

**CITY OF DELAWARE  
PUBLIC WORKS/PUBLIC UTILITIES  
COMMITTEE  
AGENDA  
CITY COUNCIL CHAMBERS  
1 S. SANDUSKY ST.  
7:00 P.M.**

REGULAR

May 5, 2015

1. ROLL CALL
2. APPROVAL of the Motion Summary for the meeting of the Public Works/Public Utilities Committee meeting held March 3, 2015, as recorded and transcribed
3. PUBLIC COMMENTS
4. PRESENTATION of SafeWalk Appeals
5. UPDATE on Public Utilities Projects and Activities
6. UPDATE on AMI Project Scope
7. DISCUSSION of Winter Mailbox Repair/Replacement Policy
8. UPDATE of 2015 Street Resurfacing Program
9. UPDATE on Curve Road Landfill Leachate Transfer Line Project
10. UPDATE of Citizen Concerns
11. STAFF COMMENTS
12. MEMBER COMMENTS
13. ADJOURNMENT

# ***ITEM 2***

**PUBLIC WORKS/PUBLIC UTILITIES COMMITTEE  
MOTION SUMMARY  
March 3, 2015**

1. ROLL CALL

Committee Members Present: Chairman Chris Jones and Mayor Carolyn Riggle

Committee Members Absent: Vice-Chairman Kent Shafer

Mayor Riggle moved to excuse Vice-Chairman Shafer, seconded by Chairman Jones and approved by a 2-0 vote.

Meeting called to order at 7:00 p.m. by Chairman Chris Jones.

Staff Present: Public Service Director Dan Whited, Water Manager Tom Hinson, Utility Maintenance and Project Manager Perry Mickley, Public Works Director Bill Ferrigno, Project Engineer Jessica Ormeroid, Project Manager Jeff Coleman, Utility Office Supervisor Kim Johnson and Customer Service Liaison Linda Mathews.

2. APPROVAL of the Motion Summary of the Public Works/Public Utilities Committee meeting held January 6, 2015, as recorded and transcribed.

Mayor Riggle moved to approve the Motion Summary of the meeting held January 6, 2015 as recorded and transcribed. Motion seconded by Chairman Jones and approved by a 2-0 vote.

3. PUBLIC COMMENTS

Matthew White, representing his grandfather of 341 N. Franklin St., requested some assistance with resolving an ice build-up resulting from sump pump discharge into the roadway from the property to the north of the identified address. Mr. White provided pictures of the build-up and indicated that his grandfather had fallen as a result of the build-up.

Staff will look at the concern and contact Mr. White to provide follow up options to resolve the concern.

4. SUMMARY and DISCUSSION of SafeWalk Program

Public Works Director provides a recap of the SafeWalk Program from inception through the present highlighting information that was distributed with the

agenda packet.

## 5. PRESENTATION of SafeWalk Appeals

Prior to the first appeal presentation, Chairman Jones provided a summary of how appeals are presented and the options that the Committee could issue following an appeal.

The first appeal was from Timothy Pollock for the property at 959 Wallace Dr. Mr Pollock purchased the property during the process period from identification to the work being completed. He felt that the previous owner was the individual that should be responsible for the cost of the repairs.

The appeal was placed on hold, during which time City representatives will make contact with the previous owner and or the title company to discuss the fact that this work was not disclosed during the closing for the purchase of the property.

The second appeal was for 201 Hawthorn Blvd and the property owner Joseph Yednock was present to make the appeal. He also assumed ownership during the process. He was present the day that the new sections were installed and his recollection of the condition of the tree roots in conjunction to the cause of the damage varied from the construction inspection notes.

Chairman Jones moved that the appeal be approved due to the differing opinions with the City being responsible for the cost of the improvements. Mayor Riggle seconded the motion and it was approved by a 2-0 vote.

The third appeal was for the properties at 121 and 125 W. Harrison St. The property owner, Michael Harter, who resides at 85 Limetree Dr., was present to present his appeal. Mr. Harter, based on the fact that he does not reside at either property, was not aware of the need to the improvements prior to receiving an invoice from the City. He would have made the repairs, at a reduced cost had he been aware of the need. He was also concerned with the damage to the newly installed sidewalk due to the turning and parking of vehicles at the intersection of S. Liberty St. and W. Harrison St. during discharge and pick up of students at Woodward Elementary School.

