 8,916.54 | 4,237.39 | 4,679.15 | 4,515.52 | R-1C | R-9 |
| 114 CAMBRIDGE BLVD | 8,968.99 | 2,963.32 | 6,005.67 | 3,567.84 | R-1C | R-9 |
| 115 CAMBRIDGE BLVD | 16,737.26 | 4,589.51 | 12,147.75 | 5,952.72 | R-1C | R-9 |
| 116 CAMBRIDGE BLVD | 9,021.56 | 2,792.32 | 6,229.25 | 3,447.47 | R-1C | R-9 |
| 117 CAMBRIDGE BLVD | 17,589.32 | 3,495.45 | 14,093.87 | 5,259.99 | R-1C | R-9 |
| 118 CAMBRIDGE BLVD | 9,074.00 | 3,557.02 | 5,516.98 | 4,028.87 | R-1C | R-9 |
| 120 CAMBRIDGE BLVD | 9,126.22 | 2,688.54 | 6,437.68 | 3,385.34 | R-1C | R-9 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 121 CAMBRIDGE BLVD | 17,589.14 | 4,763.57 | 12,825.57 | 6,211.05 | R-1C | R-9 |
| 122 CAMBRIDGE BLVD | 9,179.07 | 3,926.99 | 5,252.08 | 4,322.10 | R-1C | R-9 |
| 124 CAMBRIDGE BLVD | 9,231.77 | 3,908.17 | 5,323.61 | 4,315.89 | R-1C | R-9 |
| 125 CAMBRIDGE BLVD | 17,589.02 | 4,162.63 | 13,426.40 | 5,760.33 | R-1C | R-9 |
| 126 CAMBRIDGE BLVD | 9,284.65 | 5,304.72 | 3,979.93 | 5,371.24 | R-1C | R-9 |
| 127 CAMBRIDGE BLVD | 18,776.62 | 3,780.05 | 14,996.57 | 5,651.53 | R-1C | R-9 |
| 128 CAMBRIDGE BLVD | 9,336.34 | 1,830.19 | 7,506.15 | 2,773.09 | R-1C | R-9 |
| 130 CAMBRIDGE BLVD | 14,098.59 | 5,930.77 | 8,167.82 | 6,562.86 | R-1C | R-9 |
| 131 CAMBRIDGE BLVD | 18,547.00 | 3,447.75 | 15,099.24 | 5,367.87 | R-1C | R-9 |
| 132 CAMBRIDGE BLVD | 14,227.84 | 3,942.46 | 10,285.38 | 5,091.02 | R-1C | R-9 |
| 133 CAMBRIDGE BLVD | 18,452.66 | 1,694.39 | 16,758.27 | 4,038.69 | R-1C | R-9 |
| 134 CAMBRIDGE BLVD | 7,733.66 | 2,571.50 | 5,162.16 | 3,088.68 | R-1C | R-9 |
| 135 CAMBRIDGE BLVD | 17,843.24 | 5,984.05 | 11,859.19 | 7,164.53 | R-1C | R-9 |
| 137 CAMBRIDGE BLVD | 11,959.81 | 3,653.36 | 8,306.44 | 4,533.99 | R-1C | R-9 |
| 139 CAMBRIDGE BLVD | 10,662.09 | 2,862.75 | 7,799.33 | 3,746.38 | R-1C | R-9 |
| 141 CAMBRIDGE BLVD | 10,576.35 | 3,498.70 | 7,077.65 | 4,210.48 | R-1C | R-9 |
| 143 CAMBRIDGE BLVD | 10,610.28 | 3,809.15 | 6,801.13 | 4,448.40 | R-1C | R-9 |
| 145 CAMBRIDGE BLVD | 10,644.91 | 3,739.32 | 6,905.59 | 4,401.22 | R-1C | R-9 |
| 146 CAMBRIDGE BLVD | 11,647.24 | 2,637.42 | 9,009.83 | 3,725.15 | R-1C | R-9 |
| 147 CAMBRIDGE BLVD | 10,678.61 | 2,833.58 | 7,845.04 | 3,726.97 | R-1C | R-9 |
| 149 CAMBRIDGE BLVD | 10,712.99 | 3,942.06 | 6,770.93 | 4,563.50 | R-1C | R-9 |
| 150 CAMBRIDGE BLVD | 9,188.90 | 3,575.32 | 5,613.58 | 4,059.82 | R-1C | R-9 |
| 151 CAMBRIDGE BLVD | 10,747.41 | 3,057.44 | 7,689.97 | 3,905.19 | R-1C | R-9 |
| 153 CAMBRIDGE BLVD | 10,581.76 | 4,309.79 | 6,271.97 | 4,819.60 | R-1C | R-9 |
| 155 CAMBRIDGE BLVD | 10,498.96 | 2,658.76 | 7,840.21 | 3,568.91 | R-1C | R-3 |
| 1 DEVONSHIRE RD | 6,691.59 | 3,986.31 | 2,705.28 | 3,993.47 | R-1C | R-6 |
| 1 DEVONSHIRE RD \# A | 6,691.64 | 3,021.25 | 3,670.39 | 3,269.68 | R-1C | R-6 |
| 13 DEVONSHIRE RD | 8,029.92 | 3,313.99 | 4,715.94 | 3,689.98 | R-1C | R-6 |
| 14 DEVONSHIRE RD | 8,129.53 | 3,132.74 | 4,996.79 | 3,568.99 | R-1C | R-6 |
| 15 DEVONSHIRE RD | 8,029.88 | 3,432.22 | 4,597.66 | 3,778.64 | R-1C | R-6 |
| 16 DEVONSHIRE RD | 8,121.09 | 2,715.92 | 5,405.17 | 3,255.11 | R-1C | R-6 |
| 17 DEVONSHIRE RD | 8,029.85 | 3,452.48 | 4,577.37 | 3,793.84 | R-1C | R-6 |
| 18 DEVONSHIRE RD | 8,112.82 | 2,139.75 | 5,973.08 | 2,821.73 | R-1C | R-6 |
| 19 DEVONSHIRE RD | 6,691.53 | 3,468.58 | 3,222.95 | 3,605.16 | R-1C | R-6 |
| 20 DEVONSHIRE RD | 6,754.20 | 2,872.27 | 3,881.93 | 3,167.33 | R-1C | R-6 |
| 21 DEVONSHIRE RD | 6,691.63 | 2,831.37 | 3,860.26 | 3,127.27 | R-1C | R-6 |
| 22 DEVONSHIRE RD | 6,748.52 | 3,253.31 | 3,495.22 | 3,452.26 | R-1C | R-6 |
| 23 DEVONSHIRE RD | 6,691.58 | 2,514.18 | 4,177.40 | 2,889.37 | R-1C | R-6 |
| 24 DEVONSHIRE RD | 6,742.53 | 2,843.10 | 3,899.43 | 3,143.70 | R-1C | R-6 |
| 25 DEVONSHIRE RD | 6,691.64 | 3,582.68 | 3,108.97 | 3,690.75 | R-1C | R-6 |
| 26 DEVONSHIRE RD | 6,736.80 | 3,076.53 | 3,660.27 | 3,317.92 | R-1C | R-6 |
| 27 DEVONSHIRE RD | 6,691.54 | 2,422.64 | 4,268.91 | 2,820.71 | R-1C | R-6 |
| 28 DEVONSHIRE RD | 6,730.87 | 2,951.12 | 3,779.75 | 3,222.97 | R-1C | R-6 |
| 29 DEVONSHIRE RD | 6,691.64 | 2,951.29 | 3,740.35 | 3,217.21 | R-1C | R-6 |
| 30 DEVONSHIRE RD | 6,725.11 | 3,918.04 | 2,807.07 | 3,947.29 | R-1C | R-6 |
| 31 DEVONSHIRE RD | 6,691.56 | 3,154.92 | 3,536.64 | 3,369.93 | R-1C | R-6 |
| 32 DEVONSHIRE RD | 6,719.40 | 2,960.97 | 3,758.43 | 3,228.63 | R-1C | R-6 |
| 33 DEVONSHIRE RD | 5,353.29 | 1,827.44 | 3,525.85 | 2,173.58 | R-1C | R-6 |
| 34 DEVONSHIRE RD | 5,371.23 | 1,369.17 | 4,002.07 | 1,832.56 | R-1C | R-6 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 35 DEVONSHIRE RD | 5,017.30 | 2,222.69 | 2,794.61 | 2,419.61 | R-1C | R-6 |
| 36 DEVONSHIRE RD | 6,708.04 | 2,133.16 | 4,574.88 | 2,606.08 | R-1C | R-6 |
| 37 DEVONSHIRE RD | 5,353.31 | 2,552.45 | 2,800.86 | 2,717.33 | R-1C | R-6 |
| 38 DEVONSHIRE RD | 6,693.64 | 2,540.28 | 4,153.36 | 2,909.26 | R-1C | R-6 |
| 39 DEVONSHIRE RD | 6,691.67 | 2,495.00 | 4,196.67 | 2,875.00 | R-1C | R-6 |
| 41 DEVONSHIRE RD | 6,691.53 | 3,329.94 | 3,361.59 | 3,501.18 | R-1C | R-6 |
| 42 DEVONSHIRE RD | 6,688.07 | 3,127.96 | 3,560.12 | 3,349.18 | R-1C | R-6 |
| 43 DEVONSHIRE RD | 6,691.66 | 2,918.19 | 3,773.47 | 3,192.39 | R-1C | R-6 |
| 44 DEVONSHIRE RD | 6,682.52 | 2,299.46 | 4,383.06 | 2,726.98 | R-1C | R-6 |
| 45 DEVONSHIRE RD | 6,691.54 | 2,851.30 | 3,840.25 | 3,142.21 | R-1C | R-6 |
| 46 DEVONSHIRE RD | 6,676.35 | 3,419.48 | 3,256.87 | 3,566.06 | R-1C | R-6 |
| 47 DEVONSHIRE RD | 6,691.79 | 2,715.48 | 3,976.31 | 3,040.38 | R-1C | R-6 |
| 48 DEVONSHIRE RD | 6,670.56 | 2,876.25 | 3,794.31 | 3,157.77 | R-1C | R-6 |
| 51 DEVONSHIRE RD | 6,691.43 | 3,726.20 | 2,965.23 | 3,798.36 | R-1C | R-6 |
| 52 DEVONSHIRE RD | 6,665.16 | 2,575.76 | 4,089.41 | 2,931.59 | R-1C | R-6 |
| 54 DEVONSHIRE RD | 6,659.47 | 2,055.84 | 4,603.63 | 2,540.80 | R-1C | R-6 |
| 55 DEVONSHIRE RD | 6,691.62 | 2,137.39 | 4,554.23 | 2,606.79 | R-1C | R-6 |
| 56 DEVONSHIRE RD | 6,653.33 | 2,428.49 | 4,224.84 | 2,819.37 | R-1C | R-6 |
| 57 DEVONSHIRE RD | 6,691.62 | 2,582.05 | 4,109.56 | 2,940.28 | R-1C | R-6 |
| 58 DEVONSHIRE RD | 6,647.67 | 1,369.68 | 5,277.99 | 2,024.41 | R-1C | R-6 |
| 59 DEVONSHIRE RD | 6,691.51 | 3,154.18 | 3,537.33 | 3,369.36 | R-1C | R-6 |
| 61 DEVONSHIRE RD | 6,691.56 | 2,762.93 | 3,928.62 | 3,075.93 | R-1C | R-6 |
| 62 DEVONSHIRE RD | 6,642.22 | 3,370.27 | 3,271.94 | 3,524.04 | R-1C | R-6 |
| 64 DEVONSHIRE RD | 6,636.47 | 3,048.78 | 3,587.70 | 3,282.05 | R-1C | R-6 |
| 65 DEVONSHIRE RD | 6,691.68 | 3,098.07 | 3,593.61 | 3,327.30 | R-1C | R-6 |
| 66 DEVONSHIRE RD | 6,630.40 | 2,895.06 | 3,735.34 | 3,165.86 | R-1C | R-6 |
| 67 DEVONSHIRE RD | 6,691.57 | 3,794.42 | 2,897.14 | 3,849.55 | R-1C | R-6 |
| 68 DEVONSHIRE RD | 6,624.89 | 2,597.32 | 4,027.57 | 2,941.73 | R-1C | R-6 |
| 69 DEVONSHIRE RD | 6,691.62 | 2,337.58 | 4,354.04 | 2,756.93 | R-1C | R-6 |
| 7 DEVONSHIRE RD \# A | 6,691.56 | 3,059.79 | 3,631.77 | 3,298.57 | R-1A | R-6 |
| 71 DEVONSHIRE RD | 6,691.65 | 1,638.92 | 5,052.73 | 2,232.94 | R-1C | R-6 |
| 72 DEVONSHIRE RD | 6,619.01 | 2,931.61 | 3,687.39 | 3,191.56 | R-1C | R-6 |
| 74 DEVONSHIRE RD | 6,613.45 | 2,713.33 | 3,900.12 | 3,027.01 | R-1C | R-6 |
| 10 DEVONSHIRE RD | 13,591.26 | 4,900.74 | 8,690.52 | 5,714.24 | R-1A | R-6 |
| 11 A DEVONSHIRE RD | 6,691.47 | 3,454.81 | 3,236.66 | 3,594.82 | R-1A | R-6 |
| 11 DEVONSHIRE RD | 6,691.59 | 3,452.09 | 3,239.50 | 3,592.80 | R-1A | R-6 |
| 12 DEVONSHIRE RD | 13,567.83 | 4,484.32 | 9,083.51 | 5,398.42 | R-1A | R-6 |
| 3 DEVONSHIRE RD | 13,383.07 | 2,973.31 | 10,409.77 | 4,237.44 | R-1A | R-6 |
| 4 DEVONSHIRE RD | 10,466.73 | 2,781.38 | 7,685.34 | 3,656.05 | R-1A | R-6 |
| 5 DEVONSHIRE RD | 13,383.11 | 2,778.33 | 10,604.79 | 4,091.21 | R-1A | R-6 |
| 6 DEVONSHIRE RD | 13,637.74 | 3,814.89 | 9,822.85 | 4,906.83 | R-1A | R-6 |
| 7 DEVONSHIRE RD | 6,691.58 | 2,737.39 | 3,954.19 | 3,056.78 | R-1A | R-6 |
| 8 DEVONSHIRE RD | 13,614.30 | 2,395.56 | 11,218.74 | 3,838.81 | R-1A | R-6 |
| 9 DEVONSHIRE RD | 13,383.13 | 2,985.47 | 10,397.66 | 4,246.57 | R-1A | R-6 |
| 10 ELM PARK BLVD | 19,999.50 | 4,681.83 | 15,317.67 | 6,511.30 | R-1A | RF4 |
| 11 ELM PARK BLVD | 20,000.10 | 3,609.24 | 16,390.86 | 5,706.95 | R-1A | RF4 |
| 12 ELM PARK BLVD | 19,999.47 | 3,938.63 | 16,060.84 | 5,953.89 | R-1A | RF4 |
| 13 ELM PARK BLVD | 19,999.99 | 3,950.27 | 16,049.72 | 5,962.70 | R-1A | RF4 |
| 14 ELM PARK BLVD | 19,999.48 | 5,754.28 | 14,245.20 | 7,315.63 | R-1A | RF4 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15 ELM PARK BLVD | 20,000.00 | 5,564.17 | 14,435.83 | 7,173.13 | R-1A | RF4 |
| 16 ELM PARK BLVD | 19,997.39 | 4,243.06 | 15,754.32 | 6,181.91 | R-1A | RF4 |
| 17 ELM PARK BLVD | 20,000.03 | 4,458.77 | 15,541.26 | 6,344.08 | R-1A | RF4 |
| 18 ELM PARK BLVD | 19,998.74 | 4,674.33 | 15,324.41 | 6,505.56 | R-1A | RF4 |
| 19 ELM PARK BLVD | 20,000.07 | 6,045.60 | 13,954.46 | 7,534.21 | R-1A | RF4 |
| 20 ELM PARK BLVD | 19,999.99 | 4,055.20 | 15,944.79 | 6,041.40 | R-1A | RF4 |
| 21 ELM PARK BLVD | 19,999.99 | 6,926.91 | 13,073.08 | 8,195.18 | R-1A | RF4 |
| 22 ELM PARK BLVD | 19,999.96 | 5,449.84 | 14,550.12 | 7,087.38 | R-1A | RF4 |
| 23 ELM PARK BLVD | 19,999.99 | 8,002.18 | 11,997.82 | 9,001.63 | R-1A | RF4 |
| 24 ELM PARK BLVD | 19,999.98 | 4,275.61 | 15,724.37 | 6,206.70 | R-1A | RF4 |
| 25 ELM PARK BLVD | 19,999.99 | 2,901.82 | 17,098.16 | 5,176.37 | R-1A | RF4 |
| 26 ELM PARK BLVD | 20,000.07 | 5,849.96 | 14,150.11 | 7,387.48 | R-1A | RF4 |
| 27 ELM PARK BLVD | 20,000.17 | 7,969.23 | 12,030.95 | 8,976.95 | R-1A | RF4 |
| 28 ELM PARK BLVD | 20,000.13 | 5,639.58 | 14,360.55 | 7,229.70 | R-1A | RF4 |
| 29 ELM PARK BLVD | 19,999.82 | 6,783.36 | 13,216.47 | 8,087.49 | R-1A | RF4 |
| 30 ELM PARK BLVD | 19,999.82 | 7,530.49 | 12,469.33 | 8,647.84 | R-1A | RF4 |
| 31 ELM PARK BLVD | 19,999.74 | 5,742.56 | 14,257.18 | 7,306.88 | R-1A | RF4 |
| 32 ELM PARK BLVD | 19,999.84 | 4,445.37 | 15,554.47 | 6,334.00 | R-1A | RF4 |
| 7 ELM PARK BLVD | 19,838.71 | 3,947.00 | 15,891.71 | 5,936.06 | R-1A | RF4 |
| 9 ELM PARK BLVD | 20,234.53 | 4,423.69 | 15,810.84 | 6,352.95 | R-1A | RF4 |
| 101 ELM PARK AVE | 9,927.43 | 2,641.81 | 7,285.63 | 3,470.47 | R-1B | R-9 |
| 102 ELM PARK AVE | 8,099.89 | 3,918.88 | 4,181.01 | 4,154.15 | R-1B | R-9 |
| 104 ELM PARK AVE | 6,749.98 | 3,192.53 | 3,557.45 | 3,406.89 | R-1B | R-9 |
| 105 ELM PARK AVE | 10,314.37 | 3,568.42 | 6,745.96 | 4,223.47 | R-1B | R-9 |
| 106 ELM PARK AVE | 13,500.06 | 3,142.23 | 10,357.83 | 4,381.68 | R-1B | R-9 |
| 107 ELM PARK AVE | 11,796.44 | 3,490.28 | 8,306.16 | 4,387.18 | R-1B | R-9 |
| 110 ELM PARK AVE | 6,749.85 | 2,846.96 | 3,902.89 | 3,147.70 | R-1B | R-9 |
| 111 ELM PARK AVE | 11,777.99 | 3,321.74 | 8,456.25 | 4,258.00 | R-1B | R-9 |
| 112 ELM PARK AVE | 10,123.87 | 3,608.08 | 6,515.80 | 4,224.64 | R-1B | R-9 |
| 115 ELM PARK AVE | 15,671.31 | 3,406.24 | 12,265.07 | 4,905.38 | R-1B | R-9 |
| 116 ELM PARK AVE | 16,875.89 | 4,692.18 | 12,183.71 | 6,050.52 | R-1B | R-9 |
| 117 ELM PARK AVE | 11,729.02 | 3,597.76 | 8,131.25 | 4,457.68 | R-1B | R-9 |
| 120 ELM PARK AVE | 6,750.05 | 3,682.40 | 3,067.66 | 3,774.30 | R-1B | R-9 |
| 121 ELM PARK AVE | 11,707.70 | 5,040.98 | 6,666.72 | 5,536.89 | R-1B | R-9 |
| 122 ELM PARK AVE | 6,750.02 | 3,185.10 | 3,564.92 | 3,401.33 | R-1B | R-9 |
| 123 ELM PARK AVE | 7,793.19 | 3,262.42 | 4,530.78 | 3,615.79 | R-1B | R-9 |
| 125 ELM PARK AVE | 7,774.12 | 3,298.16 | 4,475.97 | 3,639.74 | R-1B | R-9 |
| 126 ELM PARK AVE | 13,499.89 | 4,087.24 | 9,412.65 | 5,090.42 | R-1B | R-9 |
| 127 ELM PARK AVE | 7,619.44 | 4,409.92 | 3,209.51 | 4,450.36 | R-1B | R-9 |
| 128 ELM PARK AVE | 6,872.34 | 3,770.53 | 3,101.81 | 3,858.75 | R-1B | R-9 |
| 129 ELM PARK AVE | 6,888.25 | 3,148.88 | 3,739.37 | 3,394.90 | R-1B | R-9 |
| 130 ELM PARK AVE | 7,594.23 | 3,123.48 | 4,470.75 | 3,481.74 | R-1B | R-9 |
| 131 ELM PARK AVE | 10,038.77 | 3,285.83 | 6,752.93 | 3,970.19 | R-1C | R-9 |
| 132 ELM PARK AVE | 7,481.00 | 3,120.69 | 4,360.31 | 3,462.67 | R-1C | R-9 |
| 134 ELM PARK AVE | 7,478.83 | 2,841.79 | 4,637.05 | 3,253.16 | R-1C | R-9 |
| 99 ELM PARK AVE | 15,122.56 | 3,348.24 | 11,774.32 | 4,779.56 | R-1A | R-9 |
| 1 FAIRWOOD BLVD | 5,677.83 | 2,470.21 | 3,207.62 | 2,704.33 | R-1C | R-6 |
| 10 FAIRWOOD BLVD | 6,523.79 | 3,181.53 | 3,342.26 | 3,364.72 | R-1C | R-6 |
| 11 FAIRWOOD BLVD | 6,588.12 | 2,819.40 | 3,768.73 | 3,102.77 | R-1C | R-6 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 12 FAIRWOOD BLVD | 6,538.54 | 2,848.89 | 3,689.65 | 3,117.45 | R-1C | R-6 |
| 13 FAIRWOOD BLVD | 6,250.64 | 2,126.43 | 4,124.22 | 2,532.42 | R-1C | R-6 |
| 14 FAIRWOOD BLVD | 6,919.64 | 2,277.47 | 4,642.17 | 2,746.05 | R-1C | R-6 |
| 15 FAIRWOOD BLVD | 6,010.97 | 2,105.79 | 3,905.18 | 2,480.99 | R-1C | R-6 |
| 16 FAIRWOOD BLVD | 5,171.86 | 1,911.88 | 3,259.98 | 2,209.69 | R-1C | R-6 |
| 17 FAIRWOOD BLVD | 5,575.91 | 2,867.56 | 2,708.35 | 2,987.06 | R-1C | R-6 |
| 18 FAIRWOOD BLVD | 5,551.42 | 3,206.74 | 2,344.67 | 3,237.77 | R-1C | R-6 |
| 19 FAIRWOOD BLVD | 5,594.85 | 1,118.36 | 4,476.49 | 1,678.00 | R-1C | R-6 |
| 20 FAIRWOOD BLVD | 5,562.81 | 1,925.18 | 3,637.63 | 2,278.30 | R-1C | R-6 |
| 21 FAIRWOOD BLVD | 5,613.80 | 2,440.70 | 3,173.10 | 2,672.60 | R-1C | R-6 |
| 22 FAIRWOOD BLVD | 5,571.68 | 3,637.04 | 1,934.64 | 3,563.53 | R-1C | R-6 |
| 23 FAIRWOOD BLVD | 5,632.86 | 2,475.07 | 3,157.79 | 2,701.23 | R-1C | R-6 |
| 24 FAIRWOOD BLVD | 5,580.82 | 2,512.25 | 3,068.57 | 2,721.31 | R-1C | R-6 |
| 25 FAIRWOOD BLVD | 5,651.86 | 2,233.48 | 3,418.38 | 2,522.89 | R-1C | R-6 |
| 26 FAIRWOOD BLVD | 5,590.00 | 2,827.04 | 2,762.97 | 2,958.78 | R-1C | R-6 |
| 27 FAIRWOOD BLVD | 5,670.89 | 2,364.98 | 3,305.91 | 2,624.37 | R-1C | R-6 |
| 28 FAIRWOOD BLVD | 5,598.88 | 2,128.99 | 3,469.89 | 2,436.57 | R-1C | R-6 |
| 29 FAIRWOOD BLVD | 5,689.92 | 2,737.39 | 2,952.52 | 2,906.53 | R-1C | R-6 |
| 3 FAIRWOOD BLVD | 6,455.46 | 3,541.24 | 2,914.22 | 3,624.25 | R-1C | R-6 |
| 30 FAIRWOOD BLVD | 5,608.04 | 2,227.77 | 3,380.27 | 2,512.04 | R-1C | R-6 |
| 31 FAIRWOOD BLVD | 5,708.89 | 2,607.22 | 3,101.67 | 2,811.75 | R-1C | R-6 |
| 32 FAIRWOOD BLVD | 5,617.09 | 2,605.70 | 3,011.39 | 2,796.84 | R-1C | R-6 |
| 33 FAIRWOOD BLVD | 5,727.92 | 2,519.16 | 3,208.75 | 2,748.56 | R-1C | R-6 |
| 34 FAIRWOOD BLVD | 5,626.22 | 2,354.64 | 3,271.58 | 2,609.91 | R-1C | R-6 |
| 35 FAIRWOOD BLVD | 5,746.95 | 2,544.63 | 3,202.32 | 2,770.52 | R-1C | R-6 |
| 36 FAIRWOOD BLVD | 5,635.24 | 3,001.87 | 2,633.37 | 3,096.69 | R-1C | R-6 |
| 37 FAIRWOOD BLVD | 5,765.93 | 2,420.19 | 3,345.74 | 2,680.03 | R-1C | R-6 |
| 38 FAIRWOOD BLVD | 5,644.31 | 1,616.77 | 4,027.54 | 2,059.23 | R-1C | R-6 |
| 39 FAIRWOOD BLVD | 5,784.94 | 2,543.51 | 3,241.43 | 2,775.37 | R-1C | R-6 |
| 4 FAIRWOOD BLVD | 3,084.08 | 747.09 | 2,336.99 | 1,022.93 | R-1C | R-6 |
| 40 FAIRWOOD BLVD | 5,653.37 | 1,891.45 | 3,761.92 | 2,266.60 | R-1C | R-6 |
| 41 FAIRWOOD BLVD | 5,812.63 | 1,656.64 | 4,155.99 | 2,114.37 | R-1C | R-6 |
| 42 FAIRWOOD BLVD | 5,662.39 | 2,683.51 | 2,978.87 | 2,861.99 | R-1C | R-6 |
| 43 FAIRWOOD BLVD | 5,335.78 | 2,084.51 | 3,251.27 | 2,363.75 | R-1C | R-6 |
| 44 FAIRWOOD BLVD | 6,045.38 | 1,666.44 | 4,378.94 | 2,156.64 | R-1C | R-6 |
| 45 FAIRWOOD BLVD | 6,198.06 | 2,167.17 | 4,030.89 | 2,555.09 | R-1C | R-6 |
| 46 FAIRWOOD BLVD | 5,453.05 | 1,653.38 | 3,799.67 | 2,057.99 | R-1C | R-6 |
| 47 FAIRWOOD BLVD | 5,877.12 | 2,648.80 | 3,228.32 | 2,868.17 | R-1C | R-6 |
| 48 FAIRWOOD BLVD | 5,863.64 | 3,102.36 | 2,761.28 | 3,206.31 | R-1C | R-6 |
| 49 FAIRWOOD BLVD | 5,892.45 | 2,661.90 | 3,230.55 | 2,880.29 | R-1C | R-6 |
| 5 FAIRWOOD BLVD | 6,488.60 | 2,751.99 | 3,736.61 | 3,037.28 | R-1C | R-6 |
| 50 FAIRWOOD BLVD | 5,878.49 | 2,873.62 | 3,004.88 | 3,036.99 | R-1C | R-6 |
| 51 FAIRWOOD BLVD | 5,907.89 | 2,215.82 | 3,692.07 | 2,548.05 | R-1C | R-6 |
