



## **Streets, Public Utilities & Sewers Committee Agenda June 7, 2021 at 4:00 PM**

### **Streets, Public Utilities & Sewers Committee**

Ray Warren, Chair  
Richard Bardach  
Ben Hunt

### **Staff Liason**

Scot Lahrmer, Village Manager  
Wes Brown, Zoning and Project Administrator

### **MINUTES**

1. Approval of Minutes: April 27, 2021

### **TOPICS OF DISCUSSION**

1. Easements for the Duke Energy Electric Service Line Burial Project  
Twigwood Lane (south) to Fair Oaks Drive  
Twigwood Lane (north) to the Amberley Green property
2. 2021 Storm Water Program

### **ADJOURNMENT**

## **Amberley Village Council – Streets, Public Utilities, and Sewer Committee Minutes April 27 2021**

In Attendance (by Zoom conference due to Covid 19 outbreak): R. Warren (Chair), R. Bardach (Member), B. Hunt (Member) S. Lahrmer, T. Muething, E. Kamine, T. Chesney, W. Brown, R. Monahan, and J. Hull (resident)

The meeting was brought to order.

The minutes from the April 5, 2021 meeting were distributed. The minutes were accepted.

There were four items on the agenda.

**1. Brine System Replacement.** Mr. Chesney presented a review of the need to replace our current system. The current brine system is 10 years old. It has provided about 80,000 gallons of brine. The brine is used to pretreat streets prior to snowfall and improves the efficiency of salt usage. About 4000 gallons are used to treat the streets at a given time. Our current system has been showing wear and tear, i.e., replacement parts are difficult to acquire and the calibration system for making the correct brine solution has been inoperable. What is being proposed is a partial purchase of a new system. Parts of new system coupled with usable parts of our current system will be used to assemble a new and more efficient system. Eighty percent of the new system will be derived from this purchase. While we own this system we do allow other communities access, i.e., Sims Township. In return these communities provide in kind services to Amberley. The cost of the Cargill Accubrine Brine Maker (new parts and assembly) is \$53,282. This includes a trade-in for some of our current brine making parts. The quote we obtained was from Source Well, which is an open source private entity. This was found to be better than the State Bid process.

Mr. Warren made a motion to recommend that Council authorize the purchase of the Cargill Accubrine Brine Maker (new parts and assembly) at a cost of approximately \$53,300. Mr. Bardach seconded and the motion was approved 3-0.

**2. Rock Salt.** With the construction of our new salt barn a few years ago that increased our capacity to store salt (up to 1200 tons), coupled with light snow seasons, the Village has not needed to purchase a lot of salt, i.e., 500 tons or less. This past winter season saw the need for considerably more salt and we have now almost depleted our salt. We used over 1100 tons this past winter of which 1-2% was used for brine making. We anticipate the need to purchase a full complement of salt for our salt barn or ~1000 tons. As in past years we will be part of the Hamilton County bid process to get a best price. The bids will be received the end of April.

**3. Easements for the North Site and Elbrook Drive.** As part of the construction of the Lewis Animal Hospital at the North Site, easements from Village property need to be granted to bring new utilities to this new business. Easements are being granted to Duke for electric and gas lines and to Cincinnati Water for a water line. Separately and reported earlier, Duke is planning to replace above ground electric utilities with underground lines in the Elbrook-Meadowridge areas. This should improve the quality of life for our

residents by eliminating storm related blackouts. The easement relates to a small parcel that the Village owns along Elbrook that is in the line of this work.

Mr. Warren made a motion that Council grant the necessary 3 easements for the North Site work and the easement for the Elbrook work. Mr. Bardach seconded and the motion was approved 3-0.