Chairman Jones moved to reduce the cost of the portion of the invoice Mr. Harter will be responsible to by 50% or to \$1,217.25. Motion seconded by Mayor Riggle and approved by a 2-0 vote.

Staff will also make contact with Mr. Harter with regard to options to remedy his concerns regarding the damage at the intersection.

Ross Sonnier of 195 Hawthorn Blvd was present to discuss repairs made at his property. He purchased the property in April 2014, and was unaware of the program.

Staff was not aware that this appeal would be presented, and therefore did not have all of the background information to make a presentation. This was placed on hold until the next meeting when information will be available for the committee.

6. UPDATE on AMR/AMI System

Public Service Director Dan Whited provided a summary recap of the information and presentation at the January meeting regarding the AMI/AMR System. He described the draft RFP that has been prepared and is currently under review. This will be refined and then be distributed to firms for proposals. The time frame for providing a recommendation is approximately six months.

7. PRESENTATION on W Central Ave/CSX Bridge

Project Engineer Jessica Omeroid presented a PowerPoint regarding the potential installation of an Over Height Vehicle Detection Warning System to assist with vehicular accidents at the W. Central Ave. CSX railroad overpass. The presentation explained the system, its operation, possible locations if installed, and the cost of the system. The City with working in conjunction with ODOT for possible funding of the system through a safety grant they offer.

Mayor Riggle moved to proceed with the submission of the grant application for funding for the installation. Chairman Jones seconded the motion and it was approved by a 2-0 vote.

8. UPDATE on Winter Snow and Ice Removal Activity

Public Works Director Bill Ferrigno provides a recap of snow removal activities that have occurred to date this season.

There was discussion with regard to a Snow Emergency designation to assist crews with removal of snow and also distribution of information to the public as to the method utilized when determining where snow removal commences when an event occurs.

9. STAFF COMMENTS

Mr. Whited thanked committee members and City Council for the support they provide to members of the Public Service group in executing their daily activities.

10. MEMBER COMMENTS

Mayor Riggle thanked staff for all of their efforts.

Chairman Jones inquired as to the date of the Employee Breakfast and felt that comments regarding snow removal activity would be appropriate during the event.

11. ADJOURNMENT

Mayor Riggle moved to adjourn and meeting was adjourned at 8:42 p.m.

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Chris Jones, Chairman

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Clerk

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Date

# ***ITEM 4***



CITY OF DELAWARE, OHIO  
PUBLIC WORKS DEPARTMENT

MEMORANDUM

SUBJECT: Safe Walks Appeal for 195 Hawthorn Dr.

DATE: 5/5/15

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Property evaluated on 8/15/13 and found to have 1 panel at approximately 25 sq. ft. deficient sidewalk.

Certified mailing sent to and received by Marcelo & Laurie Moraes of 195 Hawthorn Blvd.

Sidewalk maintenance agreement form returned on 11/10/13 with Laurie Moraes checking the "City Contractor Repair Option".

According to Delaware County Auditor's website, property sold on 4/4/14 Ross Sonnier.

Contractor completed the work on the property the week of 9/10/14.

Ross Sonnier was invoiced for 25 sq. ft., \$232.50.

Address on hold to appeals hearing.



City Of Delaware  
Department of Engineering Services

**SIDEWALK EVALUATION FORM**

Street Address: 195 Hawthorn Blvd. Date: 8/15/13  
 Property Owner Name & Mailing Address: Inspector: MLS/DEW