| 52 FAIRWOOD BLVD | 5,892.71 | 2,676.57 | 3,216.14 | 2,891.34 | R-1C | R-6 |
| 53 FAIRWOOD BLVD | 5,923.21 | 2,742.81 | 3,180.40 | 2,945.59 | R-1C | R-6 |
| 54 FAIRWOOD BLVD | 5,906.64 | 2,952.43 | 2,954.21 | 3,100.32 | R-1C | R-6 |
| 55 FAIRWOOD BLVD | 5,938.47 | 3,421.10 | 2,517.38 | 3,456.60 | R-1C | R-6 |
| 56 FAIRWOOD BLVD | 5,920.72 | 2,724.49 | 3,196.23 | 2,931.48 | R-1C | R-6 |
| 57 FAIRWOOD BLVD | 5,953.96 | 1,543.76 | 4,410.20 | 2,050.91 | R-1C | R-6 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 58 FAIRWOOD BLVD | 5,934.82 | 3,163.62 | 2,771.20 | 3,262.93 | R-1C | R-6 |
| 59 FAIRWOOD BLVD | 5,969.09 | 2,876.34 | 3,092.75 | 3,052.62 | R-1C | R-6 |
| 6 FAIRWOOD BLVD | 6,436.01 | 2,846.62 | 3,589.39 | 3,100.37 | R-1C | R-6 |
| 60 FAIRWOOD BLVD | 5,948.81 | 1,730.66 | 4,218.15 | 2,190.32 | R-1C | R-6 |
| 61 FAIRWOOD BLVD | 5,984.42 | 2,133.14 | 3,851.29 | 2,497.52 | R-1C | R-6 |
| 62 FAIRWOOD BLVD | 5,963.01 | 2,924.07 | 3,038.95 | 3,087.50 | R-1C | R-6 |
| 63 FAIRWOOD BLVD | 5,999.77 | 3,374.53 | 2,625.24 | 3,430.86 | R-1C | R-6 |
| 64 FAIRWOOD BLVD | 5,976.94 | 2,888.66 | 3,088.28 | 3,063.03 | R-1C | R-6 |
| 65 FAIRWOOD BLVD | 4,928.12 | 1,808.09 | 3,120.03 | 2,095.29 | R-1C | R-6 |
| 66 FAIRWOOD BLVD | 5,990.97 | 1,862.05 | 4,128.92 | 2,295.18 | R-1C | R-6 |
| 7 FAIRWOOD BLVD | 6,521.76 | 2,028.00 | 4,493.76 | 2,499.27 | R-1C | R-6 |
| 8 FAIRWOOD BLVD | 6,509.01 | 2,483.25 | 4,025.76 | 2,838.79 | R-1C | R-6 |
| 9 FAIRWOOD BLVD | 6,554.97 | 2,844.36 | 3,710.61 | 3,116.51 | R-1C | R-6 |
| 1 HANOVER RD | 7,935.71 | 2,939.43 | 4,996.27 | 3,394.93 | R-1C | R-9 |
| 10 HANOVER RD | 9,249.85 | 3,008.10 | 6,241.75 | 3,643.56 | R-1C | R-9 |
| 11 HANOVER RD | 8,038.51 | 2,051.07 | 5,987.44 | 2,744.08 | R-1C | R-9 |
| 12 HANOVER RD | 9,250.09 | 3,028.54 | 6,221.55 | 3,658.92 | R-1C | R-9 |
| 13 HANOVER RD | 8,059.31 | 3,475.39 | 4,583.92 | 3,815.44 | R-1C | R-9 |
| 14 HANOVER RD | 9,249.95 | 2,069.30 | 7,180.65 | 2,939.47 | R-1C | R-9 |
| 15 HANOVER RD | 8,080.09 | 2,833.52 | 5,246.57 | 3,337.15 | R-1C | R-9 |
| 16 HANOVER RD | 9,250.07 | 3,199.90 | 6,050.17 | 3,787.43 | R-1C | R-9 |
| 17 HANOVER RD | 11,347.15 | 2,282.03 | 9,065.12 | 3,413.60 | R-1C | R-9 |
| 18 HANOVER RD | 7,399.96 | 4,155.70 | 3,244.26 | 4,226.77 | R-1D | R-9 |
| 20 HANOVER RD | 7,400.15 | 3,678.83 | 3,721.32 | 3,869.15 | R-1D | R-9 |
| 21 HANOVER RD | 9,758.39 | 2,230.59 | 7,527.79 | 3,136.70 | R-1D | R-9 |
| 22 HANOVER RD | 7,399.94 | 2,011.27 | 5,388.68 | 2,618.44 | R-1D | R-9 |
| 23 HANOVER RD | 6,522.22 | 3,225.95 | 3,296.27 | 3,397.79 | R-1D | R-9 |
| 24 HANOVER RD | 11,099.83 | 3,872.48 | 7,227.35 | 4,569.33 | R-1D | R-9 |
| 25 HANOVER RD | 6,535.48 | 3,719.44 | 2,816.04 | 3,769.90 | R-1D | R-9 |
| 27 HANOVER RD | 6,548.82 | 3,296.56 | 3,252.26 | 3,454.74 | R-1D | R-9 |
| 28 HANOVER RD | 14,800.10 | 3,054.40 | 11,745.70 | 4,510.82 | R-1D | R-9 |
| 29 HANOVER RD | 6,562.07 | 3,321.11 | 3,240.96 | 3,475.14 | R-1D | R-9 |
| 3 HANOVER RD | 7,955.41 | 2,267.30 | 5,688.11 | 2,893.79 | R-1C | R-9 |
| 31 HANOVER RD | 6,575.37 | 2,850.47 | 3,724.89 | 3,124.16 | R-1D | R-9 |
| 32 HANOVER RD | 11,100.02 | 3,135.27 | 7,964.74 | 4,016.46 | R-1D | R-9 |
| 33 HANOVER RD | 6,588.60 | 3,396.10 | 3,192.50 | 3,535.37 | R-1D | R-9 |
| 34 HANOVER RD | 7,399.93 | 3,547.93 | 3,852.00 | 3,770.94 | R-1D | R-9 |
| 35 HANOVER RD | 6,602.07 | 2,880.92 | 3,721.15 | 3,151.00 | R-1D | R-9 |
| 36 HANOVER RD | 7,400.11 | 3,178.56 | 4,221.55 | 3,493.93 | R-1D | R-9 |
| 37 HANOVER RD | 6,615.04 | 1,699.50 | 4,915.54 | 2,266.88 | R-1D | R-9 |
| 38 HANOVER RD | 11,182.12 | 2,832.62 | 8,349.50 | 3,801.78 | R-1C | R-9 |
| 39 HANOVER RD | 7,349.29 | 2,545.38 | 4,803.91 | 3,011.43 | R-1C | R-9 |
| 4 HANOVER RD | 9,249.73 | 3,074.41 | 6,175.32 | 3,693.27 | R-1C | R-9 |
| 5 HANOVER RD | 7,976.18 | 1,974.68 | 6,001.50 | 2,677.44 | R-1C | R-9 |
| 6 HANOVER RD | 9,249.93 | 3,523.68 | 5,726.26 | 4,030.25 | R-1C | R-9 |
| 7 HANOVER RD | 7,997.03 | 3,515.72 | 4,481.31 | 3,836.34 | R-1C | R-9 |
| 8 HANOVER RD | 9,250.10 | 3,460.96 | 5,789.14 | 3,983.23 | R-1C | R-9 |
| 9 HANOVER RD | 8,017.73 | 3,946.23 | 4,071.50 | 4,162.33 | R-1C | R-9 |
| 1 KENBERTON DR | 12,802.52 | 3,262.79 | 9,539.72 | 4,367.47 | R-1B | R-9 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10 KENBERTON DR | 12,001.45 | 3,623.22 | 8,378.23 | 4,517.63 | R-1B | R-9 |
| 11 KENBERTON DR | 12,000.96 | 5,268.58 | 6,732.38 | 5,751.58 | R-1B | R-9 |
| 12 KENBERTON DR | 12,001.08 | 4,963.36 | 7,037.72 | 5,522.68 | R-1B | R-9 |
| 124 KENBERTON DR | 6,600.09 | 2,652.91 | 3,947.18 | 2,979.69 | R-1C | RX6 |
| 14 KENBERTON DR | 12,000.68 | 3,675.94 | 8,324.73 | 4,557.06 | R-1B | R-9 |
| 15 KENBERTON DR | 12,000.84 | 3,336.51 | 8,664.33 | 4,302.50 | R-1B | R-9 |
| 16 KENBERTON DR | 12,000.36 | 4,078.88 | 7,921.48 | 4,859.21 | R-1B | R-9 |
| 17 KENBERTON DR | 12,000.12 | 6,663.23 | 5,336.89 | 6,797.44 | R-1B | R-9 |
| 18 KENBERTON DR | 12,000.17 | 4,312.49 | 7,687.68 | 5,034.39 | R-1B | R-9 |
| 19 KENBERTON DR | 12,000.20 | 3,809.08 | 8,191.12 | 4,656.84 | R-1B | R-9 |
| 2 KENBERTON DR | 12,802.51 | 4,564.52 | 8,237.98 | 5,343.77 | R-1B | R-9 |
| 20 KENBERTON DR | 11,999.86 | 4,593.26 | 7,406.60 | 5,244.92 | R-1B | R-9 |
| 21 KENBERTON DR | 11,999.79 | 5,279.40 | 6,720.39 | 5,759.51 | R-1B | R-9 |
| 22 KENBERTON DR | 13,649.96 | 2,583.28 | 11,066.68 | 3,984.95 | R-1C | R-9 |
| 23 KENBERTON DR | 12,678.29 | 4,032.85 | 8,645.44 | 4,926.38 | R-1C | R-9 |
| 3 KENBERTON DR | 12,802.44 | 4,074.87 | 8,727.56 | 4,976.52 | R-1B | R-9 |
| 4 KENBERTON DR | 12,802.71 | 3,638.54 | 9,164.17 | 4,649.31 | R-1B | R-9 |
| 5 KENBERTON DR | 12,001.72 | 3,965.84 | 8,035.88 | 4,774.64 | R-1B | R-9 |
| 6 KENBERTON DR | 12,002.03 | 3,762.15 | 8,239.88 | 4,621.91 | R-1B | R-9 |
| 7 KENBERTON DR | 12,001.49 | 4,627.70 | 7,373.79 | 5,271.00 | R-1B | R-9 |
| 8 KENBERTON DR | 12,001.57 | 4,461.91 | 7,539.66 | 5,146.67 | R-1B | R-9 |
| 9 KENBERTON DR | 12,001.37 | 4,033.89 | 7,967.48 | 4,825.62 | R-1B | R-9 |
| 100 KENSINGTON BLVD | 3,876.21 | 2,447.65 | 1,428.57 | 2,417.17 | R-1D | RX3 |
| 102 KENSINGTON BLVD | 3,876.24 | 2,521.84 | 1,354.40 | 2,472.81 | R-1D | RX3 |
| 104 KENSINGTON BLVD | 3,876.25 | 2,582.29 | 1,293.96 | 2,518.16 | R-1D | RX3 |
| 19 KENSINGTON BLVD | 5,160.15 | 1,742.47 | 3,417.67 | 2,080.88 | R-1D | RX3 |
| 20 KENSINGTON BLVD | 5,159.99 | 1,241.84 | 3,918.15 | 1,705.38 | R-1D | RX3 |
| 21 KENSINGTON BLVD | 5,160.09 | 2,911.55 | 2,248.55 | 2,957.67 | R-1D | RX3 |
| 22 KENSINGTON BLVD | 5,160.05 | 1,524.28 | 3,635.77 | 1,917.22 | R-1D | RX3 |
| 23 KENSINGTON BLVD | 5,160.11 | 2,619.55 | 2,540.55 | 2,738.68 | R-1D | RX3 |
| 24 KENSINGTON BLVD | 5,160.04 | 2,968.26 | 2,191.78 | 3,000.20 | R-1D | RX3 |
| 25 KENSINGTON BLVD | 5,160.15 | 2,396.49 | 2,763.66 | 2,571.39 | R-1D | RX3 |
| 26 KENSINGTON BLVD | 5,160.10 | 2,665.40 | 2,494.70 | 2,773.07 | R-1D | RX3 |
| 27 KENSINGTON BLVD | 5,160.21 | 3,041.29 | 2,118.92 | 3,055.00 | R-1D | RX3 |
| 28 KENSINGTON BLVD | 5,160.11 | 2,820.44 | 2,339.67 | 2,889.34 | R-1D | RX3 |
| 29 KENSINGTON BLVD | 5,160.15 | 3,091.31 | 2,068.85 | 3,092.50 | R-1D | RX3 |
| 30 KENSINGTON BLVD | 5,160.04 | 2,635.13 | 2,524.91 | 2,750.36 | R-1D | RX3 |
| 31 KENSINGTON BLVD | 5,160.17 | 2,256.73 | 2,903.44 | 2,466.57 | R-1D | RX3 |
| 32 KENSINGTON BLVD | 5,159.98 | 2,311.21 | 2,848.77 | 2,507.40 | R-1D | RX3 |
| 33 KENSINGTON BLVD | 5,160.08 | 2,945.85 | 2,214.23 | 2,983.40 | R-1D | RX3 |
| 34 KENSINGTON BLVD | 5,159.98 | 2,902.51 | 2,257.48 | 2,950.88 | R-1D | RX3 |
| 36 KENSINGTON BLVD | 5,160.06 | 1,179.39 | 3,980.67 | 1,658.55 | R-1D | RX3 |
| 37 KENSINGTON BLVD | 10,320.37 | 2,450.36 | 7,870.01 | 3,385.82 | R-1D | RX3 |
| 38 KENSINGTON BLVD | 5,160.12 | 1,975.56 | 3,184.56 | 2,255.69 | R-1D | RX3 |
| 39 KENSINGTON BLVD | 5,160.17 | 2,798.98 | 2,361.19 | 2,873.26 | R-1D | RX3 |
| 40 KENSINGTON BLVD | 5,159.99 | 2,448.54 | 2,711.45 | 2,610.40 | R-1D | RX3 |
| 41 KENSINGTON BLVD | 5,160.17 | 2,369.62 | 2,790.55 | 2,551.24 | R-1D | RX3 |
| 42 KENSINGTON BLVD | 5,160.03 | 2,527.29 | 2,632.74 | 2,669.47 | R-1D | RX3 |
| 43 KENSINGTON BLVD | 5,160.12 | 1,833.99 | 3,326.13 | 2,149.51 | R-1D | RX3 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 44 KENSINGTON BLVD | 5,160.01 | 2,594.74 | 2,565.27 | 2,720.05 | R-1D | RX3 |
| 45 KENSINGTON BLVD | 5,160.17 | 2,895.51 | 2,264.66 | 2,945.66 | R-1D | RX3 |
| 46 KENSINGTON BLVD | 5,160.08 | 1,730.39 | 3,429.69 | 2,071.80 | R-1D | RX3 |
| 47 KENSINGTON BLVD | 5,160.23 | 1,766.13 | 3,394.10 | 2,098.63 | R-1D | RX3 |
| 49 KENSINGTON BLVD | 5,160.23 | 1,603.20 | 3,557.03 | 1,976.43 | R-1D | RX3 |
| 50 KENSINGTON BLVD | 10,319.99 | 2,059.17 | 8,260.82 | 3,092.38 | R-1D | RX3 |
| 51 KENSINGTON BLVD | 5,160.18 | 1,129.17 | 4,031.02 | 1,620.90 | R-1D | RX3 |
| 52 KENSINGTON BLVD | 5,160.07 | 2,700.20 | 2,459.87 | 2,799.16 | R-1D | RX3 |
| 53 KENSINGTON BLVD | 5,160.23 | 1,999.98 | 3,160.25 | 2,274.02 | R-1D | RX3 |
| 54 KENSINGTON BLVD | 5,160.01 | 1,319.61 | 3,840.40 | 1,763.71 | R-1D | RX3 |
| 55 KENSINGTON BLVD | 3,630.71 | 1,539.77 | 2,090.94 | 1,699.43 | R-1D | RX3 |
| 56 KENSINGTON BLVD | 5,814.82 | 939.21 | 4,875.60 | 1,576.63 | R-1D | RX3 |
| 59 KENSINGTON BLVD | 7,193.69 | 2,612.39 | 4,581.30 | 3,038.35 | R-1D | RX3 |
| 60 KENSINGTON BLVD | 5,814.40 | 2,094.23 | 3,720.17 | 2,442.84 | R-1D | RX3 |
| 61 KENSINGTON BLVD | 5,395.27 | 2,473.69 | 2,921.59 | 2,664.55 | R-1D | RX3 |
| 63 KENSINGTON BLVD | 5,395.32 | 1,547.16 | 3,848.16 | 1,969.67 | R-1D | RX3 |
| 66 KENSINGTON BLVD | 7,752.21 | 3,377.23 | 4,374.98 | 3,695.75 | R-1D | RX3 |
| 67 KENSINGTON BLVD | 3,596.87 | 1,523.65 | 2,073.23 | 1,682.27 | R-1D | RX3 |
| 68 KENSINGTON BLVD | 3,876.41 | 1,083.33 | 2,793.09 | 1,393.96 | R-1D | RX3 |
| 69 KENSINGTON BLVD | 3,596.92 | 1,661.55 | 1,935.37 | 1,785.70 | R-1D | RX3 |
| 70 KENSINGTON BLVD | 3,876.23 | 2,661.48 | 1,214.75 | 2,577.54 | R-1D | RX3 |
| 71 KENSINGTON BLVD | 5,395.25 | 1,943.11 | 3,452.14 | 2,266.62 | R-1D | RX3 |
| 72 KENSINGTON BLVD | 5,814.32 | 2,262.27 | 3,552.05 | 2,568.85 | R-1D | RX3 |
| 75 KENSINGTON BLVD | 5,395.45 | 2,661.72 | 2,733.73 | 2,805.61 | R-1D | RX3 |
| 76 KENSINGTON BLVD | 5,814.41 | 2,144.03 | 3,670.38 | 2,480.18 | R-1D | RX3 |
| 77 KENSINGTON BLVD | 3,596.84 | 2,936.93 | 659.91 | 2,742.22 | R-1D | RX3 |
| 78 KENSINGTON BLVD | 5,814.36 | 1,952.24 | 3,862.12 | 2,336.34 | R-1D | RX3 |
| 79 KENSINGTON BLVD | 3,596.87 | 961.46 | 2,635.41 | 1,260.62 | R-1D | RX3 |
| 81 KENSINGTON BLVD | 3,596.82 | 1,033.52 | 2,563.29 | 1,314.66 | R-1D | RX3 |
| 82 KENSINGTON BLVD | 5,814.35 | 2,892.95 | 2,921.40 | 3,041.86 | R-1D | RX3 |
| 83 KENSINGTON BLVD | 5,395.26 | 2,524.41 | 2,870.85 | 2,702.60 | R-1D | RX3 |
| 84 KENSINGTON BLVD | 7,752.57 | 3,015.16 | 4,737.41 | 3,424.26 | R-1D | RX3 |
| 85 KENSINGTON BLVD | 5,395.40 | 2,067.26 | 3,328.13 | 2,359.76 | R-1D | RX3 |
| 87 KENSINGTON BLVD | 5,395.23 | 3,181.29 | 2,213.94 | 3,195.25 | R-1D | RX3 |
| 88 KENSINGTON BLVD | 3,876.22 | 1,391.72 | 2,484.50 | 1,625.22 | R-1D | RX3 |
| 90 KENSINGTON BLVD | 3,876.26 | 1,242.91 | 2,633.35 | 1,513.62 | R-1D | RX3 |
| 92 KENSINGTON BLVD | 9,690.55 | 3,078.55 | 6,612.00 | 3,762.49 | R-1D | RX3 |
| 93 KENSINGTON BLVD | 5,395.32 | 2,964.94 | 2,430.38 | 3,033.00 | R-1D | RX3 |
| 95 KENSINGTON BLVD | 3,596.93 | 1,390.63 | 2,206.30 | 1,582.51 | R-1D | RX3 |
| 97 KENSINGTON BLVD | 3,596.85 | 1,571.80 | 2,025.05 | 1,718.38 | R-1D | RX3 |
| 98 KENSINGTON BLVD | 5,814.49 | 1,761.61 | 4,052.87 | 2,193.38 | R-1D | RX3 |
| 1 KENSINGTON BLVD | 6,000.05 | 2,327.17 | 3,672.88 | 2,645.39 | R-1C | RX3 |
| 10 KENSINGTON BLVD | 6,450.16 | 1,676.83 | 4,773.33 | 2,225.15 | R-1C | RX3 |
| 11 KENSINGTON BLVD | 6,450.15 | 1,103.55 | 5,346.59 | 1,795.19 | R-1C | RX3 |
| 12 KENSINGTON BLVD | 6,450.05 | 3,487.11 | 2,962.94 | 3,582.84 | R-1C | RX3 |
| 13 KENSINGTON BLVD | 6,450.02 | 2,127.26 | 4,322.76 | 2,562.95 | R-1C | RX3 |
| 14 KENSINGTON BLVD | 6,450.05 | 2,018.26 | 4,431.79 | 2,481.20 | R-1C | RX3 |
| 15 KENSINGTON BLVD | 6,450.11 | 3,053.39 | 3,396.72 | 3,257.56 | R-1C | RX3 |
| 16 KENSINGTON BLVD | 6,450.11 | 1,770.84 | 4,679.26 | 2,295.65 | R-1C | RX3 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17 KENSINGTON BLVD | 6,450.16 | 3,687.36 | 2,762.79 | 3,733.04 | R-1C | RX3 |
| 18 KENSINGTON BLVD | 6,449.99 | 4,004.20 | 2,445.80 | 3,970.65 | R-1C | RX3 |
| 2 KENSINGTON BLVD | 6,450.07 | 2,596.80 | 3,853.27 | 2,915.11 | R-1C | RX3 |
| 3 KENSINGTON BLVD | 6,000.05 | 2,517.90 | 3,482.14 | 2,788.44 | R-1C | RX3 |
| 4 KENSINGTON BLVD | 6,450.03 | 3,206.06 | 3,243.97 | 3,372.05 | R-1C | RX3 |
| 5 KENSINGTON BLVD | 5,999.92 | 3,174.32 | 2,825.60 | 3,280.73 | R-1C | RX3 |
| 6 KENSINGTON BLVD | 6,450.03 | 2,309.22 | 4,140.81 | 2,699.42 | R-1C | RX3 |
| 7 KENSINGTON BLVD | 6,450.13 | 2,556.36 | 3,893.77 | 2,884.79 | R-1C | RX3 |
| 8 KENSINGTON BLVD | 6,449.93 | 1,608.37 | 4,841.56 | 2,173.77 | R-1C | RX3 |
| 9 KENSINGTON BLVD | 6,450.06 | 3,056.42 | 3,393.63 | 3,259.83 | R-1C | RX3 |
| 100 MAPLEFIELD RD | 5,785.69 | 1,949.53 | 3,836.16 | 2,330.00 | R-1C | R-3 |
| 102 MAPLEFIELD RD | 5,223.98 | 2,488.88 | 2,735.09 | 2,650.26 | R-1C | R-3 |
| 103 MAPLEFIELD RD | 7,499.88 | 3,433.77 | 4,066.11 | 3,700.31 | R-1C | R-3 |
| 106 MAPLEFIELD RD | 7,567.66 | 2,547.90 | 5,019.76 | 3,046.08 | R-1C | R-3 |
| 108 MAPLEFIELD RD | 5,262.17 | 2,892.47 | 2,369.70 | 2,958.68 | R-1C | R-3 |
| 110 MAPLEFIELD RD | 7,091.68 | 2,738.93 | 4,352.74 | 3,117.95 | R-1C | R-3 |
| 111 MAPLEFIELD RD | 7,500.35 | 3,083.18 | 4,417.17 | 3,437.44 | R-1C | R-3 |
| 114 MAPLEFIELD RD | 7,117.83 | 2,506.63 | 4,611.20 | 2,947.65 | R-1C | R-3 |
| 115 MAPLEFIELD RD | 5,000.07 | 2,228.54 | 2,771.53 | 2,421.42 | R-1C | R-3 |
| 119 MAPLEFIELD RD | 5,000.05 | 2,837.63 | 2,162.42 | 2,878.23 | R-1C | R-3 |
| 120 MAPLEFIELD RD | 5,977.32 | 2,334.54 | 3,642.78 | 2,647.50 | R-1C | R-3 |
| 121 MAPLEFIELD RD | 5,000.10 | 2,448.31 | 2,551.79 | 2,586.25 | R-1C | R-3 |
| 122 MAPLEFIELD RD | 6,635.83 | 2,057.00 | 4,578.83 | 2,538.12 | R-1C | R-3 |
| 123 MAPLEFIELD RD | 5,499.57 | 3,286.76 | 2,212.81 | 3,290.00 | R-1C | R-3 |
| 126 MAPLEFIELD RD | 6,021.73 | 2,619.33 | 3,402.40 | 2,867.75 | R-1C | R-3 |
| 127 MAPLEFIELD RD | 5,000.09 | 2,629.17 | 2,370.92 | 2,721.89 | R-1C | R-3 |
| 130 MAPLEFIELD RD | 9,000.50 | 2,486.17 | 6,514.32 | 3,214.70 | R-1C | R-3 |
| 133 MAPLEFIELD RD | 6,000.14 | 1,798.60 | 4,201.54 | 2,248.97 | R-1C | R-3 |
| 135 MAPLEFIELD RD | 6,599.09 | 1,611.73 | 4,987.36 | 2,198.66 | R-1C | R-3 |
| 138 MAPLEFIELD RD | 8,938.43 | 3,694.50 | 5,243.93 | 4,111.64 | R-1C | R-3 |
| 139 MAPLEFIELD RD | 6,599.42 | 2,184.69 | 4,414.73 | 2,628.43 | R-1C | R-3 |
| 140 MAPLEFIELD RD | 5,924.28 | 2,253.60 | 3,670.68 | 2,578.84 | R-1C | R-3 |
| 142 MAPLEFIELD RD | 5,896.73 | 2,179.61 | 3,717.12 | 2,519.22 | R-1C | R-3 |
| 143 MAPLEFIELD RD | 6,593.25 | 2,303.06 | 4,290.19 | 2,716.29 | R-1C | R-3 |
| 146 MAPLEFIELD RD | 5,869.05 | 1,171.84 | 4,697.21 | 1,759.24 | R-1C | R-3 |
| 147 MAPLEFIELD RD | 6,599.72 | 2,436.99 | 4,162.73 | 2,817.70 | R-1C | R-3 |
| 150 MAPLEFIELD RD | 7,006.07 | 2,648.07 | 4,358.00 | 3,036.97 | R-1C | R-3 |
| 154 MAPLEFIELD RD | 5,808.31 | 3,037.60 | 2,770.71 | 3,149.45 | R-1C | R-3 |
| 158 MAPLEFIELD RD | 5,780.47 | 2,172.81 | 3,607.66 | 2,496.68 | R-1C | R-3 |
| 160 MAPLEFIELD RD | 5,752.90 | 2,219.79 | 3,533.10 | 2,527.78 | R-1C | R-3 |
| 163 MAPLEFIELD RD | 6,000.54 | 1,888.54 | 4,112.00 | 2,316.49 | R-1C | R-3 |
| 164 MAPLEFIELD RD | 5,725.23 | 1,895.56 | 3,829.67 | 2,280.45 | R-1C | R-3 |
| 165 MAPLEFIELD RD | 5,072.11 | 3,702.63 | 1,369.49 | 3,537.79 | R-1C | R-3 |
| 166 MAPLEFIELD RD | 3,959.55 | 2,273.86 | 1,685.69 | 2,299.32 | R-1C | R-3 |
| 37 MAPLEFIELD RD | 6,600.01 | 2,464.91 | 4,135.11 | 2,838.68 | R-1C | RX6 |