**4. State of Ohio Process for Sound Walls for Ronald Reagan Highway.** At the prompting of Mr. Hall, a resident of Apple Ridge, Mr. Lahrmer and Brown looked into the mechanism of obtaining sound walls or sound abatement to reduce traffic noise penetration. As relevant to the Village, there is one of two conditions that initially must be met for the Ohio Department of Transportation (ODOT) to consider sound abatement. This includes (a) new road construction that includes road expansion and (b) homes that were built prior to new road construction. If these criteria are met a petition to ODOT can be created for the majority of interested citizens along a particular street(s) adjacent to the roadway. Meeting this criteria, ODOT would perform a sound analysis and if appropriate create a sound barrier. This could take the form of a berm (if there is adequate property) and/or a sound wall. Theoretically this would provide protection for the first couple rows of homes. Depending on where the sound walls are built this could interfere with sight lines of home owners and possibly create a sound reflection or rebound effect on homes opposite the sound wall. The Village determined that homeowners of some streets, e.g., Kentland, Patrisal, and Coolwood could be eligible to create a petition by virtue they were built prior to the Ronald Reagan expansion. Residents of Apple Ridge, from which Mr. Hull is a resident, could not be eligible since these homes were constructed after the highway expansion, however. Since there was possibly one resident from affected property that had expressed a noise complaint a few years ago, the Committee decided to take no immediate action.

There being no further business, the meeting was adjourned.

Chair: \_\_\_\_\_  
Ray Warren

**TO: Village Council**

**FROM: Scot F. Lahrmer, Village Manager**

**DATE:**

**RE: Authorizing Utility Easements**

**ITEM:** Resolution 2021-\*\*, Authorizing the Village Manager to Sign Utility Easements for Duke Energy Electric Service Line Burial Project

**ACTION REQUESTED:** By motion, adopt **Resolution 2021-\*\*** authorizing the Manager to grant the Utility Easements for the Duke Energy Electrical Line Burial Project on Elbrook Avenue.

**PURPOSE:** To grant the utility easements for the electric easement on Village-owned property on Twigwood Lane.

The Village received easement requests for the Duke Energy Electric Service Line Burial Project in the Elbrook Avenue area (north of Section Road).

The Duke Energy Electric Line Burial project in the Elbrook Avenue area was created in an attempt to improve the electric service of the area due to the number of power outages. The project is slated to move the overhead electric line in the rear yards to underground in the front yards of the properties along the following streets.

- Elbrook Avenue (north of Section)
- Royal Oak Court
- Laurel Oak Lane
- Twigwood Lane
- Larkfield Drive
- Fair Oaks Drive (north end of the street)
- Section Road (north side of the street, just east of Elbrook Avenue).

The easement will allow Duke Energy to install and maintain the new underground electric lines on Village-owned parcels on Twigwood Lane.

Parcel 526-0050-0059 - which extends from Twigwood Lane (south) to Fair Oaks Drive.  
Parcel 526-0050-0026 - which extends from Twigwood Lane (north) to the Amberley Green Property.

The utility easements were presented to and recommended by the Streets, Public Utilities, and Sewers Committee on June 7.

If you have any questions please let me know.

PASSED:  
BY:

RESOLUTION NO.

**RESOLUTION AUTHORIZING EASEMENTS TO DUKE ENERGY ELECTRIC  
SERVICE LINE BURIAL PROJECT**

**WHEREAS**, the Village received easement requests for the Duke Energy Electric Service Line Burial Project in the Elbrook Avenue area (north of Section Road),

**WHEREAS**, the Duke Energy Electric Line Burial Project is slated to move the overhead electric line in the rear yards to underground in the front yards of private properties in the Village and the easement will allow Duke Energy to install and maintain the new underground electric lines on Village-owned property on twigwood Lane (parcels 526-0050-0059 and parcel 526-0050-0026),

**WHEREAS**, the utility easements were presented to and recommended by the Streets, Public Utilities and Sewers Committee on June 7, 2021,

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF AMBERLEY VILLAGE, STATE OF OHIO**, seven (7) members elected thereto concurring:

**SECTION 1:** The Village Manager is authorized and directed to grant an easement to Duke Energy Ohio, Inc., substantially in the form as attached hereto and incorporated herein, conditioned on approval by the Village Solicitor, for the purpose of connecting necessary for the relocation, servicing, and maintenance of electrical lines in the Duke Energy Electric Service Line Burial Project in the Elbrook Avenue area.