**Sections of Sidewalk to be Repaired at Property Owner Expense**

|                        |                  |          |                 |          |           |          |      |           |
|------------------------|------------------|----------|-----------------|----------|-----------|----------|------|-----------|
| <b>Walk</b>            | No. of Sections: | <u>1</u> | $\Sigma$ Length | <u>5</u> | Avg Width | <u>5</u> | = SF | <u>25</u> |
| <b>Driveway</b>        | No. of Sections: |          | $\Sigma$ Length |          | Avg Width |          | = SF |           |
| <b>Total Area (SF)</b> |                  |          |                 |          |           |          |      |           |

|                   |   |  |  |
|-------------------|---|--|--|
| <b>Deficiency</b> | <input checked="" type="checkbox"/> Trip Hazard >1/2" | <input type="checkbox"/> Cracked or Loose Section      | <input type="checkbox"/> Deteriorated Surface    |
|                   | <input type="checkbox"/> Tree Root Damage (Private)   | <input checked="" type="checkbox"/> Missing Section(s) | <input type="checkbox"/> Excessive Running Slope |
|                   | <input type="checkbox"/> Cross Slope >3/4"/FT         | <input type="checkbox"/> Negative Cross Slope          | <input type="checkbox"/> Open Joint >5/8"        |

Notes:

**Sections of Sidewalk to be Repaired at City Expense**

**Street Tree Root Damage**

|                 |                  |          |                 |          |           |          |      |           |
|-----------------|------------------|----------|-----------------|----------|-----------|----------|------|-----------|
| <b>Quantity</b> | No. of Sections: | <u>2</u> | $\Sigma$ Length | <u>5</u> | Avg Width | <u>5</u> | = SF | <u>50</u> |
|-----------------|------------------|----------|-----------------|----------|-----------|----------|------|-----------|

Notes:

**City Utility Damage**

|                 |                  |  |                 |  |           |  |      |  |
|-----------------|------------------|--|-----------------|--|-----------|--|------|--|
| <b>Quantity</b> | No. of Sections: |  | $\Sigma$ Length |  | Avg Width |  | = SF |  |
|-----------------|------------------|--|-----------------|--|-----------|--|------|--|

Notes:

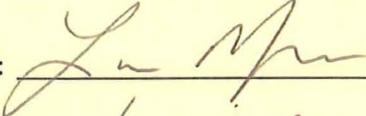
# SAFE WALKS PROGRAM

## Sidewalk Maintenance Agreement

Please Check One Option:

- Property Owner Repair Option** - I agree to complete the required sidewalk repairs on my property as marked with WHITE dots, by July 1, 2014. I understand that if I fail to complete the required work that the City will complete the repairs and I will be invoiced for the actual cost of those repairs.
- City Contractor Repair Option** - I agree to the identified sidewalk maintenance work as marked on my property by WHITE dots, and request that the City complete the repairs for me. I understand I will be invoiced for the actual cost of those repairs.
- Appeal Option** - I am appealing the requirement to complete the identified sidewalk repairs on my property as marked by WHITE dots, and request I be contacted by a city representative for further discussion.

Property Address: 195 HAWTHORN BLVD

Signed:  Date: 11-10-13  
Print: LAURIE MOGAES  
Telephone No: 740-602-1857  
E-mail: LAPISHOTTI@YAHOO.COM

Return to:

City of Delaware, Department of Engineering Services  
Attn: Safe Walks Program Manager  
20 East William Street  
Delaware, Ohio 43015

or by e-mail at: [dwright@delawareohio.net](mailto:dwright@delawareohio.net)



# ***ITEM 5***



**Public Works/Public Utilities Committee Meeting**  
**May 5, 2015**  
**7:00 P.M.**  
**City Council Chambers**

**UPDATE OF PUBLIC UTILITIES PROJECTS**

**1. Park Avenue 12" Water Line**

- 4,015 L.F. 12-inch C909 PVC water pipe & 6 fire hydrants from South Washington Street to Curtis Street.
- Engineer's Estimate - \$540,000
- Construction Bid - \$527,015
- Contractor – OURS Excavating, Mt. Gilead
- Construction Schedule – June 2015 to October 2015

**2. Blue Limestone Park Improvements**

- 1,043 square yards of Pervious Concrete & 3.9 acres of bio-retention and bio-swale areas.
- Engineer's estimate - \$457,850
- Construction Bid - \$390,789
- OEPA 319 Grant - \$186,534
- Contractor – Facemyer Company, Sunbury
- Construction Schedule – June 2015 to August 2015