| 40 MAPLEFIELD RD | 5,605.14 | 2,540.88 | 3,064.26 | 2,746.43 | R-1C | RX6 |
| 44 MAPLEFIELD RD | 6,728.49 | 2,294.09 | 4,434.40 | 2,729.84 | R-1C | RX6 |
| 48 MAPLEFIELD RD | 6,187.93 | 2,082.27 | 4,105.66 | 2,489.89 | R-1C | R-3 |
| 49 MAPLEFIELD RD | 6,599.49 | 1,974.82 | 4,624.66 | 2,471.04 | R-1C | R-3 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 52 MAPLEFIELD RD | 5,626.69 | 3,389.03 | 2,237.66 | 3,385.78 | R-1C | R-3 |
| 53 MAPLEFIELD RD | 6,599.37 | 3,012.20 | 3,587.17 | 3,249.05 | R-1C | R-3 |
| 56 MAPLEFIELD RD | 6,760.75 | 2,109.96 | 4,650.79 | 2,596.58 | R-1C | R-3 |
| 57 MAPLEFIELD RD | 6,599.95 | 3,278.06 | 3,321.89 | 3,448.54 | R-1C | R-3 |
| 60 MAPLEFIELD RD | 5,641.12 | 3,042.71 | 2,598.40 | 3,128.20 | R-1C | R-3 |
| 61 MAPLEFIELD RD | 3,000.19 | 1,593.04 | 1,407.15 | 1,644.81 | R-1C | R-3 |
| 63 MAPLEFIELD RD | 2,999.41 | 1,309.21 | 1,690.19 | 1,431.82 | R-1C | R-3 |
| 65 MAPLEFIELD RD | 3,000.31 | 2,414.21 | 586.10 | 2,260.70 | R-1C | R-3 |
| 67 MAPLEFIELD RD | 2,999.74 | 1,154.73 | 1,845.01 | 1,316.01 | R-1C | R-3 |
| 68 MAPLEFIELD RD | 6,212.89 | 2,186.35 | 4,026.54 | 2,571.70 | R-1C | R-3 |
| 70 MAPLEFIELD RD | 6,786.48 | 3,587.93 | 3,198.54 | 3,708.92 | R-1C | R-3 |
| 71 MAPLEFIELD RD | 4,949.60 | 1,960.11 | 2,989.49 | 2,212.52 | R-1C | R-3 |
| 72 MAPLEFIELD RD | 6,229.23 | 3,007.36 | 3,221.86 | 3,189.91 | R-1C | R-3 |
| 73 MAPLEFIELD RD | 4,949.70 | 1,766.54 | 3,183.16 | 2,067.36 | R-1C | R-3 |
| 77 MAPLEFIELD RD | 4,949.03 | 1,705.13 | 3,243.90 | 2,021.20 | R-1C | R-3 |
| 79 MAPLEFIELD RD | 5,500.06 | 3,122.47 | 2,377.59 | 3,166.86 | R-1C | R-3 |
| 80 MAPLEFIELD RD | 6,230.31 | 2,730.73 | 3,499.58 | 2,982.59 | R-1C | R-3 |
| 81 MAPLEFIELD RD | 6,049.63 | 2,802.63 | 3,247.00 | 3,009.42 | R-1C | R-3 |
| 82 MAPLEFIELD RD | 8,530.29 | 2,917.45 | 5,612.84 | 3,467.63 | R-1C | R-3 |
| 84 MAPLEFIELD RD | 8,551.18 | 2,365.31 | 6,185.87 | 3,056.66 | R-1C | R-3 |
| 85 MAPLEFIELD RD | 8,798.94 | 2,595.89 | 6,203.05 | 3,266.76 | R-1C | R-3 |
| 88 MAPLEFIELD RD | 9,184.86 | 2,793.80 | 6,391.05 | 3,473.08 | R-1C | R-3 |
| 93 MAPLEFIELD RD | 7,699.60 | 2,814.69 | 4,884.91 | 3,265.96 | R-1C | R-3 |
| 95 MAPLEFIELD RD | 5,499.52 | 2,115.88 | 3,383.63 | 2,411.84 | R-1C | R-3 |
| 96 MAPLEFIELD RD | 6,916.68 | 1,480.68 | 5,436.00 | 2,148.01 | R-1C | R-3 |
| 99 MAPLEFIELD RD | 6,000.14 | 1,637.94 | 4,362.21 | 2,128.47 | R-1C | R-3 |
| 14 MAPLEFIELD RD | 7,832.85 | 1,993.77 | 5,839.08 | 2,670.26 | R-1D | RX6 |
| 15 MAPLEFIELD RD | 5,399.47 | 2,762.54 | 2,636.93 | 2,881.83 | R-1D | RX6 |
| 18 MAPLEFIELD RD | 5,000.72 | 1,832.46 | 3,168.26 | 2,124.45 | R-1D | RX6 |
| 19 MAPLEFIELD RD | 4,949.63 | 2,437.99 | 2,511.64 | 2,570.94 | R-1D | RX6 |
| 20 MAPLEFIELD RD | 5,006.05 | 2,386.10 | 2,619.95 | 2,540.48 | R-1D | RX6 |
| 22 MAPLEFIELD RD | 3,903.96 | 1,395.05 | 2,508.92 | 1,631.88 | R-1D | RX6 |
| 23 MAPLEFIELD RD | 4,949.56 | 2,437.77 | 2,511.79 | 2,570.76 | R-1D | RX6 |
| 24 MAPLEFIELD RD | 5,015.29 | 2,296.20 | 2,719.09 | 2,474.45 | R-1D | RX6 |
| 27 MAPLEFIELD RD | 4,949.56 | 2,707.53 | 2,242.03 | 2,773.08 | R-1D | RX6 |
| 28 MAPLEFIELD RD | 5,579.05 | 2,194.36 | 3,384.69 | 2,482.63 | R-1D | RX6 |
| 29 MAPLEFIELD RD | 4,949.58 | 1,590.73 | 3,358.85 | 1,935.49 | R-1D | RX6 |
| 31 MAPLEFIELD RD | 4,949.54 | 2,675.08 | 2,274.46 | 2,748.74 | R-1D | RX6 |
| 32 MAPLEFIELD RD | 5,585.49 | 2,430.83 | 3,154.66 | 2,660.95 | R-1D | RX6 |
| 33 MAPLEFIELD RD | 4,943.23 | 1,968.88 | 2,974.35 | 2,218.15 | R-1D | RX6 |
| 34 MAPLEFIELD RD | 5,424.15 | 2,558.67 | 2,865.48 | 2,732.62 | R-1D | RX6 |
| 35 MAPLEFIELD RD | 4,956.96 | 1,786.66 | 3,170.31 | 2,083.54 | R-1D | RX6 |
| 38 MAPLEFIELD RD | 5,766.42 | 2,195.06 | 3,571.37 | 2,511.26 | R-1D | RX6 |
| 1 MAYWOOD AVE | 4,378.40 | 1,618.17 | 2,760.24 | 1,870.38 | R-1C | R-6 |
| 10 MAYWOOD AVE | 6,474.40 | 1,879.97 | 4,594.43 | 2,381.14 | R-1C | R-6 |
| 11 MAYWOOD AVE | 6,495.01 | 1,784.60 | 4,710.41 | 2,312.70 | R-1C | R-6 |
| 12 MAYWOOD AVE | 6,501.07 | 1,897.76 | 4,603.32 | 2,398.48 | R-1C | R-6 |
| 13 MAYWOOD AVE | 6,522.65 | 2,845.31 | 3,677.34 | 3,112.38 | R-1C | R-6 |
| 14 MAYWOOD AVE | 6,527.80 | 2,568.53 | 3,959.27 | 2,905.57 | R-1C | R-6 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 15 MAYWOOD AVE | 6,550.38 | 1,322.86 | 5,227.52 | 1,974.70 | R-1C | R-6 |
| 16 MAYWOOD AVE | 6,554.52 | 2,657.38 | 3,897.14 | 2,976.21 | R-1C | R-6 |
| 17 MAYWOOD AVE | 6,578.01 | 2,755.95 | 3,822.06 | 3,053.67 | R-1C | R-6 |
| 18 MAYWOOD AVE | 6,581.29 | 3,330.58 | 3,250.70 | 3,485.13 | R-1C | R-6 |
| 19 MAYWOOD AVE | 6,605.69 | 4,268.05 | 2,337.64 | 4,191.89 | R-1C | R-6 |
| 20 MAYWOOD AVE | 6,607.99 | 2,348.18 | 4,259.81 | 2,752.33 | R-1C | R-6 |
| 21 MAYWOOD AVE | 5,328.30 | 1,444.50 | 3,883.81 | 1,882.62 | R-1C | R-6 |
| 22 MAYWOOD AVE | 5,712.04 | 1,487.15 | 4,224.89 | 1,972.17 | R-1C | R-6 |
| 23 MAYWOOD AVE | 5,756.26 | 1,963.12 | 3,793.13 | 2,335.78 | R-1C | R-6 |
| 24 MAYWOOD AVE | 5,367.90 | 2,238.51 | 3,129.39 | 2,484.07 | R-1C | R-6 |
| 25 MAYWOOD AVE | 5,576.45 | 2,905.93 | 2,670.52 | 3,015.91 | R-1C | R-6 |
| 26 MAYWOOD AVE | 5,496.13 | 1,998.22 | 3,497.91 | 2,323.09 | R-1C | R-6 |
| 27 MAYWOOD AVE | 5,578.41 | 2,877.87 | 2,700.54 | 2,995.16 | R-1C | R-6 |
| 28 MAYWOOD AVE | 5,610.25 | 2,648.24 | 2,962.01 | 2,827.72 | R-1C | R-6 |
| 29 MAYWOOD AVE | 5,591.00 | 3,104.33 | 2,486.67 | 3,166.90 | R-1C | R-6 |
| 3 MAYWOOD AVE | 6,384.26 | 2,821.68 | 3,562.58 | 3,073.90 | R-1C | R-6 |
| 30 MAYWOOD AVE | 5,628.70 | 2,223.79 | 3,404.91 | 2,512.15 | R-1C | R-6 |
| 31 MAYWOOD AVE | 5,603.38 | 2,891.76 | 2,711.62 | 3,009.33 | R-1C | R-6 |
| 32 MAYWOOD AVE | 5,647.06 | 2,485.51 | 3,161.55 | 2,711.19 | R-1C | R-6 |
| 33 MAYWOOD AVE | 5,616.00 | 2,388.18 | 3,227.82 | 2,633.53 | R-1C | R-6 |
| 34 MAYWOOD AVE | 5,665.54 | 3,071.83 | 2,593.71 | 3,153.70 | R-1C | R-6 |
| 35 MAYWOOD AVE | 5,628.35 | 2,404.13 | 3,224.22 | 2,647.35 | R-1C | R-6 |
| 36 MAYWOOD AVE | 5,683.97 | 2,485.26 | 3,198.70 | 2,716.54 | $\mathrm{R}-1 \mathrm{C}$ | R-6 |
| 37 MAYWOOD AVE | 5,640.91 | 2,651.08 | 2,989.82 | 2,834.45 | R-1C | R-6 |
| 38 MAYWOOD AVE | 5,702.38 | 2,883.31 | 2,819.07 | 3,017.84 | R-1C | R-6 |
| 39 MAYWOOD AVE | 5,653.48 | 2,922.90 | 2,730.59 | 3,040.20 | R-1C | R-6 |
| 40 MAYWOOD AVE | 5,720.82 | 2,760.32 | 2,960.50 | 2,928.36 | R-1C | R-6 |
| 41 MAYWOOD AVE | 5,665.79 | 2,061.15 | 3,604.65 | 2,395.73 | R-1C | R-6 |
| 42 MAYWOOD AVE | 5,739.18 | 3,253.44 | 2,485.74 | 3,300.96 | R-1C | R-6 |
| 43 MAYWOOD AVE | 5,678.51 | 2,090.30 | 3,588.21 | 2,419.50 | R-1C | R-6 |
| 44 MAYWOOD AVE | 5,757.66 | 976.96 | 4,780.70 | 1,596.37 | R-1C | R-6 |
| 45 MAYWOOD AVE | 5,690.83 | 2,677.27 | 3,013.55 | 2,861.58 | R-1C | R-6 |
| 46 MAYWOOD AVE | 5,776.05 | 2,616.62 | 3,159.43 | 2,828.87 | R-1C | R-6 |
| 47 MAYWOOD AVE | 5,703.31 | 2,501.03 | 3,202.28 | 2,731.27 | R-1C | R-6 |
| 48 MAYWOOD AVE | 5,794.53 | 2,468.87 | 3,325.66 | 2,720.83 | R-1C | R-6 |
| 49 MAYWOOD AVE | 5,715.97 | 2,367.41 | 3,348.55 | 2,632.96 | R-1C | R-6 |
| 5 MAYWOOD AVE | 6,411.97 | 2,491.47 | 3,920.51 | 2,830.40 | R-1C | R-6 |
| 50 MAYWOOD AVE | 5,812.88 | 3,030.16 | 2,782.72 | 3,144.55 | R-1C | R-6 |
| 51 MAYWOOD AVE | 5,728.32 | 2,815.68 | 2,912.64 | 2,971.01 | R-1C | R-6 |
| 52 MAYWOOD AVE | 5,831.29 | 2,411.44 | 3,419.85 | 2,683.27 | R-1C | R-6 |
| 53 MAYWOOD AVE | 5,740.88 | 2,794.86 | 2,946.02 | 2,957.28 | R-1C | R-6 |
| 54 MAYWOOD AVE | 5,849.68 | 2,063.68 | 3,786.00 | 2,425.21 | R-1C | R-6 |
| 55 MAYWOOD AVE | 5,753.31 | 2,867.04 | 2,886.27 | 3,013.27 | R-1C | R-6 |
| 56 MAYWOOD AVE | 5,868.16 | 2,380.46 | 3,487.70 | 2,665.57 | R-1C | R-6 |
| 57 MAYWOOD AVE | 5,765.83 | 2,247.57 | 3,518.26 | 2,550.55 | R-1C | R-6 |
| 58 MAYWOOD AVE | 5,886.59 | 1,857.29 | 4,029.30 | 2,275.96 | R-1C | R-6 |
| 59 MAYWOOD AVE | 5,778.35 | 2,407.59 | 3,370.77 | 2,672.44 | R-1C | R-6 |
| 6 MAYWOOD AVE | 4,044.85 | 1,660.69 | 2,384.16 | 1,852.24 | R-1C | R-6 |
| 60 MAYWOOD AVE | 5,905.01 | 2,454.96 | 3,450.05 | 2,726.97 | R-1C | R-6 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | $\begin{aligned} & \text { NEIGHBOR- } \\ & \text { HOODD } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 61 MAYWOOD AVE | 5,790.83 | 2,810.95 | 2,979.88 | 2,976.83 | R-1C | R-6 |
| 62 MAYWOOD AVE | 5,923.42 | 2,629.77 | 3,293.64 | 2,860.84 | R-1C | R-6 |
| 63 MAYWOOD AVE | 5,803.41 | 3,154.35 | 2,649.06 | 3,236.27 | R-1C | R-6 |
| 64 MAYWOOD AVE | 5,941.88 | 2,970.61 | 2,971.27 | 3,119.24 | R-1C | R-6 |
| 65 MAYWOOD AVE | 5,889.53 | 3,520.08 | 2,369.45 | 3,523.49 | R-1C | R-6 |
| 66 MAYWOOD AVE | 5,960.20 | 2,363.03 | 3,597.18 | 2,666.30 | R-1C | R-6 |
| 67 MAYWOOD AVE | 9,486.77 | 2,910.47 | 6,576.30 | 3,605.87 | R-1C | R-6 |
| 68 MAYWOOD AVE | 5,978.71 | 3,164.34 | 2,814.37 | 3,270.06 | R-1C | R-6 |
| 7 MAYWOOD AVE | 6,439.66 | 2,847.64 | 3,592.02 | 3,101.68 | R-1C | R-6 |
| 70 MAYWOOD AVE | 5,997.09 | 2,932.90 | 3,064.19 | 3,099.24 | R-1C | R-6 |
| 8 MAYWOOD AVE | 6,447.58 | 2,790.93 | 3,656.65 | 3,060.34 | R-1C | R-6 |
| 9 MAYWOOD AVE | 6,467.31 | 2,201.85 | 4,265.46 | 2,621.49 | R-1C | R-6 |
| 1 MILLINGTON RD | 20,730.92 | 2,365.93 | 18,364.99 | 4,884.09 | R-1B | RX5 |
| 10 MILLINGTON RD | 12,786.62 | 3,235.08 | 9,551.54 | 4,344.30 | R-1B | RX5 |
| 11 MILLINGTON RD | 7,500.10 | 2,640.63 | 4,859.47 | 3,105.49 | R-1B | RX5 |
| 12 MILLINGTON RD | 9,593.95 | 3,201.85 | 6,392.10 | 3,840.48 | R-1B | RX5 |
| 15 MILLINGTON RD | 11,250.20 | 3,269.40 | 7,980.80 | 4,139.58 | R-1B | RX5 |
| 16 MILLINGTON RD | 9,845.10 | 3,552.31 | 6,292.79 | 4,140.99 | R-1B | RX5 |
| 18 MILLINGTON RD | 10,263.26 | 2,792.29 | 7,470.97 | 3,633.71 | R-1B | RX5 |
| 19 MILLINGTON RD | 11,250.12 | 3,186.90 | 8,063.22 | 4,077.70 | R-1B | RX5 |
| 20 MILLINGTON RD | 10,473.14 | 2,664.85 | 7,808.29 | 3,569.61 | R-1B | RX5 |
| 21 MILLINGTON RD | 7,500.17 | 2,503.49 | 4,996.68 | 3,002.64 | R-1B | RX5 |
| 22 MILLINGTON RD | 10,763.83 | 2,113.97 | 8,649.86 | 3,200.05 | R-1B | RX5 |
| 23 MILLINGTON RD | 7,500.11 | 3,785.77 | 3,714.35 | 3,964.34 | R-1B | RX5 |
| 25 MILLINGTON RD | 8,750.29 | 2,345.21 | 6,405.08 | 3,071.45 | R-1B | RX5 |
| 27 MILLINGTON RD | 8,784.00 | 2,639.99 | 6,144.01 | 3,297.59 | R-1B | RX5 |
| 4 MILLINGTON RD | 7,712.48 | 2,443.45 | 5,269.04 | 2,989.46 | R-1B | RX5 |
| 5 MILLINGTON RD | 15,000.17 | 4,067.01 | 10,933.16 | 5,300.28 | R-1B | RX5 |
| 6 MILLINGTON RD | 9,823.63 | 3,173.06 | 6,650.56 | 3,853.34 | R-1B | RX5 |
| 8 MILLINGTON RD | 9,581.09 | 2,980.92 | 6,600.18 | 3,672.85 | R-1B | RX5 |
| 9 MILLINGTON RD | 7,500.08 | 4,193.41 | 3,306.66 | 4,270.07 | R-1B | RX5 |
| 1 NORWICH RD | 8,749.73 | 4,819.13 | 3,930.60 | 4,926.81 | R-1C | R-9 |
| 10 NORWICH RD | 7,747.05 | 3,710.52 | 4,036.53 | 3,944.95 | R-1C | R-9 |
| 11 NORWICH RD | 8,750.06 | 3,395.99 | 5,354.07 | 3,859.50 | R-1C | R-9 |
| 12 NORWICH RD | 7,752.76 | 3,433.42 | 4,319.33 | 3,737.98 | R-1C | R-9 |
| 13 NORWICH RD | 8,750.06 | 2,964.19 | 5,785.87 | 3,535.65 | R-1C | R-9 |
| 14 NORWICH RD | 7,752.77 | 3,422.17 | 4,330.60 | 3,729.54 | R-1C | R-9 |
| 16 NORWICH RD | 7,755.91 | 2,941.98 | 4,813.92 | 3,369.87 | R-1C | R-9 |
| 18 NORWICH RD | 8,531.69 | 3,625.83 | 4,905.85 | 3,999.13 | R-1C | R-9 |
| 19 NORWICH RD | 21,175.12 | 4,883.43 | 16,291.69 | 6,838.84 | R-1D | R-9 |
| 20 NORWICH RD | 8,538.01 | 3,655.15 | 4,882.86 | 4,022.07 | R-1C | R-9 |
| 21 NORWICH RD | 10,324.99 | 4,982.00 | 5,342.99 | 5,285.25 | R-1D | R-9 |
| 24 NORWICH RD | 9,318.33 | 3,254.84 | 6,063.49 | 3,838.88 | R-1C | R-9 |
| 25 NORWICH RD | 13,999.97 | 4,474.60 | 9,525.38 | 5,455.94 | R-1D | R-9 |
| 28 NORWICH RD | 9,324.10 | 2,991.01 | 6,333.09 | 3,641.87 | R-1C | R-9 |
| 29 NORWICH RD | 10,500.04 | 3,264.99 | 7,235.05 | 4,023.75 | R-1D | R-9 |
| 3 NORWICH RD | 8,749.99 | 4,359.11 | 4,390.89 | 4,581.83 | R-1C | R-9 |
| 30 NORWICH RD | 6,220.10 | 2,576.38 | 3,643.72 | 2,865.30 | R-1C | R-9 |
| 31 NORWICH RD | 7,000.00 | 3,405.76 | 3,594.24 | 3,604.32 | R-1D | R-9 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 32 NORWICH RD | 6,220.30 | 1,357.96 | 4,862.34 | 1,951.52 | R-1C | R-9 |
| 33 NORWICH RD | 6,999.98 | 3,517.22 | 3,482.76 | 3,687.91 | R-1D | R-9 |
| 34 NORWICH RD | 6,222.27 | 5,700.94 | 521.34 | 5,209.04 | R-1C | R-9 |
| 35 NORWICH RD | 8,486.45 | 2,825.52 | 5,660.94 | 3,392.10 | R-1C | R-9 |
| 4 NORWICH RD | 8,735.54 | 4,516.86 | 4,218.67 | 4,697.98 | R-1C | R-9 |
| 5 NORWICH RD | 8,750.02 | 3,242.76 | 5,507.25 | 3,744.58 | R-1C | R-9 |
| 6 NORWICH RD | 17,479.26 | 4,410.16 | 13,069.10 | 5,929.51 | R-1C | R-9 |
| 7 NORWICH RD | 8,749.93 | 3,748.97 | 5,000.96 | 4,124.22 | R-1C | R-9 |
| 8 NORWICH RD | 7,754.09 | 3,728.96 | 4,025.13 | 3,959.83 | R-1C | R-9 |
| 9 NORWICH RD | 8,749.94 | 4,303.73 | 4,446.21 | 4,540.29 | R-1C | R-9 |
| 14 OAKDALE BLVD | 12,078.86 | 3,349.41 | 8,729.45 | 4,323.89 | R-1C | RX4 |
| 15 OAKDALE BLVD | 9,037.20 | 4,323.05 | 4,714.16 | 4,597.87 | R-1C | RX4 |
| 16 OAKDALE BLVD | 12,063.93 | 2,208.21 | 9,855.72 | 3,465.75 | R-1C | RX4 |
| 17 OAKDALE BLVD | 8,637.43 | 5,442.23 | 3,195.20 | 5,377.28 | R-1C | RX4 |
| 18 OAKDALE BLVD | 12,046.96 | 2,781.49 | 9,265.47 | 3,893.16 | R-1C | RX4 |
| 19 OAKDALE BLVD | 8,644.77 | 2,448.97 | 6,195.80 | 3,133.44 | R-1C | RX4 |
| 20 OAKDALE BLVD | 12,030.23 | 3,152.05 | 8,878.17 | 4,168.57 | R-1C | RX4 |
| 21 OAKDALE BLVD | 8,659.08 | 1,233.62 | 7,425.46 | 2,224.08 | R-1C | RX4 |
| 22 OAKDALE BLVD | 12,012.83 | 2,922.74 | 9,090.09 | 3,993.98 | R-1C | RX4 |
| 23 OAKDALE BLVD | 8,666.34 | 4,759.36 | 3,906.98 | 4,869.47 | R-1C | RX4 |
| 24 OAKDALE BLVD | 11,995.94 | 3,654.35 | 8,341.59 | 4,540.16 | R-1C | RX4 |
| 25 OAKDALE BLVD | 8,673.54 | 4,041.53 | 4,632.00 | 4,332.18 | R-1C | RX4 |
| 26 OAKDALE BLVD | 11,979.20 | 3,712.21 | 8,266.99 | 4,581.04 | R-1C | RX4 |
| 27 OAKDALE BLVD | 8,680.85 | 3,297.77 | 5,383.08 | 3,775.46 | R-1C | RX4 |
| 29 OAKDALE BLVD | 7,438.08 | 2,926.04 | 4,512.04 | 3,310.25 | R-1C | R-9 |
| 30 OAKDALE BLVD | 23,907.03 | 4,218.22 | 19,688.81 | 6,749.72 | R-1C | RX4 |
| 31 OAKDALE BLVD | 12,512.47 | 3,292.08 | 9,220.39 | 4,345.93 | R-1C | R-9 |
| 32 OAKDALE BLVD | 11,474.61 | 2,505.24 | 8,969.37 | 3,600.12 | R-1C | RX4 |
| 36 OAKDALE BLVD | 12,272.23 | 2,534.80 | 9,737.43 | 3,741.93 | R-1C | R-9 |
| 37 OAKDALE BLVD | 11,186.46 | 3,831.89 | 7,354.58 | 4,551.88 | R-1C | R-9 |
| 38 OAKDALE BLVD | 12,259.17 | 3,042.07 | 9,217.11 | 4,120.43 | R-1C | R-9 |
| 39 OAKDALE BLVD | 7,616.63 | 3,862.86 | 3,753.77 | 4,039.64 | R-1C | R-9 |
| 40 OAKDALE BLVD | 12,246.10 | 3,138.41 | 9,107.69 | 4,190.72 | R-1C | R-9 |
| 41 OAKDALE BLVD | 12,480.03 | 4,208.84 | 8,271.19 | 5,028.63 | R-1C | R-9 |
| 42 OAKDALE BLVD | 12,233.05 | 2,940.51 | 9,292.55 | 4,040.34 | R-1C | R-9 |
| 43 OAKDALE BLVD | 7,488.62 | 3,884.48 | 3,604.14 | 4,036.65 | R-1C | R-9 |
| 44 OAKDALE BLVD | 12,219.98 | 3,062.82 | 9,157.17 | 4,130.11 | R-1C | R-9 |
| 45 OAKDALE BLVD | 7,496.09 | 3,170.46 | 4,325.64 | 3,502.26 | R-1C | R-9 |
| 46 OAKDALE BLVD | 12,206.87 | 3,065.21 | 9,141.66 | 4,129.94 | R-1C | R-9 |
| 47 OAKDALE BLVD | 7,354.96 | 3,191.34 | 4,163.62 | 3,496.75 | R-1C | R-9 |
| 48 OAKDALE BLVD | 12,193.46 | 3,904.56 | 8,288.91 | 4,757.44 | R-1C | R-9 |
| 50 OAKDALE BLVD | 12,180.75 | 4,816.06 | 7,364.69 | 5,439.15 | R-1C | R-9 |
| 51 OAKDALE BLVD | 7,655.00 | 1,682.57 | 5,972.44 | 2,410.17 | R-1C | R-9 |
| 52 OAKDALE BLVD | 12,167.14 | 3,719.16 | 8,447.99 | 4,614.44 | R-1C | R-9 |
| 53 OAKDALE BLVD | 7,506.57 | 3,305.12 | 4,201.45 | 3,604.83 | R-1C | R-9 |
| 54 OAKDALE BLVD | 12,154.38 | 4,126.46 | 8,027.93 | 4,918.00 | R-1C | R-9 |
| 55 OAKDALE BLVD | 12,515.94 | 3,238.91 | 9,277.03 | 4,306.58 | R-1C | R-9 |
| 56 OAKDALE BLVD | 12,141.32 | 4,059.81 | 8,081.50 | 4,866.06 | R-1C | R-9 |