**SECTION 2:** This Resolution shall take effect and be in force from and after the earliest period allowed by law.

Passed this \_\_\_\_\_ day of \_\_\_\_\_, 2021.

\_\_\_\_\_  
Mayor Thomas C. Muething

Attest:

\_\_\_\_\_  
Tammy Reasoner, Clerk of Council

Resolution Vote:

Moved: \_\_\_\_\_ Second: \_\_\_\_\_

I, Clerk of Council of Amberley Village, Ohio, certify that on the \_\_\_\_ day of \_\_\_\_\_ 2021, the foregoing Resolution was published pursuant to Article

IX of the Home Rule Charter by posting true copies of said Resolution at all of the places of public notice as designated by Sec. 31.40(B), Code of Ordinances.

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Tammy Reasoner, Clerk of Council

DRAFT

## Storm Water Utility Estimated Fund Balance

|                                                 | 2021 Estimate |
|-------------------------------------------------|---------------|
| Beginning of 2021 (as of January 1, 2021)       | \$201,861     |
| 2020 Carryover Encumbrances                     | \$0           |
|                                                 | \$201,861     |
| 2021 Encumbrances                               | (\$3,110)     |
| Pipe inspections for 2021 projects              | \$198,751     |
| 2021 HCSWD Annual Fee                           | (\$19,516)    |
| sub total                                       | \$179,235     |
| 2021 1st Quarter Deposit                        | \$53,375      |
| sub total                                       | \$232,610     |
| 2021 2nd Quarter Deposit                        | \$53,375      |
| sub total                                       | \$285,985     |
| 2021 Road Program (storm water portion)         | (\$61,343)    |
| sub total                                       | \$224,642     |
| *2021 Storm Water Program (estimated cost only) | (\$45,000)    |
| sub total                                       | \$179,642     |
| 2021 3rd Quarter Deposit                        | \$53,375      |
| sub total                                       | \$233,017     |
| 2021 4th Quarter Deposit                        | \$53,375      |
| sub total                                       | \$286,392     |
| AVMD Storm Water Charges                        | (\$15,000)    |
| sub total                                       | \$271,392     |
| *Interest from investments                      | \$1,500       |
| Estimated end balance                           | \$272,892     |

The Storm Water Utility is estimated to generate approximately \$213,500 annually

\* Estimate only, program has not been finalized

## **Storm Water Expenditures**

### **2020 Storm Water Expenditures - \$121,863.**

|          |                                                           |
|----------|-----------------------------------------------------------|
| \$57,348 | Adleta Construction, 2019 Storm Water Program encumbrance |
| \$8,950  | Catch basin and pipe repair at 2730 Section Road          |
| \$18,788 | 2019 Hamilton County Storm Water Fee                      |
| \$18,866 | 2020 Hamilton County Storm Water Fee                      |
| \$17,011 | AVMD 2020 Labor and material                              |

### **2021 Storm Water Program - \$36,447 to \$41,447.**

**\$15,000 to \$20,000**      6915 Section Road – Replace off set joint in the 15” storm pipe and install form liner in the entire 110’ of storm pipe under Section Road just west of Amberacres Drive.

**\$15,000**      7001 Knoll Road – Install form liner in the 15” storm water pipe under Knoll Road just north of Verger Lane.

**\$6,447**      3590 Sorrento Drive – Reconstruct catch basin and install underdrains to prevent pavement deterioration and to prevent icing of roadway and driveway within the Village storm water easement.