**3. Sawmill Parkway/Innovation Court Water & Sewer Lines**

- Construction of 740 L.F. of 16" water pipe & 520 L.F. of 24" sanitary sewer on the Sawmill Parkway alignment and 915 L.F. of 8" water pipe & 985 L.F. of 8" sanitary sewer on Innovation Court.
- Engineer's Estimate - \$580,233
- Construction Bid - \$492,875
- Contractor – Trucco Construction Company, Delaware
- Construction Schedule – May 2015 to August 2015

**4. Bernard Avenue Storm Water Improvements**

- Design of 4,500 L.F. of new storm water pipe & 2,000 L.F. of storm water ditch improvements from South Liberty Street to Route 23 including sections of the OWU campus.
- Design Engineer – American Structurepoint
- Design Fee - \$99,327
- Estimated Construction Cost - \$715,000
- Construction Schedule – Fall 2015

5. **Wastewater Treatment Facility Aeration System Improvements**

- Design of new aeration system including new direct drive aeration tank blowers with dissolved oxygen monitoring and controls.
- Design Engineer – Strand Associates
- Design Fee - \$93,000
- Estimated Construction Cost - \$1,400,000
- Construction Schedule – 2016

# ***ITEM 7***

## Appendix B

### Winter Mailbox Repair or Replacement Guidelines

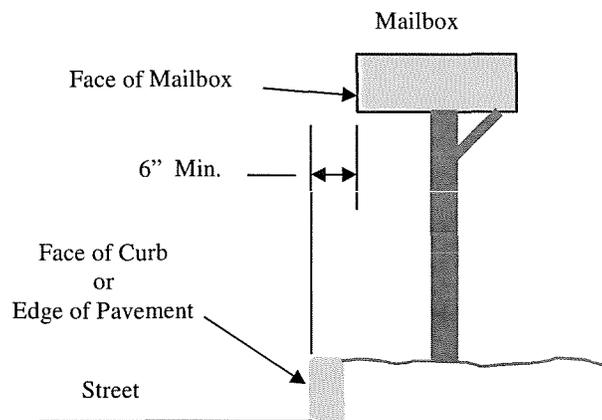
It is the property owner's responsibility to ensure a mailbox meets the following criteria:

- The mailbox's front face is a minimum of 6 inches behind the curb face.
- The wooden support post is sturdy with no cracks, rot or deterioration. Even cedar posts will deteriorate over time.
- Metal posts are free of rust or other signs of deterioration.
- Support hardware (brackets, hinges, bolts etc.) are not loose or rusted.

A properly maintained mailbox should be able to withstand the force of snow being plowed against it during normal plowing activities. The city will not be responsible for repair or replacement of mailboxes that fail to meet the referenced criteria. We suggest property owners perform a routine mailbox check-up every year.

#### What's the process if my mailbox has been damaged?

1. Contact the City of Delaware Ohio, Public Works Department @ 740-203-1810.
2. A work order is generated and a technician is sent out to inspect the mailbox and make temporary repairs if appropriate in order to receive mail. The actual timing to inspect the mailbox is somewhat dependent on the severity of ongoing winter weather event however the goal would be to address the issue within 24 hours of it being reported.
3. Following inspection a letter is sent to the property owner indicating the findings. If mailbox is found to be in conformance with the referenced criteria, a Proof of Loss Claim form will be included for the property owner to complete. The homeowner will be reimbursed for their cost in replacing the damaged mailbox.
4. If the mailbox was determined to be out of compliance with the referenced criteria, the letter will identify the specific reason(s) why. If a property owner wishes to challenge our findings, they may do so by completing a Proof of Loss form and submit it to the City of Delaware Department of Administrative Services. The City's insurance company will make a final determination based on the facts provided by both parties.