| 57 OAKDALE BLVD | 12,515.73 | 4,917.39 | 7,598.34 | 5,565.40 | R-1C | R-9 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 58 OAKDALE BLVD | 12,128.19 | 3,478.57 | 8,649.62 | 4,428.16 | R-1C | R-9 |
| 59 OAKDALE BLVD | 12,511.87 | 4,318.62 | 8,193.25 | 5,115.75 | R-1C | R-9 |
| 60 OAKDALE BLVD | 12,115.20 | 3,137.31 | 8,977.89 | 4,170.26 | R-1C | R-9 |
| 61 OAKDALE BLVD | 12,508.76 | 3,086.74 | 9,422.02 | 4,191.37 | R-1C | R-9 |
| 62 OAKDALE BLVD | 12,101.86 | 3,601.43 | 8,500.43 | 4,516.35 | R-1C | R-9 |
| 64 OAKDALE BLVD | 12,088.70 | 3,759.02 | 8,329.68 | 4,632.57 | R-1C | R-9 |
| 65 OAKDALE BLVD | 8,256.51 | 3,455.44 | 4,801.07 | 3,830.06 | R-1C | R-9 |
| 66 OAKDALE BLVD | 12,075.73 | 3,611.69 | 8,464.04 | 4,520.13 | R-1C | R-9 |
| 67 OAKDALE BLVD | 8,256.73 | 3,746.40 | 4,510.33 | 4,048.31 | R-1C | R-9 |
| 68 OAKDALE BLVD | 12,062.70 | 3,603.34 | 8,459.36 | 4,511.91 | R-1C | R-9 |
| 69 OAKDALE BLVD | 12,494.54 | 3,415.61 | 9,078.93 | 4,435.89 | R-1C | R-9 |
| 70 OAKDALE BLVD | 12,049.28 | 4,217.91 | 7,831.37 | 4,970.83 | R-1C | R-9 |
| 71 OAKDALE BLVD | 12,491.22 | 3,921.42 | 8,569.80 | 4,814.75 | R-1C | R-9 |
| 72 OAKDALE BLVD | 12,036.35 | 3,720.76 | 8,315.59 | 4,596.02 | R-1C | R-9 |
| 73 OAKDALE BLVD | 8,756.59 | 3,715.38 | 5,041.21 | 4,100.03 | R-1C | R-9 |
| 74 OAKDALE BLVD | 12,023.25 | 3,655.97 | 8,367.28 | 4,545.46 | R-1C | R-9 |
| 75 OAKDALE BLVD | 8,756.63 | 3,689.91 | 5,066.72 | 4,080.93 | R-1C | R-9 |
| 76 OAKDALE BLVD | 12,010.23 | 3,035.35 | 8,974.89 | 4,078.04 | R-1C | R-9 |
| 77 OAKDALE BLVD | 8,756.36 | 3,207.88 | 5,548.48 | 3,719.36 | R-1C | R-9 |
| 78 OAKDALE BLVD | 11,997.07 | 5,430.83 | 6,566.24 | 5,872.68 | R-1C | R-9 |
| 80 OAKDALE BLVD | 11,983.56 | 3,455.11 | 8,528.45 | 4,388.86 | R-1C | R-9 |
| 81 OAKDALE BLVD | 8,745.13 | 2,554.91 | 6,190.22 | 3,227.95 | R-1C | R-9 |
| 82 OAKDALE BLVD | 11,970.84 | 3,125.34 | 8,845.50 | 4,139.63 | R-1C | R-9 |
| 83 OAKDALE BLVD | 8,756.77 | 3,414.66 | 5,342.11 | 3,874.51 | R-1C | R-9 |
| 84 OAKDALE BLVD | 11,957.74 | 3,454.72 | 8,503.01 | 4,384.70 | R-1C | R-9 |
| 85 OAKDALE BLVD | 12,404.38 | 4,957.01 | 7,447.37 | 5,578.41 | R-1C | R-9 |
| 86 OAKDALE BLVD | 11,944.63 | 3,861.81 | 8,082.82 | 4,688.05 | R-1C | R-9 |
| 87 OAKDALE BLVD | 12,381.83 | 2,834.80 | 9,547.02 | 3,983.38 | R-1C | R-9 |
| 88 OAKDALE BLVD | 11,931.40 | 2,622.68 | 9,308.72 | 3,756.72 | R-1C | R-9 |
| 89 OAKDALE BLVD | 12,358.12 | 3,396.08 | 8,962.04 | 4,400.78 | R-1C | R-9 |
| 90 OAKDALE BLVD | 11,918.18 | 3,470.48 | 8,447.70 | 4,390.59 | R-1C | R-9 |
| 91 OAKDALE BLVD | 8,756.66 | 3,787.93 | 4,968.73 | 4,154.44 | R-1C | R-9 |
| 92 OAKDALE BLVD | 8,317.94 | 3,049.23 | 5,268.71 | 3,534.62 | R-1C | R-9 |
| 93 OAKDALE BLVD | 11,699.70 | 3,431.70 | 8,268.00 | 4,328.73 | R-1C | R-9 |
| 10 OAKLAND PARK BLVD | 20,170.10 | 2,935.11 | 17,234.98 | 5,226.85 | R-1A | RF4 |
| 11 OAKLAND PARK BLVD | 18,523.10 | 4,031.00 | 14,492.10 | 5,801.71 | R-1A | RF4 |
| 12 OAKLAND PARK BLVD | 20,093.90 | 7,526.80 | 12,567.10 | 8,659.19 | R-1A | RF4 |
| 13 OAKLAND PARK BLVD | 20,044.95 | 5,904.34 | 14,140.62 | 7,435.00 | R-1A | RF4 |
| 14 OAKLAND PARK BLVD | 20,147.66 | 6,491.14 | 13,656.52 | 7,890.50 | R-1A | RF4 |
| 15 OAKLAND PARK BLVD | 20,027.16 | 4,238.62 | 15,788.54 | 6,183.04 | R-1A | RF4 |
| 16 OAKLAND PARK BLVD | 19,999.91 | 4,884.85 | 15,115.06 | 6,663.63 | R-1A | RF4 |
| 17 OAKLAND PARK BLVD | 20,008.99 | 5,307.57 | 14,701.42 | 6,982.03 | R-1A | RF4 |
| 18 OAKLAND PARK BLVD | 20,000.11 | 6,047.95 | 13,952.16 | 7,535.98 | R-1A | RF4 |
| 19 OAKLAND PARK BLVD | 20,000.06 | 7,295.58 | 12,704.47 | 8,471.70 | R-1A | RF4 |
| 20 OAKLAND PARK BLVD | 20,000.01 | 4,252.79 | 15,747.22 | 6,189.59 | R-1A | RF4 |
| 21 OAKLAND PARK BLVD | 19,999.99 | 6,999.85 | 13,000.14 | 8,249.89 | R-1A | RF4 |
| 22 OAKLAND PARK BLVD | 19,999.97 | 5,696.60 | 14,303.37 | 7,272.45 | R-1A | RF4 |
| 23 OAKLAND PARK BLVD | 20,000.03 | 4,480.42 | 15,519.60 | 6,360.32 | R-1A | RF4 |
| 24 OAKLAND PARK BLVD | 19,999.95 | 4,946.18 | 15,053.77 | 6,709.63 | R-1A | RF4 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 25 OAKLAND PARK BLVD | 19,999.97 | 6,110.89 | 13,889.08 | 7,583.16 | R-1A | RF4 |
| 26 OAKLAND PARK BLVD | 19,999.98 | 6,890.38 | 13,109.60 | 8,167.78 | R-1A | RF4 |
| 27 OAKLAND PARK BLVD | 19,999.96 | 4,192.55 | 15,807.41 | 6,144.41 | R-1A | RF4 |
| 28 OAKLAND PARK BLVD | 20,000.07 | 3,845.39 | 16,154.68 | 5,884.05 | R-1A | RF4 |
| 29 OAKLAND PARK BLVD | 20,000.03 | 6,676.80 | 13,323.22 | 8,007.61 | R-1A | RF4 |
| 30 OAKLAND PARK BLVD | 19,999.96 | 5,710.39 | 14,289.57 | 7,282.79 | R-1A | RF4 |
| 31 OAKLAND PARK BLVD | 19,999.96 | 5,958.44 | 14,041.52 | 7,468.82 | R-1A | RF4 |
| 32 OAKLAND PARK BLVD | 20,000.22 | 6,549.96 | 13,450.26 | 7,912.50 | R-1A | RF4 |
| 33 OAKLAND PARK BLVD | 20,000.02 | 3,457.69 | 16,542.33 | 5,593.27 | R-1A | RF4 |
| 34 OAKLAND PARK BLVD | 19,999.77 | 4,693.88 | 15,305.89 | 6,520.38 | R-1A | RF4 |
| 35 OAKLAND PARK BLVD | 19,999.73 | 3,882.77 | 16,116.96 | 5,912.04 | R-1A | RF4 |
| 36 OAKLAND PARK BLVD | 19,999.75 | 5,907.18 | 14,092.57 | 7,430.35 | R-1A | RF4 |
| 5 OAKLAND PARK BLVD | 20,206.97 | 5,538.45 | 14,668.53 | 7,184.88 | R-1A | RF4 |
| 7 OAKLAND PARK BLVD | 20,014.62 | 3,228.73 | 16,785.88 | 5,423.74 | R-1A | RF4 |
| 9 OAKLAND PARK BLVD | 20,125.38 | 5,258.08 | 14,867.30 | 6,962.36 | R-1A | RF4 |
| 1 OXFORD BLVD | 13,527.25 | 3,267.49 | 10,259.76 | 4,479.71 | R-1C | R-8 |
| 11 OXFORD BLVD | 9,749.84 | 4,390.93 | 5,358.91 | 4,755.67 | R-1C | R-8 |
| 12 OXFORD BLVD | 13,499.76 | 4,022.23 | 9,477.53 | 5,041.64 | R-1C | R-8 |
| 13 OXFORD BLVD | 9,750.00 | 2,533.94 | 7,216.05 | 3,362.96 | R-1C | R-8 |
| 14 OXFORD BLVD | 8,999.94 | 3,717.32 | 5,282.62 | 4,137.98 | R-1C | R-8 |
| 15 OXFORD BLVD | 26,175.96 | 5,439.38 | 20,736.58 | 8,005.93 | R-1C | R-8 |
| 16 OXFORD BLVD | 8,999.81 | 5,741.35 | 3,258.46 | 5,655.99 | R-1C | R-8 |
| 18 OXFORD BLVD | 8,227.28 | 2,641.36 | 5,585.92 | 3,215.11 | R-1C | R-8 |
| 2 OXFORD BLVD | 8,810.86 | 3,374.56 | 5,436.30 | 3,852.55 | R-1C | R-8 |
| 20 OXFORD BLVD | 9,155.19 | 4,761.17 | 4,394.02 | 4,944.16 | R-1C | R-8 |
| 21 OXFORD BLVD | 9,149.79 | 3,380.67 | 5,769.11 | 3,907.97 | R-1C | R-8 |
| 22 OXFORD BLVD | 9,128.92 | 3,355.80 | 5,773.12 | 3,886.19 | R-1C | R-8 |
| 23 OXFORD BLVD | 9,150.04 | 3,158.99 | 5,991.05 | 3,741.75 | R-1C | R-8 |
| 24 OXFORD BLVD | 9,150.06 | 4,210.18 | 4,939.88 | 4,530.14 | R-1C | R-8 |
| 25 OXFORD BLVD | 10,049.98 | 3,737.22 | 6,312.76 | 4,310.41 | R-1C | R-8 |
| 26 OXFORD BLVD | 9,149.88 | 3,538.00 | 5,611.88 | 4,025.98 | R-1C | R-8 |
| 27 OXFORD BLVD | 8,250.04 | 5,578.24 | 2,671.80 | 5,421.19 | R-1C | R-8 |
| 28 OXFORD BLVD | 9,150.14 | 3,803.98 | 5,346.16 | 4,225.51 | R-1C | R-8 |
| 3 OXFORD BLVD | 11,515.84 | 3,756.93 | 7,758.91 | 4,545.07 | R-1C | R-8 |
| 30 OXFORD BLVD | 9,150.08 | 5,238.48 | 3,911.60 | 5,301.37 | R-1C | R-8 |
| 31 OXFORD BLVD | 13,724.83 | 3,481.85 | 10,242.98 | 4,670.12 | R-1C | R-8 |
| 32 OXFORD BLVD | 9,149.84 | 5,375.98 | 3,773.87 | 5,404.46 | R-1C | R-8 |
| 33 OXFORD BLVD | 18,300.02 | 3,847.92 | 14,452.10 | 5,630.94 | R-1C | R-8 |
| 34 OXFORD BLVD | 9,150.15 | 3,092.74 | 6,057.41 | 3,692.07 | R-1C | R-8 |
| 36 OXFORD BLVD | 9,149.71 | 3,968.40 | 5,181.31 | 4,348.75 | R-1C | R-8 |
| 37 OXFORD BLVD | 9,149.97 | 3,349.55 | 5,800.42 | 3,884.66 | R-1C | R-8 |
| 38 OXFORD BLVD | 9,150.32 | 3,087.83 | 6,062.49 | 3,688.42 | R-1C | R-8 |
| 39 OXFORD BLVD | 9,149.99 | 3,520.45 | 5,629.54 | 4,012.84 | R-1C | R-8 |
| 4 OXFORD BLVD | 8,809.68 | 5,211.34 | 3,598.35 | 5,229.96 | R-1C | R-8 |
| 40 OXFORD BLVD | 9,150.01 | 4,419.87 | 4,730.14 | 4,687.41 | R-1C | R-8 |
| 41 OXFORD BLVD | 9,149.90 | 3,321.67 | 5,828.22 | 3,863.74 | R-1C | R-8 |
| 42 OXFORD BLVD | 9,150.05 | 3,367.55 | 5,782.50 | 3,898.17 | R-1C | R-8 |
| 43 OXFORD BLVD | 13,725.05 | 4,494.92 | 9,230.12 | 5,429.95 | R-1C | R-8 |
| 44 OXFORD BLVD | 9,150.09 | 3,497.02 | 5,653.07 | 3,995.28 | R-1C | R-8 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 46 OXFORD BLVD | 9,150.00 | 3,739.38 | 5,410.61 | 4,177.04 | R-1C | R-8 |
| 47 OXFORD BLVD | 13,724.98 | 1,746.86 | 11,978.12 | 3,368.89 | R-1C | R-8 |
| 48 OXFORD BLVD | 13,725.06 | 3,446.21 | 10,278.85 | 4,643.41 | R-1A | R-8 |
| 49 OXFORD BLVD | 8,606.60 | 3,440.37 | 5,166.23 | 3,871.27 | R-1C | R-8 |
| 5 OXFORD BLVD | 9,749.86 | 2,427.39 | 7,322.47 | 3,283.02 | R-1C | R-8 |
| 52 OXFORD BLVD | 13,724.67 | 4,349.37 | 9,375.30 | 5,320.73 | R-1A | R-8 |
| 6 OXFORD BLVD | 8,792.13 | 1,695.34 | 7,096.78 | 2,590.33 | R-1C | R-8 |
| 7 OXFORD BLVD | 9,749.72 | 3,645.19 | 6,104.54 | 4,196.35 | R-1C | R-8 |
| 8 OXFORD BLVD | 13,499.86 | 5,096.05 | 8,403.80 | 5,847.02 | R-1C | R-8 |
| 9 OXFORD BLVD | 9,750.09 | 5,309.00 | 4,441.08 | 5,444.27 | R-1C | R-8 |
| 10 POPLAR PARK BLVD | 16,779.62 | 3,952.78 | 12,826.84 | 5,481.53 | R-1A | RF4 |
| 11 POPLAR PARK BLVD | 39,997.41 | 7,850.56 | 32,146.84 | 11,887.53 | R-1A | RF4 |
| 12 POPLAR PARK BLVD | 11,195.98 | 3,594.82 | 7,601.17 | 4,375.51 | R-1A | RF4 |
| 13 POPLAR PARK BLVD | 19,999.88 | 11,344.61 | 8,655.27 | 11,508.44 | R-1A | RF4 |
| 14 POPLAR PARK BLVD | 15,999.82 | 4,330.77 | 11,669.04 | 5,648.05 | R-1A | RF4 |
| 15 POPLAR PARK BLVD | 20,000.04 | 5,013.72 | 14,986.32 | 6,760.29 | R-1A | RF4 |
| 16 POPLAR PARK BLVD | 15,999.84 | 2,042.87 | 13,956.97 | 3,932.13 | R-1A | RF4 |
| 17 POPLAR PARK BLVD | 20,000.06 | 4,129.59 | 15,870.47 | 6,097.20 | R-1A | RF4 |
| 18 POPLAR PARK BLVD | 15,999.90 | 7,288.64 | 8,711.25 | 7,866.47 | R-1A | RF4 |
| 19 POPLAR PARK BLVD | 20,000.00 | 6,682.97 | 13,317.03 | 8,012.23 | R-1A | RF4 |
| 20 POPLAR PARK BLVD | 15,999.73 | 4,601.19 | 11,398.54 | 5,850.86 | R-1A | RF4 |
| 21 POPLAR PARK BLVD | 20,000.24 | 3,755.03 | 16,245.21 | 5,816.31 | R-1A | RF4 |
| 22 POPLAR PARK BLVD | 15,999.88 | 4,690.15 | 11,309.73 | 5,917.60 | R-1A | RF4 |
| 23 POPLAR PARK BLVD | 19,999.73 | 5,898.69 | 14,101.04 | 7,423.98 | R-1A | RF4 |
| 24 POPLAR PARK BLVD | 15,999.86 | 5,304.91 | 10,694.96 | 6,378.66 | R-1A | RF4 |
| 25 POPLAR PARK BLVD | 19,999.74 | 5,679.75 | 14,320.00 | 7,259.77 | R-1A | RF4 |
| 3 POPLAR PARK BLVD | 20,280.85 | 5,959.82 | 14,321.03 | 7,511.99 | R-1A | RF4 |
| 5 POPLAR PARK BLVD | 20,030.63 | 5,898.36 | 14,132.27 | 7,428.36 | R-1A | RF4 |
| 6 POPLAR PARK BLVD | 16,762.60 | 4,088.15 | 12,674.45 | 5,580.51 | R-1A | RF4 |
| 7 POPLAR PARK BLVD | 19,999.36 | 5,560.20 | 14,439.16 | 7,170.06 | R-1A | RF4 |
| 14 RIDGE RD | 19,210.00 | 11,583.25 | 7,626.76 | 11,568.94 | R-1A | RF3 |
| 16 RIDGE RD | 26,013.86 | 9,378.70 | 16,635.15 | 10,936.11 | R-1A | RF3 |
| 18 RIDGE RD | 26,009.52 | 3,764.40 | 22,245.12 | 6,724.73 | R-1A | RF3 |
| 20 RIDGE RD | 27,539.51 | 5,637.88 | 21,901.63 | 8,359.34 | R-1A | RF3 |
| 22 RIDGE RD | 27,498.36 | 7,116.74 | 20,381.61 | 9,462.31 | R-1A | RF3 |
| 24 RIDGE RD | 33,681.11 | 7,316.87 | 26,364.24 | 10,539.82 | R-1A | RF3 |
| 26 RIDGE RD | 17,294.26 | 6,955.19 | 10,339.07 | 7,810.53 | R-1A | RF3 |
| 28 RIDGE RD | 16,833.72 | 6,119.26 | 10,714.46 | 7,114.50 | R-1A | RF3 |
| 30 RIDGE RD | 31,565.03 | 7,000.13 | 24,564.90 | 9,984.85 | R-1A | RF3 |
| 32 RIDGE RD | 26,826.56 | 4,159.96 | 22,666.59 | 7,143.95 | R-1A | RF3 |
| 36 RIDGE RD | 48,380.69 | 5,947.79 | 42,432.90 | 11,717.95 | R-1A | RF3 |
| 38 RIDGE RD | 26,795.34 | 11,160.77 | 15,634.57 | 12,389.88 | R-1A | RF3 |
| 40 RIDGE RD | 31,499.47 | 4,754.60 | 26,744.88 | 8,290.87 | R-1A | RF3 |
| 42 RIDGE RD | 11,821.11 | 3,997.72 | 7,823.39 | 4,771.46 | R-1A | RF3 |
| 44 RIDGE RD | 22,100.57 | 5,513.72 | 16,586.85 | 7,450.38 | R-1A | RF3 |
| 46 RIDGE RD | 22,334.44 | 8,890.02 | 13,444.43 | 10,017.68 | R-1A | RF3 |
| 48 RIDGE RD | 17,105.22 | 3,729.12 | 13,376.10 | 5,362.62 | R-1A | RF3 |
| 50 RIDGE RD | 16,074.81 | 5,651.10 | 10,423.71 | 6,649.55 | R-1A | RF3 |
| 54 RIDGE RD | 16,074.88 | 3,636.10 | 12,438.79 | 5,138.31 | R-1A | RF3 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 56 RIDGE RD | 17,203.20 | 4,380.03 | 12,823.17 | 5,865.50 | R-1A | RF3 |
| 9 RIDGE RD | 9,479.53 | 3,117.24 | 6,362.29 | 3,759.86 | R-1B | RX5 |
| 41 RIDGE RD | 12,001.76 | 4,567.76 | 7,434.00 | 5,226.09 | R-1A | R-8 |
| 43 RIDGE RD | 12,005.36 | 3,204.12 | 8,801.24 | 4,203.89 | R-1A | R-8 |
| 45 RIDGE RD | 18,013.79 | 3,447.19 | 14,566.60 | 5,287.46 | R-1A | R-8 |
| 1 SYLVAN AVE | 3,664.57 | 1,580.57 | 2,084.00 | 1,735.11 | R-1C | R-6 |
| 10 SYLVAN AVE | 6,518.76 | 2,877.38 | 3,641.38 | 3,135.85 | R-1C | R-6 |
| 11 SYLVAN AVE | 6,512.67 | 2,523.26 | 3,989.41 | 2,869.35 | R-1C | R-6 |
| 12 SYLVAN AVE | 6,545.32 | 2,980.11 | 3,565.20 | 3,216.88 | R-1C | R-6 |
| 13 SYLVAN AVE | 5,995.33 | 2,619.00 | 3,376.33 | 2,863.55 | R-1C | R-6 |
| 14 SYLVAN AVE | 6,571.88 | 2,142.55 | 4,429.33 | 2,592.70 | R-1C | R-6 |
| 15 SYLVAN AVE | 7,116.70 | 2,662.00 | 4,454.70 | 3,064.00 | R-1C | R-6 |
| 16 SYLVAN AVE | 6,598.44 | 2,517.77 | 4,080.67 | 2,878.09 | R-1C | R-6 |
| 17 SYLVAN AVE | 6,318.94 | 1,319.11 | 4,999.83 | 1,937.17 | R-1C | R-6 |
| 18 SYLVAN AVE | 6,907.11 | 1,950.96 | 4,956.15 | 2,499.28 | R-1C | R-6 |
| 19 SYLVAN AVE | 5,835.92 | 2,159.19 | 3,676.73 | 2,494.78 | R-1C | R-6 |
| 20 SYLVAN AVE | 5,277.70 | 1,911.23 | 3,366.47 | 2,225.08 | R-1C | R-6 |
| 21 SYLVAN AVE | 5,572.39 | 2,391.50 | 3,180.89 | 2,629.48 | R-1C | R-6 |
| 22 SYLVAN AVE | 5,485.54 | 2,829.07 | 2,656.47 | 2,944.64 | R-1C | R-6 |
| 23 SYLVAN AVE | 5,589.02 | 2,822.52 | 2,766.50 | 2,955.24 | R-1C | R-6 |
| 24 SYLVAN AVE | 5,594.99 | 2,428.83 | 3,166.16 | 2,660.87 | R-1C | R-6 |
| 25 SYLVAN AVE | 5,605.44 | 2,514.78 | 3,090.66 | 2,726.90 | R-1C | R-6 |
| 26 SYLVAN AVE | 5,614.02 | 2,446.54 | 3,167.49 | 2,677.01 | $\mathrm{R}-1 \mathrm{C}$ | R-6 |
| 27 SYLVAN AVE | 5,622.09 | 2,918.76 | 2,703.33 | 3,032.39 | R-1C | R-6 |
| 28 SYLVAN AVE | 5,632.97 | 1,756.02 | 3,876.95 | 2,161.96 | R-1C | R-6 |
| 29 SYLVAN AVE | 5,638.50 | 2,839.07 | 2,799.43 | 2,975.08 | R-1C | R-6 |
| 3 SYLVAN AVE | 6,396.91 | 2,428.73 | 3,968.18 | 2,781.08 | R-1C | R-6 |
| 30 SYLVAN AVE | 5,652.06 | 2,803.16 | 2,848.90 | 2,950.18 | R-1C | R-6 |
| 31 SYLVAN AVE | 5,655.18 | 2,658.54 | 2,996.65 | 2,842.18 | R-1C | R-6 |
| 32 SYLVAN AVE | 5,670.99 | 2,382.22 | 3,288.77 | 2,637.31 | R-1C | R-6 |
| 33 SYLVAN AVE | 5,671.51 | 3,192.93 | 2,478.58 | 3,245.43 | $\mathrm{R}-1 \mathrm{C}$ | R-6 |
| 34 SYLVAN AVE | 5,690.09 | 2,735.59 | 2,954.50 | 2,905.20 | R-1C | R-6 |
| 35 SYLVAN AVE | 5,688.27 | 2,898.93 | 2,789.34 | 3,027.44 | R-1C | R-6 |
| 36 SYLVAN AVE | 5,708.97 | 3,205.08 | 2,503.89 | 3,260.15 | R-1C | R-6 |
| 37 SYLVAN AVE | 5,704.54 | 3,088.04 | 2,616.50 | 3,171.71 | R-1C | R-6 |
| 38 SYLVAN AVE | 5,728.09 | 3,220.64 | 2,507.46 | 3,274.69 | R-1C | R-6 |
| 39 SYLVAN AVE | 5,721.14 | 2,857.26 | 2,863.88 | 3,001.11 | R-1C | R-6 |
| 40 SYLVAN AVE | 5,747.04 | 2,337.10 | 3,409.95 | 2,614.88 | R-1C | R-6 |
| 41 SYLVAN AVE | 5,737.83 | 2,481.18 | 3,256.65 | 2,721.56 | R-1C | R-6 |
| 42 SYLVAN AVE | 5,766.12 | 2,681.61 | 3,084.50 | 2,876.13 | R-1C | R-6 |
| 43 SYLVAN AVE | 5,754.18 | 1,743.86 | 4,010.32 | 2,171.03 | R-1C | R-6 |
| 44 SYLVAN AVE | 5,785.06 | 2,848.77 | 2,936.29 | 3,004.34 | R-1C | R-6 |
| 45 SYLVAN AVE | 5,770.84 | 1,722.69 | 4,048.16 | 2,157.64 | R-1C | R-6 |
| 46 SYLVAN AVE | 5,804.10 | 1,924.25 | 3,879.86 | 2,313.80 | R-1C | R-6 |
| 47 SYLVAN AVE | 5,787.28 | 2,787.33 | 2,999.94 | 2,958.59 | R-1C | R-6 |
| 48 SYLVAN AVE | 6,209.25 | 1,642.61 | 4,566.64 | 2,163.34 | R-1C | R-6 |
| 49 SYLVAN AVE | 5,803.95 | 1,757.90 | 4,046.05 | 2,189.02 | R-1C | R-6 |
| 5 SYLVAN AVE | 6,425.70 | 3,039.17 | 3,386.53 | 3,243.24 | R-1C | R-6 |
| 51 SYLVAN AVE | 5,820.32 | 2,543.84 | 3,276.48 | 2,780.92 | R-1C | R-6 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 52 SYLVAN AVE | 5,550.17 | 1,829.65 | 3,720.52 | 2,204.76 | R-1C | R-6 |
| 54 SYLVAN AVE | 5,889.59 | 1,600.50 | 4,289.09 | 2,083.81 | R-1C | R-6 |