### **2021 Street Program storm water charges – \$61,343.**

- Section Road – no storm water improvements planned.
- Winding Way - drainage improvements to swales and catch basin repairs.
- Esther Drive - total curb replacement and catch basin repairs.
- Fair Acres Drive - drainage improvements – swale and catch basin repairs.

### **2021 Hamilton County Storm Water Fee – Estimated to be \$19,516.**

#### **Annual storm water charges**

**Storm water project within the street program** – Historically between \$90,000 and \$150,000.

**County NPDES annual fees** - Historically between \$18,000 and \$20,000.

**AVMD charges-** labor and materials charged for storm system maintenance and repair \$15,000 annually.

## **2022 Storm Water Anticipated Charges**

The total storm water charges for the 2022 Street Program are estimated to be \$489,350, including the following projects.

**North, South Farmcrest Drive and Portion of Kincaid Road** – Estimated \$469,000 for the reconstruction of the storm water infrastructure (catch basins, manholes and pipes) and 50% of the total curb replacement. The Village is receiving %70,909 in grants and loans from OPWC, MRF and WPCLF funding for the 2022 total reconstruction of North and South Farmcrest and a portion of Kincaid.

**2022-2023 Street Programs** – Estimated \$20,350 for curbing and catch basin repairs on Elbrook Avenue (south of Section, Bluegrass Lane and Meadow Ridge Lane, in conjunction with GCWW's water main project.

## **Future Projects**

**7801 Ridge Road** – Amberley Green Property, regrading of the south property line between the Amberley Green Garden and 3004 - 3008 Burning Tree, to redirect/control storm water runoff.

**3361-3381 Galbraith Road** - Replacement of approximately 233' of 36" concrete pipe due to separations of joints continuously causing sink holes in the easement.

**8415 Crestdale Court** - Reconstruction of the headwall and add wingwalls, due to the existing headwall separating/falling away from the pipe.

**6600-6700 Ridge Road** - Elimination of the combined sewer overflow into the creek (joint project between AV and MSD).

**7279-7300 Willow Brook Lane** - 12" storm pipe replacement from street to the creek, due to sink hole.

**Arborcrest Drive** - Regrade ditch lines and if possible, add catch basins and pipe to prevent ponding of water.

**Farm Acres Drive** – Reconstruct 12 storm water catch basin and replace the concrete slab top lids on 7 of the catch basins with 22B extensions with grates.

**3695 Gardner Avenue** – Installation of a storm water basins and pipe to prevent flooding from Thornton Drive in Silverton

**7860 Gwenwyn Drive** – Evaluate the storm water system in the Matson/Gwenwyn area from Deer Park to Rollman Estates Drive to determine if the system is of adequate size, due to flooding of the street and yards at 7860 and 7881 Gwenwyn Drive.

**3012 Section Road** – Evaluate the box culvert and replace or install a secondary overflow pipe under Section Road, to prevent storm water from flooding the roadway at the French Park exit.

**3012 Section Road** – Replace the headwall and 24” corrugated storm water pipe on the south side of Section Road near the French Park exist.

**6885 Fair Oaks Drive** – Evaluate the bridge west of Fair Oaks Drive for possible ways to improve flow in the creek to prevent storm water from flooding Fair Oaks Drive.

**Storm water catch basin repairs or replacement** – Evaluate, repair or replace catch basins throughout the Village at \$1,500 to \$2,000 each.

**Lansdowne Fire Lane** – Install concrete swale or extend the storm water pipe from Lansdowne Avenue to basin on Beechhollow Drive to prevent erosion along the edge of the fire lane.

**Ditch Line Rehabilitation** - Reestablishing ditch line on several streets throughout the Village.

#### **Maintenance Department Details and Projects**

Replacement of concrete slab tops on catch basin on various streets throughout the Village, this would involve reconstruction of some catch basins.

Various catch basin repairs/reconstructions throughout the Village.

Evaluation of the storm water infrastructure on the concrete base streets.

Clearing debris from storm water pipes, headwalls and catch basin.