**Division:** STREET **Citizen:** TIM HARTER 740-816-2456  
525 ABLEMARLE CIRCLE  
**Category:** MAILBOX  
**Location:** 525 ABLEMARLE CIRCLE **Request Date:** 3/16/2015  
**Reference:** **Complete Date:** 3/30/2015  
**Attachments:** **Follow Up Date:**  
S:\PublicWks\PW Department\Administration\CSR\2015\March 1-March 31\March 16, 2015

**Request**

REPAIR MAILBOX THAT WAS DAMAGED DURING LAST SNOW REMOVAL

**Solution**

03/16/15- RESIDENT CALLED TO CHECK STATUS OF HIS MAILBOX. WAS STRUCK BY SNOW PLOW ON SUNDAY 03/01/15 IN THE EARLY EVENING HOURS. RESIDENT SAID HE SPOKE WITH THE DRIVER OF SNOW REMOVAL AND WAS TOLD IT WOULD BE REPORTED.

03/18/15 PW/HARDING & CRIST INSPECTED MAILBOX AND FOUND CEDAR SIDING & POST DAMAGED. TEMPORARY REPAIR MADE BY PUTTING SCREW BACK IN TO HOLD POST TOGETHER. SETBACK MEASURED AND PHOTOS TAKEN-SETBACKS ARE NOT MET. LETTER WILL NEED TO BE ISSUED.

03/30/15 LETTER PREPARED AND FORWARDED TO MR HARTER.

04/06/15 MRS HARTER CALLED TODAY, UNHAPPY THAT THE CITY WILL NOT BE REPLACING HER MAILBOX. MAILBOX IS IN THE SAME PLACE AS NEIGHBOR'S AND THE NEIGHBORS WAS REPLACED PREVIOUSLY. LSM INDICATED THAT THERE MAY HAVE BEEN OTHER CIRCUMSTANCES THAT CAUSED MAILBOX TO BE REPLACED AND SUGGESTED SUBMITTING CLAIM FORM FOR INSURANCE CARRIER TO MAKE A DETERMINATION. CITY HAS "HOSED" HER TWO TIMES AND "SHE'S DONE WITH IT" SO SHE IS GOING TO CONTACT THE ATTORNEY GENERAL. LSM EMAILED CMO/WALKER & SHULMAN WITH THIS PROPOSED ACTION.





525

705







## Mailbox Repair Check List

Address 525 Ablemarle

Picture Taken/Set Back Guides Included (stake at curb)

If On Cul-De-Sac: Is Mailbox Excessively Plowed In  Yes  No

Is Mailbox Knock Off Post  Yes  No

Description of Damage  Door

Cedar Siding Damage

Flag Missing

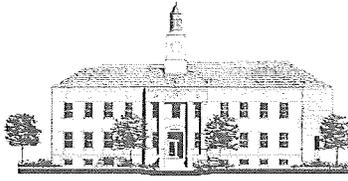
Post Damaged (Split or Cracked)

Describe Temporary Repair screw put back in to hold post together  
By home owner.

Cause of Damage  Weight of Snow

Setback Requirements Not Met

Negligence on Part of Staff



CITY OF DELAWARE

March 30, 2015

Mr. Tim Harter  
525 Ablemarle Cir  
Delaware, OH 43015

Dear Mr. Harter:

You recently contacted the City of Delaware regarding her concern that winter snow removal activities caused damage to the mailbox at your residence at 525 Ablemarle Cir. First, I apologize for the delay in responding to your concern. Staff members performed an inspection and found that a temporary repair had been made allowing you to receive mail. Photographs and measurements were taken and it was determined that the mailbox does not meet the necessary setbacks as required and no signs of negligence on the part of the operator were identified. The lack of proper setback, along with the weight of the snow as it was moved from the roadway into the tree lawn area are deemed to be contributing factors for the damage to the mailbox.

If however, you are not in agreement with this assessment, I have enclosed a Proof of Loss Claim Form that you may complete and submit regarding this reported damage. I have also enclosed a copy of the page contained within our Snow Removal Policy that outlines mailbox repairs and guidelines.

Please submit the completed form and all supporting documentation to:

Jacqueline Walker, Assistant City Manager  
City of Delaware Ohio  
1 South Sandusky Street  
Delaware, OH 43015

The completed Proof of Loss Claim Form and all supporting documentation submitted by you along with city staff reviews will be submitted to the City of Delaware's insurance carrier for review and determination.