| 55 SYLVAN AVE | 11,690.36 | 2,659.23 | 9,031.13 | 3,747.98 | R-1C | R-6 |
| 56 SYLVAN AVE | 5,914.84 | 1,932.02 | 3,982.83 | 2,336.24 | R-1C | R-6 |
| 57 SYLVAN AVE | 5,869.89 | 2,452.66 | 3,417.23 | 2,719.98 | R-1C | R-6 |
| 58 SYLVAN AVE | 5,934.00 | 2,994.97 | 2,939.03 | 3,136.33 | R-1C | R-6 |
| 59 SYLVAN AVE | 5,886.59 | 3,376.10 | 2,510.49 | 3,415.06 | R-1C | R-6 |
| 6 SYLVAN AVE | 6,465.69 | 2,890.66 | 3,575.02 | 3,137.85 | R-1C | R-6 |
| 60 SYLVAN AVE | 5,953.16 | 1,266.45 | 4,686.71 | 1,842.81 | R-1C | R-6 |
| 61 SYLVAN AVE | 5,902.96 | 3,777.50 | 2,125.46 | 3,718.57 | R-1C | R-6 |
| 62 SYLVAN AVE | 5,972.25 | 2,211.36 | 3,760.89 | 2,554.36 | R-1C | R-6 |
| 63 SYLVAN AVE | 5,919.64 | 1,194.91 | 4,724.73 | 1,784.13 | R-1C | R-6 |
| 64 SYLVAN AVE | 5,991.25 | 2,388.58 | 3,602.67 | 2,690.12 | R-1C | R-6 |
| 65 SYLVAN AVE | 5,936.05 | 2,423.35 | 3,512.70 | 2,707.92 | R-1C | R-6 |
| 66 SYLVAN AVE | 6,010.39 | 2,656.77 | 3,353.62 | 2,894.13 | R-1C | R-6 |
| 68 SYLVAN AVE | 6,029.64 | 1,239.61 | 4,790.03 | 1,834.16 | R-1C | R-6 |
| 7 SYLVAN AVE | 6,454.75 | 2,926.16 | 3,528.59 | 3,162.83 | R-1C | R-6 |
| 70 SYLVAN AVE | 6,048.70 | 2,391.04 | 3,657.66 | 2,700.59 | R-1C | R-6 |
| 8 SYLVAN AVE | 6,492.20 | 2,471.09 | 4,021.11 | 2,827.15 | R-1C | R-6 |
| 9 SYLVAN AVE | 6,483.64 | 2,946.83 | 3,536.81 | 3,182.67 | R-1C | R-6 |
| 23 WELLESLEY DR | 4,700.22 | 2,159.22 | 2,541.00 | 2,324.44 | R-1D | R-6 |
| 24 WELLESLEY DR | 4,352.64 | 2,571.59 | 1,781.05 | 2,581.59 | R-1D | R-6 |
| 25 WELLESLEY DR | 4,474.28 | 2,870.50 | 1,603.77 | 2,824.02 | R-1D | R-6 |
| 26 WELLESLEY DR | 4,361.79 | 2,099.73 | 2,262.05 | 2,229.07 | R-1D | R-6 |
| 27 WELLESLEY DR | 4,592.12 | 3,315.70 | 1,276.41 | 3,175.60 | R-1D | R-6 |
| 28 WELLESLEY DR | 4,371.29 | 2,640.65 | 1,730.64 | 2,636.18 | R-1D | R-6 |
| 29 WELLESLEY DR | 4,595.58 | 2,615.56 | 1,980.02 | 2,651.01 | R-1D | R-6 |
| 30 WELLESLEY DR | 4,380.58 | 2,618.50 | 1,762.08 | 2,620.96 | R-1D | R-6 |
| 31 WELLESLEY DR | 4,598.93 | 2,349.44 | 2,249.48 | 2,451.92 | R-1D | R-6 |
| 32 WELLESLEY DR | 4,389.87 | 2,256.01 | 2,133.86 | 2,350.49 | R-1D | R-6 |
| 33 WELLESLEY DR | 4,602.18 | 2,276.13 | 2,326.05 | 2,397.42 | R-1D | R-6 |
| 34 WELLESLEY DR | 4,399.22 | 2,831.56 | 1,567.67 | 2,783.55 | R-1D | R-6 |
| 35 WELLESLEY DR | 4,605.60 | 2,281.93 | 2,323.66 | 2,402.29 | R-1D | R-6 |
| 36 WELLESLEY DR | 4,408.63 | 1,672.82 | 2,735.81 | 1,915.91 | R-1D | R-6 |
| 37 WELLESLEY DR | 4,608.88 | 2,532.99 | 2,075.90 | 2,591.07 | R-1D | R-6 |
| 38 WELLESLEY DR | 4,417.80 | 2,197.97 | 2,219.82 | 2,311.15 | R-1D | R-6 |
| 39 WELLESLEY DR | 4,612.29 | 2,784.68 | 1,827.62 | 2,780.35 | R-1D | R-6 |
| 40 WELLESLEY DR | 4,425.85 | 3,192.94 | 1,232.91 | 3,058.59 | R-1D | R-6 |
| 41 WELLESLEY DR | 6,148.61 | 1,666.15 | 4,482.46 | 2,171.90 | R-1D | R-6 |
| 42 WELLESLEY DR | 5,546.99 | 1,577.98 | 3,969.02 | 2,015.53 | R-1D | R-6 |
| 43 WELLESLEY DR | 6,358.91 | 2,130.90 | 4,228.01 | 2,552.01 | R-1D | R-6 |
| 44 WELLESLEY DR | 4,481.72 | 1,603.99 | 2,877.73 | 1,875.25 | R-1D | R-6 |
| 45 WELLESLEY DR | 4,617.19 | 3,215.40 | 1,401.79 | 3,104.13 | R-1D | R-6 |
| 46 WELLESLEY DR | 4,514.12 | 2,690.41 | 1,823.71 | 2,694.93 | R-1D | R-6 |
| 47 WELLESLEY DR | 4,620.26 | 2,737.78 | 1,882.48 | 2,746.38 | R-1D | R-6 |
| 48 WELLESLEY DR | 4,525.42 | 2,642.52 | 1,882.91 | 2,660.70 | R-1D | R-6 |
| 49 WELLESLEY DR | 4,623.66 | 2,847.01 | 1,776.65 | 2,828.81 | R-1D | R-6 |
| 50 WELLESLEY DR | 4,536.82 | 2,103.59 | 2,433.23 | 2,258.22 | R-1D | R-6 |
| 51 WELLESLEY DR | 4,626.89 | 2,459.76 | 2,167.13 | 2,538.85 | R-1D | R-6 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 52 WELLESLEY DR | 4,547.96 | 2,334.42 | 2,213.55 | 2,433.01 | R-1D | R-6 |
| 53 WELLESLEY DR | 4,630.28 | 3,049.95 | 1,580.32 | 2,982.01 | R-1D | R-6 |
| 54 WELLESLEY DR | 4,559.41 | 2,173.00 | 2,386.41 | 2,313.67 | R-1D | R-6 |
| 55 WELLESLEY DR | 4,633.39 | 2,648.50 | 1,984.89 | 2,681.38 | R-1D | R-6 |
| 56 WELLESLEY DR | 4,570.81 | 2,936.42 | 1,634.38 | 2,887.94 | R-1D | R-6 |
| 57 WELLESLEY DR | 4,636.75 | 1,231.70 | 3,405.05 | 1,619.29 | R-1D | R-6 |
| 58 WELLESLEY DR | 4,582.10 | 2,247.41 | 2,334.69 | 2,372.87 | R-1D | R-6 |
| 59 WELLESLEY DR | 4,639.98 | 2,673.11 | 1,966.87 | 2,700.83 | R-1D | R-6 |
| 60 WELLESLEY DR | 4,593.43 | 2,811.75 | 1,781.69 | 2,797.83 | R-1D | R-6 |
| 61 WELLESLEY DR | 4,643.37 | 2,804.87 | 1,838.50 | 2,800.16 | R-1D | R-6 |
| 62 WELLESLEY DR | 4,604.81 | 2,389.20 | 2,215.62 | 2,482.62 | R-1D | R-6 |
| 63 WELLESLEY DR | 4,646.48 | 2,938.03 | 1,708.44 | 2,900.50 | R-1D | R-6 |
| 64 WELLESLEY DR | 4,615.17 | 2,550.95 | 2,064.23 | 2,605.49 | R-1D | R-6 |
| 65 WELLESLEY DR | 4,649.94 | 2,039.40 | 2,610.54 | 2,227.04 | R-1D | R-6 |
| 66 WELLESLEY DR | 4,626.36 | 2,517.67 | 2,108.69 | 2,582.21 | R-1D | R-6 |
| 67 WELLESLEY DR | 4,653.02 | 2,437.20 | 2,215.82 | 2,525.85 | R-1D | R-6 |
| 68 WELLESLEY DR | 4,637.89 | 2,069.30 | 2,568.59 | 2,247.66 | R-1D | R-6 |
| 69 WELLESLEY DR | 4,656.45 | 2,429.36 | 2,227.09 | 2,520.49 | R-1D | R-6 |
| 70 WELLESLEY DR | 4,649.10 | 2,200.53 | 2,448.57 | 2,347.76 | R-1D | R-6 |
| 71 WELLESLEY DR | 4,659.54 | 1,578.99 | 3,080.55 | 1,883.17 | R-1D | R-6 |
| 72 WELLESLEY DR | 4,660.50 | 2,326.77 | 2,333.74 | 2,444.15 | R-1D | R-6 |
| 73 WELLESLEY DR | 4,663.03 | 2,639.62 | 2,023.42 | 2,679.17 | R-1D | R-6 |
| 74 WELLESLEY DR | 4,671.80 | 2,590.10 | 2,081.70 | 2,643.35 | R-1D | R-6 |
| 75 WELLESLEY DR | 4,666.12 | 3,220.97 | 1,445.15 | 3,115.65 | R-1D | R-6 |
| 76 WELLESLEY DR | 4,683.04 | 2,664.72 | 2,018.32 | 2,701.00 | R-1D | R-6 |
| 77 WELLESLEY DR | 4,669.56 | 2,214.28 | 2,455.28 | 2,361.14 | R-1D | R-6 |
| 78 WELLESLEY DR | 4,694.55 | 3,306.04 | 1,388.51 | 3,183.71 | R-1D | R-6 |
| 79 WELLESLEY DR | 4,672.69 | 1,716.70 | 2,955.99 | 1,988.43 | R-1D | R-6 |
| 80 WELLESLEY DR | 4,705.67 | 2,725.91 | 1,979.76 | 2,750.28 | R-1D | R-6 |
| 81 WELLESLEY DR | 4,676.09 | 2,515.89 | 2,160.20 | 2,588.33 | R-1D | R-6 |
| 82 WELLESLEY DR | 4,717.13 | 2,633.41 | 2,083.72 | 2,682.63 | R-1D | R-6 |
| 83 WELLESLEY DR | 4,679.29 | 3,732.09 | 947.19 | 3,500.96 | R-1D | R-6 |
| 84 WELLESLEY DR | 6,989.35 | 2,793.72 | 4,195.63 | 3,143.69 | R-1D | R-6 |
| 85 WELLESLEY DR | 4,682.60 | 2,757.96 | 1,924.64 | 2,770.86 | R-1D | R-6 |
| 88 WELLESLEY DR | 5,934.28 | 2,865.83 | 3,068.45 | 3,039.52 | R-1D | R-6 |
| 90 WELLESLEY DR | 9,711.51 | 2,548.52 | 7,163.00 | 3,368.12 | R-1D | R-6 |
| 1 WELLESLEY DR | 11,509.93 | 2,749.01 | 8,760.91 | 3,788.25 | R-1C | R-6 |
| 10 WELLESLEY DR | 5,340.13 | 3,011.42 | 2,328.71 | 3,059.58 | R-1C | R-6 |
| 11 WELLESLEY DR | 5,701.15 | 3,028.81 | 2,672.35 | 3,126.78 | R-1C | R-6 |
| 12 WELLESLEY DR | 5,354.68 | 2,733.50 | 2,621.18 | 2,853.33 | R-1C | R-6 |
| 13 WELLESLEY DR | 5,706.42 | 1,503.97 | 4,202.45 | 1,983.94 | R-1C | R-6 |
| 14 WELLESLEY DR | 5,369.32 | 2,450.01 | 2,919.32 | 2,642.90 | R-1C | R-6 |
| 15 WELLESLEY DR | 5,711.43 | 3,664.38 | 2,047.05 | 3,605.00 | R-1C | R-6 |
| 16 WELLESLEY DR | 8,621.06 | 3,063.32 | 5,557.74 | 3,590.65 | R-1C | R-6 |
| 17 WELLESLEY DR | 5,716.82 | 3,046.91 | 2,669.91 | 3,142.71 | R-1C | R-6 |
| 19 WELLESLEY DR | 5,721.95 | 2,886.53 | 2,835.42 | 3,023.19 | R-1C | R-6 |
| 20 WELLESLEY DR | 7,574.11 | 3,434.33 | 4,139.79 | 3,711.86 | R-1C | R-6 |
| 21 WELLESLEY DR | 5,727.27 | 2,475.70 | 3,251.57 | 2,715.86 | R-1C | R-6 |
| 22 WELLESLEY DR | 5,426.31 | 1,253.53 | 4,172.78 | 1,754.09 | R-1C | R-6 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5 WELLESLEY DR | 5,685.39 | 2,574.45 | 3,110.94 | 2,783.65 | R-1C | R-6 |
| 6 WELLESLEY DR | 4,577.57 | 1,368.39 | 3,209.19 | 1,712.93 | R-1C | R-6 |
| 7 WELLESLEY DR | 5,690.73 | 2,574.33 | 3,116.39 | 2,784.36 | R-1C | R-6 |
| 8 WELLESLEY DR | 5,325.60 | 2,599.74 | 2,725.86 | 2,748.65 | R-1C | R-6 |
| 9 WELLESLEY DR | 5,695.84 | 2,634.05 | 3,061.78 | 2,829.92 | R-1C | R-6 |
| 1 WOODSIDE PARK BLVD | 12,800.52 | 2,875.01 | 9,925.50 | 4,076.34 | R-1D | RX4 |
| 1 WOODSIDE PARK BLVD \# A | 9,600.97 | 2,687.33 | 6,913.64 | 3,455.64 | R-1D | RX4 |
| 10 WOODSIDE PARK BLVD | 8,550.03 | 2,999.93 | 5,550.10 | 3,532.45 | R-1D | RX4 |
| 11 WOODSIDE PARK BLVD | 8,099.97 | 3,227.99 | 4,871.98 | 3,635.99 | R-1D | RX4 |
| 12 WOODSIDE PARK BLVD | 8,399.91 | 3,213.25 | 5,186.66 | 3,669.92 | R-1D | RX4 |
| 14 WOODSIDE PARK BLVD | 12,149.98 | 4,148.72 | 8,001.26 | 4,934.04 | R-1D | RX4 |
| 15 WOODSIDE PARK BLVD | 7,500.04 | 3,085.77 | 4,414.27 | 3,439.34 | R-1D | RX4 |
| 16 WOODSIDE PARK BLVD | 7,200.09 | 1,618.02 | 5,582.07 | 2,293.53 | R-1D | RX4 |
| 17 WOODSIDE PARK BLVD | 7,499.97 | 3,285.03 | 4,214.94 | 3,588.77 | R-1D | RX4 |
| 18 WOODSIDE PARK BLVD | 6,899.97 | 4,915.38 | 1,984.58 | 4,721.53 | R-1D | RX4 |
| 19 WOODSIDE PARK BLVD | 7,499.98 | 3,148.45 | 4,351.53 | 3,486.33 | R-1D | RX4 |
| 2 WOODSIDE PARK BLVD | 8,160.00 | 3,903.70 | 4,256.30 | 4,151.77 | R-1D | RX4 |
| 20 WOODSIDE PARK BLVD | 6,900.01 | 3,915.04 | 2,984.97 | 3,971.28 | R-1D | RX4 |
| 21 WOODSIDE PARK BLVD | 7,500.05 | 3,066.15 | 4,433.90 | 3,424.62 | R-1D | RX4 |
| 22 WOODSIDE PARK BLVD | 6,900.04 | 3,453.63 | 3,446.41 | 3,625.23 | R-1D | RX4 |
| 23 WOODSIDE PARK BLVD | 7,199.98 | 3,016.10 | 4,183.88 | 3,342.07 | R-1D | RX4 |
| 24 WOODSIDE PARK BLVD | 6,899.97 | 3,307.54 | 3,592.44 | 3,515.65 | R-1D | RX4 |
| 25 WOODSIDE PARK BLVD | 7,200.05 | 3,234.61 | 3,965.44 | 3,505.96 | R-1D | RX4 |
| 26 WOODSIDE PARK BLVD | 6,900.04 | 3,319.07 | 3,580.98 | 3,524.31 | R-1D | RX4 |
| 27 WOODSIDE PARK BLVD | 7,200.01 | 2,893.80 | 4,306.21 | 3,250.35 | R-1D | RX4 |
| 28 WOODSIDE PARK BLVD | 6,900.03 | 3,338.44 | 3,561.59 | 3,538.84 | R-1D | RX4 |
| 29 WOODSIDE PARK BLVD | 7,199.98 | 2,698.01 | 4,501.97 | 3,103.51 | R-1D | RX4 |
| 3 WOODSIDE PARK BLVD | 8,999.91 | 3,691.92 | 5,307.99 | 4,118.93 | R-1D | RX4 |
| 30 WOODSIDE PARK BLVD | 6,899.99 | 3,150.11 | 3,749.88 | 3,397.58 | R-1D | RX4 |
| 31 WOODSIDE PARK BLVD | 15,519.17 | 2,305.27 | 13,213.90 | 4,056.83 | R-1C | RX4 |
| 32 WOODSIDE PARK BLVD | 11,755.81 | 2,574.45 | 9,181.36 | 3,694.21 | R-1C | RX4 |
| 4 WOODSIDE PARK BLVD | 13,120.51 | 3,922.96 | 9,197.55 | 4,910.30 | R-1D | RX4 |
| 5 WOODSIDE PARK BLVD | 9,000.08 | 3,508.65 | 5,491.42 | 3,981.50 | R-1D | RX4 |
| 6 WOODSIDE PARK BLVD | 8,999.96 | 3,406.60 | 5,593.36 | 3,904.94 | R-1D | RX4 |
| 7 WOODSIDE PARK BLVD | 8,999.89 | 3,224.76 | 5,775.14 | 3,768.55 | R-1D | RX4 |
| 8 WOODSIDE PARK BLVD | 9,000.04 | 3,726.35 | 5,273.70 | 4,144.77 | R-1D | RX4 |
| 9 WOODSIDE PARK BLVD | 9,000.08 | 3,623.66 | 5,376.42 | 4,067.76 | R-1D | RX4 |
| 11 WOODWARD HEIGHTS BLVD | 6,092.17 | 2,080.82 | 4,011.35 | 2,474.44 | R-1C | R-7 |
| 17 WOODWARD HEIGHTS BLVD | 5,995.83 | 3,298.24 | 2,697.59 | 3,373.05 | R-1C | R-7 |
| 19 WOODWARD HEIGHTS BLVD | 5,551.86 | 1,918.27 | 3,633.59 | 2,271.48 | R-1C | R-7 |
| 23 WOODWARD HEIGHTS BLVD | 5,560.89 | 1,542.68 | 4,018.21 | 1,991.14 | R-1C | R-7 |
| 25 WOODWARD HEIGHTS BLVD | 5,570.11 | 1,942.08 | 3,628.03 | 2,292.07 | R-1C | R-7 |
| 27 WOODWARD HEIGHTS BLVD | 5,579.04 | 2,746.22 | 2,832.82 | 2,896.52 | R-1C | R-7 |
| 29 WOODWARD HEIGHTS BLVD | 5,588.04 | 1,496.85 | 4,091.19 | 1,960.84 | R-1C | R-7 |
| 3 WOODWARD HEIGHTS BLVD | 11,246.14 | 2,516.70 | 8,729.44 | 3,574.45 | R-1C | R-7 |
| 33 WOODWARD HEIGHTS BLVD | 5,597.14 | 2,686.65 | 2,910.49 | 2,854.56 | R-1C | R-7 |
| 35 WOODWARD HEIGHTS BLVD | 5,606.29 | 2,505.71 | 3,100.58 | 2,720.22 | R-1C | R-7 |
| 37 WOODWARD HEIGHTS BLVD | 5,615.20 | 2,764.38 | 2,850.82 | 2,915.57 | R-1C | R-7 |
| 39 WOODWARD HEIGHTS BLVD | 5,624.32 | 2,945.88 | 2,678.43 | 3,053.06 | R-1C | R-7 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 41 WOODWARD HEIGHTS BLVD | 5,633.36 | 1,691.53 | 3,941.83 | 2,113.65 | R-1C | R-7 |
| 45 WOODWARD HEIGHTS BLVD | 5,642.48 | 1,576.56 | 4,065.92 | 2,028.79 | R-1C | R-7 |
| 47 WOODWARD HEIGHTS BLVD | 5,651.49 | 2,184.51 | 3,466.97 | 2,486.11 | R-1C | R-7 |
| 49 Woodward heights blvd | 5,677.57 | 1,874.94 | 3,802.62 | 2,257.84 | R-1C | R-7 |
| 5 WOODWARD HEIGHTS BLVD | 6,508.76 | 2,562.78 | 3,945.98 | 2,898.40 | R-1C | R-7 |
| 53 WOODWARD HEIGHTS BLVD | 5,193.53 | 2,236.37 | 2,957.15 | 2,456.31 | R-1C | R-7 |
| 57 WOODWARD HEIGHTS BLVD | 6,364.65 | 1,558.72 | 4,805.93 | 2,123.74 | R-1C | R-7 |
| 59 WOODWARD HEIGHTS BLVD | 5,864.57 | 2,684.46 | 3,180.10 | 2,893.03 | R-1C | R-7 |
| 63 WOODWARD HEIGHTS BLVD | 5,878.62 | 2,467.13 | 3,411.49 | 2,732.14 | R-1C | R-7 |
| 65 WOODWARD HEIGHTS BLVD | 5,892.76 | 3,350.87 | 2,541.89 | 3,397.06 | R-1C | R-7 |
| 67 WOODWARD HEIGHTS BLVD | 5,906.69 | 3,835.87 | 2,070.82 | 3,762.91 | R-1C | R-7 |
| 71 Woodward heights blvd | 5,920.77 | 2,554.00 | 3,366.77 | 2,803.62 | R-1C | R-7 |
| 73 WOODWARD HEIGHTS BLVD | 5,934.83 | 2,431.12 | 3,503.71 | 2,713.56 | R-1C | R-7 |
| 75 WOODWARD HEIGHTS BLVD | 5,948.82 | 2,973.96 | 2,974.85 | 3,122.79 | R-1C | R-7 |
| 77 WOODWARD HEIGHTS BLVD | 5,963.02 | 2,435.00 | 3,528.03 | 2,720.70 | R-1C | R-7 |
| 79 WOODWARD HEIGHTS BLVD | 5,976.90 | 3,149.81 | 2,827.09 | 3,258.89 | R-1C | R-7 |
| 81 WOODWARD HEIGHTS BLVD | 5,990.09 | 1,445.39 | 4,544.70 | 1,982.55 | R-1C | R-7 |
| 9 WOODWARD HEIGHTS BLVD | 6,529.49 | 2,588.83 | 3,940.66 | 2,921.04 | R-1C | R-7 |
| 10 WOODWARD HEIGHTS BLVD | 7,306.68 | 2,536.52 | 4,770.17 | 2,998.39 | R2 | R-7 |
| 12 WOODWARD HEIGHTS BLVD | 7,314.42 | 2,927.07 | 4,387.35 | 3,292.47 | R2 | R-7 |
| 14 WOODWARD HEIGHTS BLVD | 7,257.67 | 4,693.37 | 2,564.30 | 4,608.68 | R2 | R-7 |
| 16 WOODWARD HEIGHTS BLVD | 7,200.37 | 2,540.85 | 4,659.52 | 2,985.69 | R2 | R-7 |
| 18 WOODWARD HEIGHTS BLVD | 7,143.48 | 3,000.56 | 4,142.92 | 3,321.94 | R2 | R-7 |
| 20 WOODWARD HEIGHTS BLVD | 7,086.47 | 3,270.69 | 3,815.78 | 3,515.99 | R2 | R-7 |
| 22 WOODWARD HEIGHTS BLVD | 7,029.48 | 1,466.42 | 5,563.06 | 2,154.23 | R2 | R-7 |
| 24 WOODWARD HEIGHTS BLVD | 6,985.08 | 3,256.60 | 3,728.48 | 3,490.21 | R2 | R-7 |
| 26 WOODWARD HEIGHTS BLVD | 6,902.88 | 4,278.21 | 2,624.67 | 4,244.09 | R2 | R-7 |
| 28 WOODWARD HEIGHTS BLVD | 6,858.45 | 2,622.95 | 4,235.50 | 2,995.98 | R2 | R-7 |
| 30 WOODWARD HEIGHTS BLVD | 6,801.33 | 2,974.19 | 3,827.14 | 3,250.84 | R2 | R-7 |
| 32 WOODWARD HEIGHTS BLVD | 6,744.51 | 2,229.94 | 4,514.57 | 2,684.13 | R2 | R-7 |
| 34 WOODWARD HEIGHTS BLVD | 6,687.42 | 2,521.63 | 4,165.79 | 2,894.34 | R2 | R-7 |
| 36 WOODWARD HEIGHTS BLVD | 6,630.49 | 2,277.50 | 4,353.00 | 2,702.70 | R2 | R-7 |
| 38 WOODWARD HEIGHTS BLVD | 6,573.45 | 3,733.30 | 2,840.15 | 3,785.99 | R2 | R-7 |
| 40 WOODWARD HEIGHTS BLVD | 6,516.51 | 2,912.69 | 3,603.82 | 3,161.99 | R2 | R-7 |
| 44 WOODWARD HEIGHTS BLVD | 6,402.48 | 3,324.79 | 3,077.69 | 3,453.97 | R2 | R-7 |
| 46 WOODWARD HEIGHTS BLVD | 6,345.29 | 2,156.46 | 4,188.82 | 2,569.14 | R2 | R-7 |
| 48 WOODWARD HEIGHTS BLVD | 6,288.43 | 2,653.94 | 3,634.49 | 2,933.72 | R2 | R-7 |
| 50 WOODWARD HEIGHTS BLVD | 6,231.31 | 1,808.71 | 4,422.60 | 2,291.23 | R2 | R-7 |
| 52 Woodward heights blvd | 6,174.36 | 3,514.74 | 2,659.62 | 3,562.21 | R2 | R-7 |
| 54 WOODWARD HEIGHTS BLVD | 6,117.34 | 1,857.01 | 4,260.33 | 2,310.36 | R2 | R-7 |
| 56 WOODWARD HEIGHTS BLVD | 6,060.40 | 1,983.72 | 4,076.68 | 2,396.85 | R2 | R-7 |
| 58 WOODWARD HEIGHTS BLVD | 6,003.24 | 2,347.11 | 3,656.14 | 2,660.82 | R2 | R-7 |
| 60 WOODWARD HEIGHTS BLVD | 5,946.30 | 3,491.80 | 2,454.50 | 3,510.80 | R2 | R-7 |
| 62 Woodward heights blvd | 8,812.72 | 2,248.55 | 6,564.17 | 3,008.32 | R2 | R-7 |
| 66 WOODWARD HEIGHTS BLVD | 8,684.44 | 3,086.05 | 5,598.38 | 3,617.20 | R2 | R-7 |
| 68 WOODWARD HEIGHTS BLVD | 5,718.31 | 1,473.75 | 4,244.56 | 1,963.06 | R2 | R-7 |
| 70 WOODWARD HEIGHTS BLVD | 5,661.33 | 2,930.06 | 2,731.27 | 3,046.75 | R2 | R-7 |
| 72 WOODWARD HEIGHTS BLVD | 5,604.24 | 3,571.27 | 2,032.97 | 3,519.09 | R2 | R-7 |
| 74 WOODWARD HEIGHTS BLVD | 5,547.44 | 1,579.22 | 3,968.22 | 2,016.53 | R2 | R-7 |