If you have any questions or concerns regarding this process, please feel free to contact me at 740-203-1810.

Sincerely,

Linda Mathews  
Customer Service Liaison

cc: Jacqueline Walker, Assistant City Manager  
CSR file (15031626)

# ***ITEM 8***

**2015 PAVEMENT MAINTENANCE PROGRAM**  
**BID SCHEDULE**  
**BID NUMBER 13-15**

| Note: All Items are ODOT unless otherwise noted at City of Delaware (COD) or City of Columbus (COC) |          |   |       |      |       |          |            |      |
|---|----------|---|-------|------|-------|----------|------------|------|
| Ref No.   | ITEM     | DESCRIPTION   | QTY   | UNIT | LABOR | MATERIAL | UNIT PRICE | COST |
| <b>Base Bid - S. Sandusky (Belle Ave to William St)</b>   |          |   |       |      |       |          |            |      |
| 1   | 253      | Pavement Repair (6" spot, fill w/5" 301)                                | 1900  | SY   |       |          |            |      |
| 2   | 254      | Pavement Planing, Asphalt Concrete (1.5" depth full width)              | 33800 | SY   |       |          |            |      |
| 3   | 254      | Pavement Planing, Asphalt Concrete (2 ft. Wide Transitional Butt Joint) | 121   | SY   |       |          |            |      |
| 4   | SPEC     | Tack Coat, NTSS-1HM (0.08 Gal/SY)                                       | 2670  | GAL  |       |          |            |      |
| 5   | 423      | Crack Sealing, Type II  | 1000  | FT   |       |          |            |      |
| 6   | 448      | Asphalt Concrete Surface Course, Type 1, PG 64-22 (1.5" depth)          | 1480  | CY   |       |          |            |      |
| 7   | 614      | Maintenance of Traffic  | 1     | LS   |       |          |            |      |
| 8   | 630      | Ground Mounted Support, No. 3 Post                                      | 740   | FT   |       |          |            |      |
| 9   | 630      | Street Name Sign Support, As Per RDWD-36.0                              | 260   | FT   |       |          |            |      |
| 10  | 630      | Sign Flat Sheet   | 280   | SF   |       |          |            |      |
| 11  | 630      | Sign, Double Faced, Street Name   | 14    | EA   |       |          |            |      |
| 12  | 632      | Removal of Sign Only (Post to Remain)                                   | 21    | EA   |       |          |            |      |
| 13  | 632      | Removal of Ground Mounted Sign and Disposal                             | 57    | EA   |       |          |            |      |
| 14  | 632      | Detector Loop, As Per Plan  | 10    | EA   |       |          |            |      |
| 15  | 633      | Video Detection System, As Per Plan                                     | 4     | EA   |       |          |            |      |
| 16  | 644      | Edge Line, 4" White   | 0.106 | MI   |       |          |            |      |
| 17  | 644      | Lane Line, 5" Dashed White  | 1.117 | MI   |       |          |            |      |
| 18  | 644      | Center Line   | 1.769 | MI   |       |          |            |      |
| 19  | 644      | Channelizing Line, 10" White  | 720   | FT   |       |          |            |      |
| 20  | 644      | Stop Line   | 460   | FT   |       |          |            |      |
| 21  | 644      | Crosswalk Line (12" wide)   | 578   | FT   |       |          |            |      |
| 22  | 644      | Crosswalk Line (12" Diagonal Hatch)                                     | 2053  | FT   |       |          |            |      |
| 23  | 644      | Transverse/Diagonal Line, Yellow  | 210   | FT   |       |          |            |      |
| 24  | 644      | Handicap Symbol   | 1     | EA   |       |          |            |      |
| 25  | 644      | Bicycle Lane Marking Symbol   | 8     | EA   |       |          |            |      |
| 26  | 644      | Parking Lot Stall Marking   | 1635  | FT   |       |          |            |      |
| 27  | 644      | Lane Arrow  | 50    | EA   |       |          |            |      |
| <b>Base Bid - Olentangy Ave</b>   |          |   |       |      |       |          |            |      |
| 28  | 201      | Clearing and Grubbing   | 1     | LS   |       |          |            |      |
| 29  | 202      | Pavement Removed (Concrete)   | 113   | SY   |       |          |            |      |
| 30  | 202      | Pavement Removed  | 145   | SY   |       |          |            |      |
| 31  | 202      | Walk Removed  | 203   | SF   |       |          |            |      |
| 32  | 202      | Curb Removed  | 26    | LF   |       |          |            |      |
| 33  | 202      | Guard Rail Removed  | 203   | FT   |       |          |            |      |
| 34  | 203      | Excavation as per plan  | 17    | CY   |       |          |            |      |
| 35  | 203      | Embankment  | 453   | CY   |       |          |            |      |
| 36  | 204      | Subgrade Compaction   | 877   | SY   |       |          |            |      |
| 37  | 204      | Proof Rolling   | 4     | HR   |       |          |            |      |
| 38  | 207      | Filter Fabric Fence   | 530   | LF   |       |          |            |      |
| 39  | 207      | Inlet Protection (beaver dam)   | 4     | EA   |       |          |            |      |
| 40  | 254      | Pavement Planing, Asphalt Concrete (2" depth)                           | 2170  | SY   |       |          |            |      |
| 41  | 254      | Pavement Planing, Asphalt Concrete (8" depth)                           | 877   | SY   |       |          |            |      |
| 42  | 254      | Pavement Planing, Asphalt Concrete (2 ft. Wide Transitional Butt Joint) | 45    | SY   |       |          |            |      |
| 43  | 255      | Full Depth Pavement Sawing  | 95    | FT   |       |          |            |      |
| 44  | 301      | Asphalt Concrete Base, 4" Depth paved shoulder, As Per Plan             | 11    | CY   |       |          |            |      |
| 45  | 306      | Portland Cement Base (6" Thickness)                                     | 877   | SY   |       |          |            |      |
| 46  | 423      | Crack Sealing, Type II  | 200   | FT   |       |          |            |      |
| 47  | 448      | Asphalt Concrete Surface Course, Type 1, PG 64-22 (2" depth)            | 195   | CY   |       |          |            |      |
| 48  | 601      | Rock Channel Protection, Type C   | 4     | CY   |       |          |            |      |
| 49  | 604(COC) | Curb and Gutter Inlet   | 4     | EA   |       |          |            |      |
| 50  | 604(COC) | Head Wall   | 1     | EA   |       |          |            |      |
| 51  | 605      | 4" unclassified Pipe Underdrain   | 1020  | FT   |       |          |            |      |
| 52  | 607      | Fence, Wood (ODOT RM-5.2 Bikeway Railing)                               | 260   | FT   |       |          |            |      |
| 53  | 608      | Concrete Walk   | 3670  | SF   |       |          |            |      |
| 54  | 608      | Curb Ramp   | 400   | SF   |       |          |            |      |
| 55  | 609      | Combination Curb and Gutter   | 1020  | LF   |       |          |            |      |
| 56  | 614      | Maintenance of Traffic  | 1     | LS   |       |          |            |      |
| 57  | 623      | Construction Layout Stakes  | 1     | LS   |       |          |            |      |
| 58  | 625      | Conduit, 725.051, 2"  | 57    | FT   |       |          |            |      |
| 59  | 625      | Trench, As Per Plan   | 57    | FT   |       |          |            |      |
| 60  | 625      | Ground Rod  | 1     | EA   |       |          |            |      |
| 61  | 625      | Pull Box, 725.08, 18-inch   | 1     | EA   |       |          |            |      |
| 62  | 630      | Ground Mounted Support, No. 3 Post                                      | 130   | FT   |       |          |            |      |
| 63  | 630      | Street Name Sign Support, As Per RDWD-36.0                              | 16    | FT   |       |          |            |      |
| 64  | 630      | Sign Flat Sheet   | 30    | SF   |       |          |            |      |
| 65  | 630      | Removal of Ground Mounted Sign and Reerection                           | 4     | EA   |       |          |            |      |
| 66  | 630      | Removal of Ground Mounted Sign and Disposal                             | 4     | EA   |       |          |            |      |
| 67  | 630      | Removal of Sign Only and Disposal (Post to Remain)                      | 4     | EA   |       |          |            |      |
| 68  | 632      | Vehicular Signal head, Yellow, 3-Section, 8 inch, 1-way                 | 2     | EA   |       |          |            |      |
| 69  | 632      | Vehicular Signal head, Yellow, 3-Section, 8 inch, 3-way                 | 6     | EA   |       |          |            |      |
| 70  | 632      | Pedestrian Signal Head, LED, Countdown, Type D2, As Per Plan            | 8     | EA   |       |          |            |      |
| 71  | 632      | Pedestrian Pushbutton, As Per Plan                                      | 4     | EA   |       |          |            |      |
| 72  | 632      | Pedestal Foundation   | 1     | EA   |       |          |            |      |
| 73  | 632      | Pedestal, 11 Feet, Transformer Base, As Per Plan                        | 1     | EA   |       |          |            |      |
| 74  | 632      | Conduit Riser, 2 Inch, As Per Plan                                      | 1     | EA   |       |          |            |      |
| 75  | 632      | Messenger Wire, 7 Strand 3/8 inch                                       | 135   | FT   |       |          |            |      |
| 76  | 632      | Signal Cable, 2-Conductor, No. 14 AWG                                   | 675   | FT   |       |          |            |      |
| 77  | 632      | Signal Cable, 7-Conductor, No. 14 AWG                                   | 850   | FT   |       |          |            |      |
| 78  | 632      | Detector Loop   | 1     | EA   |       |          |            |      |
| 79  | 632      | Loop Detector Lead-in Cable   | 20    | FT   |       |          |            |      |
| 80  | 632      | Covering of Vehicular Signal Head                                       | 8     | EA   |       |          |            |      |
| 81  | 632      | Covering of Pedestrian Signal Installation                              | 8     | EA   |       |          |            |      |
| 82  | 632      | Removal of Traffic Signal Installation                                  | 1     | EA   |       |          |            |      |
| 83  | 644      | Edge Line, 4 inch   | 0.07  | MI   |       |          |            |      |
| 84  | 644      | Center Line   | 0.13  | MI   |       |          |            |      |
| 85  | 644      | Stop Line   | 100   | FT   |       |          |            |      |
| 86  | 644      | Crosswalk Line (12" Wide)   | 500   | FT   |       |          |            |      |