| ADDRESS | PARCEL AREA | IMPERVIOUS AREA | PERVIOUS AREA | RUNOFF AREA | ZONING | NEIGHBORHOOD |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 76 WOODWARD HEIGHTS BLVD | 5,490.22 | 1,897.94 | 3,592.28 | 2,246.99 | R2 | R-7 |
| 78 WOODWARD HEIGHTS BLVD | 5,433.27 | 1,447.00 | 3,986.26 | 1,900.24 | R2 | R-7 |
| 80 WOODWARD HEIGHTS BLVD | 5,376.35 | 2,372.10 | 3,004.25 | 2,585.53 | R2 | R-7 |
| 82 WOODWARD HEIGHTS BLVD | 6,068.07 | 2,289.11 | 3,778.96 | 2,627.04 | R2 | R-7 |
| 23622 WOODWARD AVE | 9,061.62 | 9,061.58 | 0.04 | 8,155.43 | C | CRL |
| 23634 WOODWARD AVE | 4,530.36 | 4,530.00 | 0.36 | 4,077.05 | C | COF |
| 23647 WOODWARD AVE | 9,123.16 | 5,796.71 | 3,326.46 | 5,716.00 | C | COF |
| 23650 WOODWARD AVE | 6,795.44 | 6,795.39 | 0.05 | 6,115.86 | RO | COF |
| 23675 WOODWARD AVE | 9,013.82 | 6,340.03 | 2,673.79 | 6,107.10 | c | COF |
| 23690 WOODWARD AVE | 20,625.82 | 17,416.50 | 3,209.32 | 16,156.25 | RO | CMT |
| 23700 WOODWARD AVE | 13,787.34 | 13,175.16 | 612.18 | 11,949.47 | C | NSC |
| 23701 WOODWARD AVE | 16,024.89 | 16,024.78 | 0.11 | 14,422.32 | C | CRM |
| 23733 WOODWARD AVE | 14,021.46 | 14,021.32 | 0.13 | 12,619.21 | C | AUT |
| 23760 WOODWARD AVE | 5,802.86 | 4,471.73 | 1,331.14 | 4,224.22 | C | COF |
| 23800 WOODWARD AVE | 16,661.97 | 13,284.45 | 3,377.51 | 12,462.64 | C | COF |
| 23810 WOODWARD AVE | 6,855.89 | 5,932.27 | 923.62 | 5,477.59 | C | COF |
| 23900 WOODWARD AVE | 10,408.61 | 10,467.43 | -58.82 | 9,411.86 | C | CRL |
| 23992 WOODWARD AVE | 13,523.88 | 8,950.80 | 4,573.20 | 8,741.70 | RM | K-1 |
| 24028 WOODWARD AVE | 33,314.24 | 31,934.82 | 1,379.41 | 28,948.25 | C | BNK |
| 24052 WOODWARD AVE | 13,477.53 | 10,549.01 | 2,928.52 | 9,933.39 | C | CRL |
| 24100 WOODWARD AVE | 6,404.08 | 4,887.27 | 1,516.80 | 4,626.07 | C | COF |
| 24126 WOODWARD AVE | 3,696.96 | 3,068.74 | 628.22 | 2,856.10 | C | COF |
| 24200 WOODWARD AVE | 11,334.21 | 9,195.17 | 2,139.04 | 8,596.51 | C | COF |
| 24220 WOODWARD AVE | 11,679.07 | 10,020.24 | 1,658.82 | 9,267.04 | C | CRL |
| 24280 WOODWARD AVE | 36,743.12 | 32,964.58 | 3,778.54 | 30,234.90 | RO | COF |
| 400 E 10 MILE RD | 47,816.98 | 41,692.09 | 6,124.89 | 38,441.61 | M | INL |
| 404 E 10 MILE RD | 80,902.37 | 79,638.09 | 1,264.29 | 71,863.92 | M | INL |
| 6 WOODWARD HEIGHTS BLVD | 8,033.62 | 3,841.16 | 4,192.45 | 4,085.91 | R2 | APT |
| 660 E 10 MILE RD | 165,712.39 | 163,734.43 | 1,977.97 | 147,657.68 | M | IVL |



# ANDERSON, ECKSTEIN AND WESTRICK, INC. 

51301 Schoenherr Road, Shelby Township, Michigan 48315
Civil Engineers • Surveyors • Architects 586-726-1234

February 1, 2016
James Breuckman, City Manager
City of Pleasant Ridge
23925 Woodward Avenue
Pleasant Ridge, Michigan 48069
Reference: Impervious Surface Analysis
$\quad$ AEW Project No. 0175-0075.

Dear Mr. Breuckman:
As requested, we have reviewed the impervious surface analysis provided on November 20, 2015 to check and verify the GIS layers and runoff calculations. Below are a few comments in regards to our review.

1. The information from the GIS layer appears to correlate with the associated parcels.
2. The runoff area calculation appears to be correct for each parcel. The runoff areas in the excel spreadsheet are calculated by taking the impervious area and multiplying by a runoff coefficient of 0.90 (typical for impervious areas) and adding the pervious area multiplied by a runoff coefficient of 0.15 (typical for flat sloped greenbelt areas). This method is more accurate than using an average runoff coefficient such as 0.55 , like we use now when designing new subdivisions, because you are taking into account the actual impervious area of each parcel.
3. The calculated area of an ERU is $3 ; 609 \mathrm{sft}$ and the cost per ERU calculated to be $\$ 268.93$. Based on the data in the spreadsheet, the calculations appear to be correct.
4. The average ERU per street was calculated by taking the average runoff area per street and dividing the calculated square feet of an ERU.

If you have any questions, please let me know.

cc: Roy C. Rose, PE, AEW

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## Wolf v. City of Birmingham FAQ's

## I. What is the Wolf $v$. the City of Birmingham class action lawsuit about?

The City of Birmingham, along with seven other communities to date, were served with class action lawsuits beginning in 2014 claiming a violation of the criteria for allocating stormwater charges under the Bolt v. City of Lansing case.

## 2. What was the Bolt v. City of Lansing case about?

The City of Lansing imposed a stormwater utility fee in addition to their stormwater charge on virtually all properties in the city to pay for the city's stormwater and sanitary sewer separation project. The Michigan Supreme Court ruled that the stormwater utility fee imposed by Lansing was unconstitutional on the basis that it was a tax and not a valid use fee. The Court established three criteria for distinguishing between a fee and a tax: I) the user fee must serve a regulatory purpose; 2) a user fee must be proportionate to the necessary cost of service; and 3 ) a user fee must be voluntary and property owners must be able to refuse or limit their use of the commodity or service.

## 3. How does the Bolt case affect Birmingham?

The City of Birmingham, like most communities throughout the state, attribute stormwater charges based on the amount of water that is consumed based on a water meter. This methodology in determining stormwater charges is fairly consistent among communities and has been administered this way for decades. This City does not add any additional utility fees to this charge. However, over time additional rulings from the Michigan Court of Appeals have helped further refine the ruling in the Bolt case as to the specifics of how stormwater charges are allocated. Included in this was the issue of proportionally allocating stormwater charges. The proportionality issue refined by the courts does not coincide with how many communities, including Birmingham, have historically allocated these charges. As a result Birmingham was sued alleging the last two years of stormwater charges was unconstitutional.
4. What other communities have been sued so far under this determination?
The City of Jackson, City of Ferndale, City of Royal Oak, City of Oak Park, City of Dearborn, City of Detroit and Oakland Township.

## Wolf v. City of Birmingham FAQ's

(Continued)
5. How much did the City of Birmingham get sued for?

The City of Birmingham is charged approximately $\$ 2,250,000$ annually by the Oakland County Water Resource Commission for stormwater charges, which is then billed to Birmingham water users. The lawsuit is seeking two years of stormwater charges of approximately $\$ 4.5$ million, however, the City reached a settlement of $\$ 2,850,000$.
6. Will this settlement increase my taxes?

No. The costs associated with this lawsuit will be paid from existing reserves.
7. Will this settlement increase my water bill?

No, the settlement itself will not increase your water bill. The settlement is being paid out of existing reserves. However, as part of the settlement, the City will need to change how costs associated with stormwater disposal are billed to rate payers.
8. How will the City charge stormwater to residents in the future?
The City will charge stormwater costs to residents based on a proration of each property's contribution to stormwater. Factors in determining each property's contribution include: lot size and percentage of pervious and impervious surfaces on the property. The City is consulting with an engineering firm to assist with the calculation and how to administer the calculation going forward. The amount will appear on your quarterly water/sewer bill as a separate itemized cost.

## 9. How will the new stormwater charges effect my water bill?

Stormwater costs will be removed from the sanitary sewer rate (which is charged based on water consumption) and charged separately on the water bill as an itemized cost. Individual residents will experience different results based on their property's proportional share of stormwater costs. Some residents may see an increase in their quarterly water bill and others may see a decrease.


# City of Pleasant Ridge 

From: Jim Breuckman, City Manager
To: City Commission
Date: April 1, 2016
Re: Gainsboro Park Construction Drawings - Approval to Let for Bids

## Overview

livingLAB and AEW have completed the construction drawings for the Gainsboro Park project. At this time the plans are ready to be let out to bid.

## Requested Action

City Commission approval of the Gainsboro Park construction drawings to be let for bidding, and scheduling of a special City Commission meeting to be held on Tuesday, May 24 for the purpose of approving the selection of a contractor to construct the park.

## Background

The construction drawings before you are a culmination of the design process that began last July. The current plans are identical in overall concept to the master plan, $30 \%$, and $60 \%$ construction drawings that the Recreation and City Commissions have reviewed over the past 8 months. At this stage all of the details and engineering work has been completed.

City Commission approval of the construction drawings is the final step before the plans are let out to bid.
Staff is requesting that the City Commission schedule a special meeting for Tuesday, May 24 for the purpose of approving the selection of a contractor for the park project. Allowing for an extra two weeks will allow bidders enough time to prepare bids. It is important to allow for interested bidders to have enough time to prepare their bids, and too-short bidding windows can result in otherwise interested and qualified contractors from being able to provide the City with a proposal.
livingLAB will attend the April 12 meeting to discuss the plans and process, and to answer any questions.

City of Pleasant Ridge<br>Scott Pietrzak, Assistant City Manager

From: Scott Pietrzak, Assistant City Manager<br>To: Mayor and City Commission<br>Date: April 12, 2016<br>Re: City Foundation Auction Donations<br>Each year, the City donates certain items to the Pleasant Ridge Foundation for its Annual Auction, the most valuable being the buildings for storage of certain items, as well as a place to hold their event. Listed below are the items being considered this year, although this should not be considered all inclusive:

2 Community Center Rental (residents only)
1 Summer Fun Package (residents only)
5 pool guest passes, $\$ 20$ concession stand credit, 2 free swim lessons, 1 Summer Program registration
1 Private Pool Party for 10 (resident only - between 8p and 9p) \$300.00
2 Name-A-Street (signs are paid by Foundation) priceless
1 Police Ride Along
1 Reserved lounge chair at the pool May 27 to September 5, 2016
(residents only)
\$200.00
\$220.00
priceless
priceless

The dollar value of the items is not great, but when you combine it with the value of employee time and the DPW building and Gainsboro Shelter, the amount is one that should be approved and recognized by the City Commission.

The relationship between the Pleasant Ridge Foundation and the City is truly a partnership. Profits from the Foundation's Annual Auction allows for purchases such as trees, playground equipment and other items that help provide the quality of life in Pleasant Ridge.

Of course, the Foundation has been impacted by the slow economy, as has every charity over the past few years, but the Trustees are always creating new events to generate interest of new residents. I will continue to do whatever necessary to promote and support the Auction on behalf of the City.

This fundraiser continues to be an excellent way to raise funds for the benefit of the community. Further, it is another way to promote and nurture the 'community' spirit in Pleasant Ridge.

Therefore, I recommend the City Commission approve the proposed donations to the Pleasant Ridge Foundation for its 2016 Auction event, "Life's a Beach" to be held May 21st.

Please feel free to contact me should you wish to discuss this matter further.

# City of Pleasant Ridge 

From: Amy M. Drealan, City Clerk
To: Mayor and City Commission
Date: April 12, 2016
Re: Property Assessing Agreement Renewal

## Overview

The City of Pleasant Ridge contracts Property Assessing Services with Oakland County Equalization.
The current agreement assessing services will expire on June 30th. The proposed contract for your consideration this evening will be effective July 1, 2016 through June 30, 2019. The contract language is the same as previous years, and there is a slight increase this year. The cost per parcel has been increased by $3 \%$. The cost of the agreement has not been increased in at least eight years.

## Rates

Real Property (1,260 parcels)
Personal Property (87 parcels)

Current
$\$ 13.60$ per parcel
\$12.40 per parcel

## Proposed

$\$ 14.00$ per parcel
$\$ 12.80$ per parcel

Requested Action
That the contract with Oakland County for assessing services be approved.

## CONTRACT FOR OAKLAND COUNTY

## EQUALIZATION DIVISION ASSISTANCE SERVICES

## WITH THE CITY OF PLEASANT RIDGE (real and personal property services)

This CONTRACT FOR OAKLAND COUNTY EQUALIZATION DIVISION ASSISTANCE SERVICES WITH THE CITY OF PLEASANT RIDGE, (hereafter, this "Contract") is made and entered into between the COUNTY OF OAKLAND, a Michigan Constitutional and Municipal Corporation, whose address is 1200 North Telegraph Road, Pontiac, Michigan 48341 (hereafter, the "County"), and the City of Pleasant Ridge, a Michigan Constitutional and Municipal Corporation whose address is 23925 Woodward Avenue, Pleasant Ridge, Michigan, 48069 (hereafter, the "Municipality"). In this Contract, either the County and/or the Municipality may also be referred to individually as a "Party" or jointly as "Parties."

## INTRODUCTORY STATEMENTS

A. The Municipality, pursuant to the laws of the State of Michigan (hereafter, the "State"), including, but not limited to, the Michigan General Property Tax Act (MCL 211.1, et seq.) is required to perform real and personal property tax appraisals and assessments for all nonexempt real and personal property located within the geographic boundaries of the Municipality for the purpose of levying State and local property taxes.
B. The Parties recognize and agree that absent an agreement such as this, or pursuant to an order of the State Tax Commission mandating the County to perform all or some of the property tax appraisal and tax assessment responsibilities for real and/or personal property located within the Municipality's geographic boundaries (MCL 211.10(f)), the County, has no obligation to provide these Services to or for the Municipality.
C. The Michigan General Property Tax Act (MCL 211.34(3) provides that the County Board of Commissioners, through the Equalization Division may furnish assistance to local assessing officers in the performance of certain of these legally mandated, Municipality, property appraisal and assessment responsibilities.
D. The Municipality has requested the County's Equalization Division assistance in performing the "Equalization Division Assistance Services" (as described and defined in this Contract) and has agreed in return to reimburse the County as provided for in this Contract.
E. The County has determined that it has sufficient "Equalization Division Personnel," as defined herein, possessing the requisite knowledge and expertise and is agreeable to assisting the Municipality by providing the requested "Equalization Division Assistance Services" under the terms and conditions of this Contract.

NOW, THEREFORE, in consideration of these premises and the mutual promises, representations, and agreements set forth in this Contract, and for other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the County and the Municipality mutually agree as follows:
§1. DEFINED TERMS. In addition to the above defined terms (i.e., "Contract", "County", "Municipality", "Party" and "Parties", and "State"), the Parties agree that the following words and expressions when printed with the first letter capitalized as shown herein, whether used in the singular or plural, possessive or nonpossessive, and/or either within or without quotation marks, shall, be defined and interpreted as follows:
1.1. "County Agent" or "County Agents" shall be defined as any and all Oakland County elected officials, appointed officials, directors, board members, council members, commissioners, authorities, other boards, committees, commissions, employees, managers, departments, divisions, volunteers, agents, representatives, and/or any such persons' successors or predecessors, agents, employees, attorneys, or auditors (whether such persons act or acted in their personal representative or official capacities), and/or any persons acting by, through, under, or in concert with any of them, excluding the Municipality and/or any Municipality Agents, as defined herein. "County Agent" and/or "County Agents" shall also include any person who was a County Agent anytime during the term of this Contract but, for any reason, is no longer employed, appointed, or elected and serving as a County Agent.
1.2. "Equalization Division Personnel" as used in this Contract shall be defined as a specific subset of, and included as part of the larger group of County Agents as defined above, and shall be further defined as any and all County Agents specifically employed and assigned by the County to work in the Equalization Division of the County's Department of Management and Budget as shown in the current County budget and/or personnel records of the County. For any and all purposes in this Contract, any reference to County Agents shall also include within that term any and all Equalization Division Personnel, but any reference in this Contract to Equalization Division Personnel shall not include any County Agent employed by the County in any other function, capacity or organizational unit of the County other than the Equalization Division of the Department of Management and Budget.
1.3. "Municipality Agent" or "Municipality Agents" shall be defined to include any and all Municipality officers, elected officials, appointed officials, directors, board members, council members, authorities, boards, committees, commissions, employees, managers, departments, divisions, volunteers, agents, representatives, and/or any such persons' successors or predecessors, agents, employees, attorneys, or auditors (whether such persons act or acted in their personal, representative, or official capacities), and/or any and all persons acting by, through, under, or in concert with any of them, except that no County Agent shall be deemed a Municipality Agent and conversely, no Municipality Agent shall be deemed a County Agent. "Municipality Agent" shall also include any person who was a Municipality Agent at any time during this Contract but for any reason is no longer employed, appointed, or elected in that capacity.
1.4. "Claim(s)" shall be defined to include any and all alleged losses, claims, complaints, demands for relief or damages, suits, causes of action, proceedings, judgments, deficiencies, liability, penalties, litigation costs and expenses, including, but not limited to, any reimbursement for reasonable attorney fees, witness fees, court costs, investigation and/or litigation expenses, any amounts paid in settlement, and/or any other amounts, liabilities or Claim(s) of any kind whatsoever which are imposed on, incurred by, or asserted against either the County and/or any County Agent, as defined herein, or any Claim(s) for which the County and/or any County Agent may become legally and/or contractually obligated to pay or defend against, or any other liabilities of any kind whatsoever, whether direct, indirect or consequential, whether based upon any alleged

[^3]violation of the constitution (Federal or State), any statute, rule, regulation or the common law, whether in law or equity, tort, contract, or otherwise, and/or whether commenced or threatened and arising out of any alleged breach of any duty by the County and/or any County Agent to any third-person, the Municipality, including any Municipality Agent or any Municipality Taxpayer under or in connection with this Contract or are based on or result in any way from the County's and/or any County Agent's participation in this Contract.
1.5. "Municipality Taxpayer" shall be defined as any and all residents, property owners, persons, or taxable entities within the Municipality, or their representatives or agents, who may be liable or responsible for any property taxes assessed by the Municipality pursuant to any applicable State Property Tax Laws.
1.6. "State" shall be defined as the "State of Michigan," a sovereign governmental entity of the United States, and shall also include within its definition any and all departments or agencies of State government including specifically, but not limited to, the State Tax Commission, the State Tax Tribunal, and/or the State Department of Treasury.
§2. COUNTY EQUALIZATION DIVISION ASSISTANCE SERVICES. The Parties agree that the full and complete scope of any and all County Equalization Division Assistance Services shall be as described and limited in the following subsections (hereinafter defined and referred to as either "Equalization Division Assistance Services" or "Services").
2.1. "EQUALIZATION DIVISION ASSISTANCE SERVICES" OR "SERVICES" TO BE PROVIDED. "Equalization Division Assistance Services" or "Services", to be performed by County for the Municipality as those terms are defined in this Contract, shall only include and shall be limited to the following activities:
2.1.1. This Contract is to provide for annual assessment of real and personal property from July 1, 2016 to June 30, 2019 as required by laws of the State of Michigan. The County agrees to make assessments of real and personal property within the Municipality pursuant to MCL 211.10d.
2.1.2. The Equalization Division personnel will appraise all property, process all real and personal property description changes, prepare the assessment roll for real and personal property in the Municipality; attend March, July and December Boards of Review and other such duties as required by the State General Property Tax Laws. The Equalization Division personnel will also be available for consultation on all Michigan Tax Tribunal real and personal property and special assessment appeals and will assist the Municipality in the preparation of both the oral and written defense of appeals, as long as there is a current Contract in effect.
2.2. PURPOSE OF COUNTY "SERVICES". The Parties agree that the purpose of any and all "Equalization Division Assistance Services" or "Services" to be performed under this Contract shall be to assist (e.g., to help, aid, lend support, and/or participate in as an auxiliary, to contribute effort toward completion of a goal, etc.) the Municipality in the performance of that Municipality's official
functions, obligations, and Municipality's legal responsibilities for property tax appraisal and assessment pursuant to the applicable State Property Tax Laws.
2.3. MANNER COUNTY TO PROVIDE SERVICES. The Parties agree that any and all "Equalization Division Assistance Services" or "Services" to be provided by the County for the Municipality under this Contract shall be performed solely and exclusively by the County's "Equalization Division Personnel" as defined herein.
2.3.1. Equalization Division Personnel, including those certified as MMAO, shall be employed and assigned by the County in such numbers and based on such appropriate qualifications and other factors as decided solely by the County.
2.3.2. The Parties agree that the County shall be solely and exclusively responsible for furnishing all Equalization Division Personnel with all job instructions, job descriptions and job specifications and shall in all circumstances control, supervise, train or direct all Equalization Division Personnel in the performance of any and all Services under this Contract.
2.3.3. Except as otherwise expressly provided for herein, the Parties agree and warrant that, at all times and for all purposes relevant to this Contract, the County shall remain the sole and exclusive employer of all County Agents and Equalization Division Personnel and that the County shall remain solely and completely liable for any and all County Agents' past, present, or future wages, compensation, overtime wages, expenses, fringe benefits, pension or retirement benefits, travel expenses, mileage allowances, training expenses, transportation costs, and/or other allowances or reimbursements of any kind, including, but not limited to, workers' disability compensation benefits, unemployment compensation, Social Security Act protection(s) and benefits, any employment taxes, and/or any other statutory or contractual right or benefit based on or in any way related to any County Agent's employment status.
2.3.4. This Contract is neither intended, nor shall it be interpreted, to create, change, grant, modify, supplement, supersede, alter, or otherwise affect or control, in any manner, form, or at any time, any right, privilege, benefit, or any other term or condition of employment, of any kind or nature whatsoever, in, upon, or for any County Agent or Equalization Division Personnel with the County, any applicable County employment and/or union contract, and/or any County rule(s), regulation(s), hours of work, shift assignment, order(s), policy(ies), procedure(s), directive(s), ethical guideline(s), etc., which shall, solely and exclusively, govern and control the employment relationship between the County and any County Agent or Equalization Division Personnel and/or the conduct and actions of any County Agent or any Equalization Division Personnel. To illustrate, but not otherwise limit, this Contract does not and shall not be interpreted to limit, modify, control, or otherwise affect, in any manner:
2.3.4.1. The County's sole and exclusive right, obligation, responsibility, and discretion to employ, compensate, assign, reassign, transfer, promote, reclassify, discipline, demote,
layoff, furlough, discharge any Equalization Division Personnel and/or pay any and all Equalization Division Personnel's wages, salaries, allowances, reimbursements, compensation, fringe benefits, or otherwise decide any and all such terms and conditions of employment and make any and all employment decisions that affect, in any way, the employment of any Equalization Division Personnel with the County, subject only to its applicable collective bargaining Contracts.
2.3.4.2. The County's sole and exclusive right, obligation, and responsibility to determine, establish, modify, or implement any and all operational policies, procedures, orders, rules, regulations, ethical guidelines, and/or any other judgment, policy or directive which, in any way, governs or controls any activity of any County Agent or Equalization Division Personnel, any necessary County Agent or Equalization Division Personnel's training standards or proficiency(ies), any level or amount of required supervision, any and all standards of performance, any sequence or manner of performance, and any level(s) of experience, training, or education required for any Equalization Division Personnel performing any County duty or obligation under the terms of this Contract.
2.3.5. The Municipality agrees that except as expressly provided for under the terms of this Contract and/or laws of this State, no County Agent or Equalization Division Personnel, while such person is currently and/or actively employed or otherwise remains on the payroll of the County as a County Agent shall be employed, utilized, or perform any other services, of any kind, directly or indirectly, in any manner or capacity, or otherwise be available to perform any other work or assignments by or for the Municipality during the term of this Contract. This section shall not prohibit the Municipality from employing any person who was a former County Agent but is no longer employed in that capacity by the County.
2.3.6. Except as otherwise expressly provided by the Contract and/or applicable State law, the Parties agree and warrant that neither the County, nor any County Agent, nor any Equalization Division Personnel, by virtue of this Contract or otherwise, shall be deemed, considered or claimed to be an employee of the Municipality and/or a Municipality Agent.
2.3.7. The Municipality shall not otherwise provide, furnish or assign any Equalization Division Personnel with any job instructions, job descriptions, job specifications, or job duties, or in any manner attempt to control, supervise, train, or direct any Personnel in the performance of any County's Equalization Division Assistance Services duty or obligation under the terms of this Contract.
2.4. LIMITS AND EXCLUSIONS ON COUNTY "SERVICES". Except as otherwise expressly provided for within this Contract, neither the County nor any County Agents shall be responsible for assisting or providing any other "Services " or
assistance to the Municipality or assume any additional responsibility for assisting the Municipality in any other way or manner with any Municipality obligations under any and all State Property Tax Laws, including, but not limited to, providing any attorney or legal representation to the Municipality or any Municipality Agent at any proceeding before the Michigan Tax Tribunal or any other adjudicative body or court, except as expressly provided for in this Contract.
2.4.1. The Municipality shall, at all times and under all circumstances, remain solely liable for any and all costs, legal obligations, and/or civil liabilities associated with or in any way related to any Municipality tax appraisal or assessment functions or any other Municipality legal obligation under any applicable State Property Tax Laws. The Municipality shall employ and retain its own Municipality legal representation, as necessary, to defend any such claim or challenge before the State Tax Tribunal or any other court or review body.
2.4.2. Except for those express statutory and/or regulatory obligations incumbent only upon licensed Equalization Division Personnel (i.e., State Licensed and Certified Real and/or Personal Property Tax Assessors) to defend property tax appraisals and assessments that they either performed, or were otherwise performed under their supervision, before the Michigan Tax Tribunal, the Parties agree that no other County Agents, including any County attorneys shall be authorized, required and/or otherwise obligated under this Contract or pursuant to any other agreement between the Parties to provide any legal representation to or for the Municipality and/or otherwise defend, challenge, contest, appeal, or argue on behalf of the Municipality before the Michigan Tax Tribunal or any other review body or court.
§3. TERM OF CONTRACT. The Parties agree that the term of this Contract shall begin on the effective date of this Contract, as otherwise provided herein, and shall end on June 30, 2019, without any further act or notice from either Party being required. Any and all County Services otherwise provided to the Municipality prior to the effective date of this Contract, shall be subject to the terms and conditions provided for herein.
§4. NO TRANSFER OF MUNICIPALITY LEGAL OBLIGATIONS TO COUNTY. Except as expressly provided for in this Contract, the Municipality agrees that this Contract does not, and is not intended to, transfer, delegate, or assign to the County, and/or any County Agent or Equalization Division Personnel any civil or legal responsibility, duty, obligation, duty of care, cost, legal obligation, or liability associated with any governmental function delegated and/or entrusted to the Municipality under any applicable State Property Tax Laws.
4.1. The Municipality shall, at all times and under all circumstances, remain solely liable for any and all costs, legal obligations, and/or civill liabilities associated with or in any way related to any Municipality tax appraisal or assessment functions or any other Municipality legal obligation. The Municipality agrees that under no circumstances shall the County be responsible for any costs, obligations, and/or civil liabilities associated with its Municipality function or any responsibility under any State Property Tax Law.
4.2. The Municipality shall not incur or create any debts, liens, liabilities or obligations for the County and shall take all necessary steps to ensure that any debts, liens, liabilities or obligations that the Municipality may incur shall not become a debt, liability, obligation or Claim(s) against the County.
4.3. The Parties agree that the Municipality shall at all times remain responsible for the ultimate completion of any and all Municipality duties or obligations under any and all applicable State Property Tax Laws. Nothing in this Contract shall relieve the Municipality of any Municipality duty or obligation under any applicable State Property Tax Law.
4.4. The Municipality and Municipality Agents shall be and remain responsible for compliance with all Federal, State, and local laws, ordinances, regulations, and agency requirements in any manner affecting any work or performance of this Contract or with any Municipality duty or obligation under any applicable State Property Tax Law.
§5. NO DELEGATION OR DIMINUTION OF ANY GOVERNMENTAL AUTHORITY. The Parties reserve to themselves any rights and obligations related to the provision of any and all of each Party's respective governmental services, authority, responsibilities, and obligations. Except as expressly provided otherwise herein, this Contract does not, and is not intended to, create, diminish, delegate, transfer, assign, divest, impair, or contravene any constitutional, statutory, and/or other legal right, privilege, power, civil or legal responsibility, obligation, duty of care, liability, capacity, immunity, authority or character of office of either Party to any other person or Party.
5.1. The Parties further agree, notwithstanding any other term or condition in this Contract, that no provision in this Contract is intended, nor shall it be construed, as a waiver of any governmental immunity, as provided by statute or applicable court decisions, by either Party, either for that Party and/or any of that Party's County or Municipal Agents.
5.2. Notwithstanding any other provision in this Contract, nothing in this Contract shall be deemed to, in any way, limit or prohibit the Oakland County Board of Commissioners statutory rights and obligations to review and/or further equalize Municipality property values or tax assessments and/or further act upon any Municipality assessment(s) of property taxes under any applicable State Property Tax Laws, including, but not limited to challenging any Municipality assessment before the Michigan Tax Tribunal.
§6. PAYMENT SCHEDULE. In consideration of the promises set forth in this Contract, the Municipality agrees to pay to the County: For the contract years 2016-2017, 2017-2018, and 2018-2019 the sum of $\$ 14.00$ each year for each real property description and $\$ 12.80$ each year for each personal property description rendered during the life of this Contract. Payment for the contract year 2016-2017 is payable on or before July 1, 2017, payment for the contract year 2017-2018 is payable on or before July 1, 2018 and payment for the contract year 2018-2019 is payable on or before July 1, 2019.
If during the term of this Contract, there are additional services requested of the County, the Parties shall negotiate additional fees to be paid by the Municipality.
6.1. All time incurred for Board of Review dates beyond the regular County working hours to be billed at the applicable Equalization Division personnel's overtime
rate and charged to the Municipality over and above any other fees described in this Contract, with the following exceptions:
6.1.1. One evening meeting as required by law under MCL § 211.30(3).
6.1.2. Dates requiring overtime set by the Municipality Charter.
6.2. The Municipality agrees to be responsible for postage on all personal property statements and personal property notices mailed relating to work performed under this Contract. The Municipality agrees to be responsible for all photographic supplies.
6.3. If the Municipality fails, for any reason, to pay the County any monies when and as due under this Contract, the Municipality agrees that unless expressly prohibited by law, the County or the County Treasurer, at their sole option, shall be entitled to a setoff from any other Municipality funds that are in the County's possession for any reason. Funds include but are not limited to the Delinquent Tax Revolving Fund ("DTRF"). Any setoff or retention of funds by the County shall be deemed a voluntary assignment of the amount by the Municipality to the County. The Municipality waives any claims against the County or its Officials for any acts related specifically to the County's offsetting or retaining such amounts. This paragraph shall not limit the Municipality's legal right to dispute whether the underlying amount retained by the County was actually due and owing under this Contract.
6.4. If the County chooses not to exercise its right to setoff or if any setoff is insufficient to fully pay the County any amounts due and owing the County under this Contract, the County shall have the right to charge up to the then-maximum legal interest on any unpaid amount. Interest charges shall be in addition to any other amounts due to the County under this Contract. Interest charges shall be calculated using the daily unpaid balance method and accumulate until all outstanding amounts and accumulated interest are fully paid.
6.5. Nothing in this Section shall operate to limit the County's right to pursue or exercise any other legal rights or remedies under this Contract against the Municipality to secure reimbursement of amounts due the County under this Contract. The remedies in this Section shall be available to the County on an ongoing and successive basis if Municipality at any time becomes delinquent in its payment. Notwithstanding any other term and condition in this Contract, if the County pursues any legal action in any court to secure its payment under this Contract, the Municipality agrees to pay all costs and expenses, including attorney's fees and court costs, incurred by the County in the collection of any amount owed by the Municipality.
6.6. Notwithstanding any other term or condition in this Contract, should the Municipality fail for any reason to timely pay the County the amounts required under this Contract, the Municipality agrees that the County may discontinue, upon thirty (30) days written notice to the Municipality, without any penalty or liability whatsoever, any County services or performance obligations under this Contract.
§7. LIABILITY. The Municipality further agrees that the County shall not be liable to the Municipality for any and all Claim(s), except as otherwise expressly provided for in this Contract.
7.1. The Parties agree that this Contract does not and is not intended to create or include any County warranty, promise, covenant or guaranty, either express or implied, of any kind or nature whatsoever in favor of the other Municipality, and/or any Municipality Agents, or any Municipality Taxpayer or any other person or entity, or that the County's efforts in the performance of any obligation under this Contract will result in any specific monetary benefit or efficiency, or increase in any tax revenue for the Municipality, or will result in any specific reduction or increase in any property assessment, or guarantee that any County services provided under this Contract will withstand any challenge before the State Tax Tribunal or any court or review body, or any other such performance-based outcome.
7.2. In the event of any alleged breach, wrongful termination, and/or any default of any term or condition of this Contract by either the County or any County Agent, the County and/or any County Agent shall not be liable to the Municipality for any indirect, incidental, special or consequential damages, including, but not limited to any replacement costs for County Services, any loss of income or revenue, and/or any failure by the Municipality to meet any Municipality obligation under any applicable State Property Tax Laws, or any other economic benefit or harm that the Municipality may have realized, but for any alleged breach, wrongful termination, default and/or cancellation of this Contract, or damages beyond or in excess of the amount(s) of any amount paid to, received or retained by the County at the time of the alleged breach or default in connection with or under the terms of this Contract, whether such alleged breach or default is alleged in an action in contract or tort and/or whether or not the Municipality has been advised of the possibility of such damages. This provision and this Contract is intended by the Parties to allocate the risks between the Parties, and the Parties agree that the allocation of each Party's efforts, costs, and obligations under this Contract reflect this allocation of each Party's risk and the limitations of liability as specified herein.
7.3. Notwithstanding any other provision in this Contract, with regard to any and all alleged losses, claims, complaints, demands for relief or damages, suits, causes of action, proceedings, judgments, deficiencies, liability, penalties, litigation costs and expenses, including, but not limited to, any reimbursement for reasonable attorney fees, witness fees, court costs, investigation and/or litigation expenses, any amounts paid in settlement, and/or any other amounts, liabilities of any kind whatsoever which are imposed on, incurred by, or asserted against the Municipality or any Municipality Agent by any third person, including but not limited to any Municipality Agent or Municipality Taxpayer, arising out of any activities or Services to be carried out by any County Agent in the performance of this Contract, the Municipality hereby agrees that it shall have no rights pursuant to or under this Contract against the County and/or any County Agents to or for any indemnification (i.e., contractually, legally, equitably, or by implication) contribution, subrogation, or other right to be reimbursed by the County and/or any of County Agents based upon any and all legal theories or alleged rights of
any kind, whether known or unknown, for any and all alleged losses, claims, complaints, demands for relief or damages, judgments, deficiencies, liability, penalties, litigation costs and expenses of any kind whatsoever which are imposed on, incurred by, or asserted against the Municipality and which are alleged to have arisen under or are in any way based or predicated upon this Contract.
7.4. If the Municipality requests and the County agrees, the County may prepare the actual tax statement for mailing by the Municipality to Municipality residents. In preparing any such tax statement the County shall rely upon certain data provided by the Municipality beyond the data gathered by the County under this Contract, including, but not limited to, the applicable millage rate. The parties agree that under no circumstances shall the County be held liable to the Municipality or any third party based upon any error in any tax statement due to information supplied by the Municipality to the County for such purposes.
§8. MUNICIPALITY AGENTS AND COOPERATION WITH THE COUNTY. The Municipality agrees that it shall be solely and exclusively responsible, during the term of this Contract, for guaranteeing that all Municipality Agents fully cooperate with Equalization Division Personnel in the performance of all County Services under this Contract. Likewise, the County agrees that it shall be solely and exclusively responsible, during the term of this Contract, for guaranteeing that all Equalization Division personnel fully cooperate with Municipality agents in the performance of all County Services under this Contract.
8.1. Municipality Agents shall be employed and assigned based on appropriate qualifications and other factors as decided by the Municipality. The Municipality agrees that it shall be solely responsible for furnishing all Municipality Agents with all job instructions, job descriptions and job specifications and shall solely control, direct, and supervise all Municipality Agents and shall be solely responsible for the means and manner in which Municipality's duties or obligations under any applicable State Property Tax Laws are satisfied.
8.2. The Municipality agrees that it shall be solely and completely liable for any and all Municipality Agents' past, present, or future wages, compensation, overtime wages, expenses, fringe benefits, pension or retirement benefits, travel expenses, mileage allowances, training expenses, transportation costs, and/or other allowances or reimbursements of any kind, including, but not limited to, workers' disability compensation benefits, unemployment compensation, Social Security Act protection(s) and benefits, any employment taxes, and/or any other statutory or contractual right or benefit based on or in any way related to any Municipality Agent's employment status or any alleged violation of any Municipality Agent's statutory, contractual (e.g., union, employment, or labor contract), constitutional, common law employment right, and/or civil rights by the Municipality. The Municipality agrees to indemnify and hold harmless the County from and against any and all Claim(s) which are imposed upon, incurred by, or asserted against the County or any County Agent by any Municipality Agent and/or which are based upon, result from, or arise from, or are in any way related to any Municipality Agent's wages, compensation, benefits, or other employmentrelated or based rights, including, but not limited to, those described in this section.

[^4]8.3. The Municipality agrees that no Municipality Agent shall, by virtue of this Contract or otherwise, be considered or claimed to be an employee of the County and/or a County Agent. This Contract does not grant or confer, and shall not be interpreted to grant or confer, upon any Municipality Agents or any other individual any status, privilege, right, or benefit of County employment or that of a County Agent.
8.4. The Municipality agrees to provide the County with information regarding any activity affecting the tax status of any parcel including but not limited to the following: Downtown Development Authorities, Redevelopment Plans, Tax Increment Financing Authorities. In addition, the municipality agrees to notify the County immediately of approval of any application for abatement or tax exemption.
8.5. The Municipality agrees to inform the County Agents regarding any increase in taxation which is governed by the Truth in Taxation Act. Further, the Municipality agrees to inform the County Agents regarding any millage increase (new) or renewal.
8.6. The Municipality will be responsible for Special Assessment billings, maintaining a paper trail of roll changes, maintaining the rolls in balance, and providing the Oakland County Equalization Division with the information necessary to prepare the warrant.
8.7. The Municipality agrees that its agents will perform the following functions:
8.7.1. Mechanically make name changes to Sidwell numbers on a monthly basis using the County's Computer terminals.
8.7.2. Provide a copy of all building permits with Sidwell numbers to the County's Equalization Division on a monthly basis.
8.7.3. Be responsible for the establishment, accuracy and compilation of all Special Assessment rolls in the Municipality.
8.7.4. Forward all exemption applications, transfer affidavits, personal property statements and any and all other documents affecting the status or value of property located within the Municipality to the County's Equalization Division in a timely manner.
8.7.5. Forward all information on splits and combinations after approval by the Municipality to the County's Equalization Division.
8.8. In the event that Municipality Agents, for whatever reason, fail or neglect to undertake the tasks in Section 8.7 above, the County's Equalization Division may perform these tasks and they shall be paid on a time and material basis. Such rate shall be based upon the wages plus benefits of the person or persons performing said tasks.
§9. INDEPENDENT CONTRACTOR. The Parties agree that at all times and for all purposes under the terms of this Contract, the County's and/or any and all County Agents' legal status and relationship to the Municipality shall be that of an Independent Contractor. Except as expressly provided herein, each Party will be solely responsible for the acts of its own employees, Agents, and servants during the term of this Contract. No liability,
right or benefits arising out of an employer/employee relationship, either express or implied, shall arise or accrue to either Party as a result of this Contract.
§10. COUNTY PRIORITIZATION OF COUNTY RESOURCES. The Municipality acknowledges and agrees that this Contract does not, and is not intended to, create either any absolute right in favor of the Municipality, or any correspondent absolute duty or obligation upon the County, to guarantee that any specific number(s) or classification of County Agents will be present on any given day to provide County services to the Municipality.
§11. INDEMNIFICATION. Each Party shall be responsible for any Claims made against that Party and for the acts of its Employees or Agents. In any Claims that may arise from the performance of this Contract, each Party shall seek its own legal representation and bear the costs associated with such representation including any attorney fees. Except as otherwise provided in this Contract, neither Party shall have any right under any legal principle to be indemnified by the other Party or any of its Employees or Agents in connection with any Claim. This Contract does not, and is not intended to, impair, divest, delegate or contravene any constitutional, statutory, and/or other legal right, privilege, power, obligation, duty, or immunity of the Parties. Nothing in this Contract shall be construed as a waiver of governmental immunity for either Party.
§12. CANCELLATION OR TERMINATION OF THIS CONTRACT. Except as follows, and notwithstanding any other term or provision in any other section of this Contract, either Party, upon a minimum of ninety (90) calendar days written notice to the other Party, may cancel and/or completely terminate this Contract for any reason, including convenience, without incurring any penalty, expense, or liability to the other Party. The effective date for any such termination is to be clearly stated in the notice.
12.1. At $5: 00$ p.m. on the effective date of the cancellation of this Contract all Municipality and/or County obligations under this Contract, except those rights and obligations expressly surviving cancellation as provided for in this Contract, shall end.
12.2. The Municipality agrees that any and all Municipality obligations, including, but not limited to, any and all indemnification and hold harmless promises, waivers of liability, record-keeping requirements, any Municipality payment obligations to the County, and/or any other related obligations provided for in this Contract with regard to any acts, occurrences, events, transactions, or Claim(s) either occurring or having their basis in any events or transactions that occurred before the cancellation or completion of this Contract, shall survive the cancellation or completion of this Contract.
§13. EFFECTIVE DATE CONTRACT APPROVAL, AND AMENDMENT. The Parties agree that this Contract, and/or any subsequent amendments thereto, shall not become effective prior to the approval by concurrent resolutions of both the Oakland County Board of Commissioners and the Governing Body of the City of Pleasant Ridge. The approval and terms of this Contract, and/or any possible subsequent amendments thereto, shall be entered in the official minutes and proceedings of both the Oakland County Board of Commissioners and the Governing Body of the City of Pleasant Ridge and shall also be filed with the office of the Clerk of the County and the Clerk for the City of Pleasant Ridge.
§14. The Parties agree that this Contract, and/or any possible subsequent amendments, shall be filed with the Michigan Secretary of State and this Contract, and/or any possible subsequent amendments, shall not become effective prior to this required filing with the Secretary of State.
14.1. The Parties agree that except as expressly provided herein, this Contract shall not be changed, supplemented, or amended, in any manner, except as provided for herein, and no other act, verbal representation, document, usage or custom shall be deemed to amend or modify this Contract in any manner.
§15. NO THIRD-PARTY BENEFICIARIES. Except as expressly provided herein for the benefit of the Parties (i.e., County or Municipality), this Contract does not, and is not intended to, create, by implication or otherwise, any direct or indirect obligation, duty, promise, benefit, right to be indemnified (i.e., contractually, legally, equitably, or by implication) and/or any right to be subrogated to any Party's rights in this Contract, and/or any other right of any kind, in favor of any person, including, but not limited to, any County Agent or Municipality Agent or any Municipality Taxpayer, any Taxpayer's legal representative, any organization, any alleged unnamed beneficiary or assignee, and/or any other person.
§16. CONSTRUED AS A WHOLE. The language of all parts of this Contract is intended to and, in all cases, shall be construed as a whole according to its fair meaning, and not construed strictly for or against any Party. As used in this Contract, the singular or plural number, possessive or nonpossessive shall be deemed to include the other whenever the context so suggests or requires.
§17. CAPTIONS. The section headings or titles and/or all section numbers contained in this Contract are intended for the convenience of the reader and not intended to have any substantive meaning and are not to be interpreted as part of this Contract.
§18. NOTICES. Except as otherwise expressly provided for herein, any and all correspondence, invoices, and/or any other written notices required, permitted or provided for under this Contract to be delivered to either Party shall be sent to that Party by first class mail. All such written notices, including any notice canceling or terminating this Contract as provided for herein, shall be sent to the other Party's signatory to this Contract, or that signatory's successor in office, at the addresses shown in this Contract. All correspondence or written notices shall be considered delivered to a Party as of the date that such notice is deposited with sufficient postage with the U.S. Postal Service.
§19. WAIVER OF BREACH. The waiver of a breach of any provision of this Contract shall not operate or be construed as a waiver of any subsequent breach. Each and every right, remedy and power granted to either Party or allowed it by law shall be cumulative and not exclusive of any other.
§20. ENTIRE CONTRACT. This Contract, consisting of a total of fourteen (14) pages, sets forth the entire agreement between the County and the Municipality and fully supersedes any and all prior agreements or understandings between them in any way related to the subject matter hereof. It is further understood and agreed that the terms and conditions herein are contractual and are not a mere recital and that there are no other agreements, understandings, contracts, or representations between the County and the Municipality in any way related to the subject matter hereof, except as expressly stated herein. This

Contract shall not be changed or supplemented orally and may be amended only as otherwise provided herein.

For and in consideration of the mutual assurances, promises, acknowledgments, warrants, representations, and agreements set forth in this Contract, and for other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the undersigned hereby execute this Contract on behalf of the Parties, and by doing so legally obligate and bind the Parties to the terms and conditions of this Contract.
IN WITNESS WHEREOF, Kurt Metzger, Mayor of the City of Pleasant Ridge hereby acknowledges that he has been authorized by a resolution of the Governing Body of the City of Pleasant Ridge, a certified copy of which is attached, to execute this Contract on behalf of the Municipality and hereby accepts and binds the City of Pleasant Ridge to the terms and conditions of this Contract.

EXECUTED:
Kurt Metzger, Mayor
City of Pleasant Ridge
WITNESSED:
Amy Drealan, Clerk
City of Pleasant Ridge

IN WITNESS WHEREOF, Michael J. Gingell, Chairperson, Oakland County Board of Commissioners, hereby acknowledges that he has been authorized by a resolution of the Oakland County Board of Commissioners, a certified copy of which is attached, to execute this Contract on behalf of the Oakland County, and hereby accepts and binds Oakland County to the terms and conditions of this Contract.

EXECUTED:
Michael J. Gingell, Chairperson
Oakland County Board of Commissioners

WITNESSED: $\qquad$
(Print Name)
County of Oakland
DATE: $\qquad$
DATE: $\qquad$
$\qquad$
DATE:


[^0]:    Mayor Kurt Metzger

[^1]:    I, Amy M. Drealan, do hereby attest that the foregoing is a true and accurate copy of a Resolution unanimously adopted by the Pleasant Ridge City Commission at its meeting held Tuesday, April 12, 2016.

[^2]:    ${ }^{1}$ Refer to the data tables in section 3.

[^3]:    CONTRACT FOR OAKLAND COUNTY EQUALIZATION DIVISION ASSISTANCE SERVICES WITH THE CITY OF PLEASANT RIDGE

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[^4]:    CONTRACT FOR OAKLAND COUNTY EQUALIZATION DIVISION ASSISTANCE SERVICES WITH THE CITY OF PLEASANT RIDGE