**2015 PAVEMENT MAINTENANCE PROGRAM**  
**BID SCHEDULE**  
**BID NUMBER 13-15**

|  |            |   |      |     |  |  |  |  |  |
|--|------------|---|------|-----|--|--|--|--|--|
| 87   | 659        | Seeding and Mulching, Class 1   | 350  | SY  |  |  |  |  |  |
| 88   | 901(COLS)  | 12" Storm Conduit   | 114  | LF  |  |  |  |  |  |
| 89   | SPEC       | Tack Coat, NTSS-1HM (0.08 Gal/SY)                                       | 245  | GAL |  |  |  |  |  |
| 90   | SPEC       | Reconst parking areas as per plan                                       | 150  | SY  |  |  |  |  |  |
| 91   | RDWD-10.0  | Commercial Driveway Approach as per plan                                | 195  | SY  |  |  |  |  |  |
| <b>Base Bid - Weiser Avenue</b>                                      |            |   |      |     |  |  |  |  |  |
| 92   | 253        | Pavement Repair (4" Depth)  | 200  | SY  |  |  |  |  |  |
| 93   | 253        | Continuous Pavement Edge Repair (6" Depth, 4' wide W/ 4.5" of 301)      | 725  | SY  |  |  |  |  |  |
| 94   | 254        | Pavement Planing, Asphalt Concrete (2 ft. Wide Transitional Butt Joint) | 11   | SY  |  |  |  |  |  |
| 95   | 254        | Pavement Planing, Asphalt Concrete (between edge repairs - 2" depth)    | 1535 | SY  |  |  |  |  |  |
| 96   | 423        | Crack Sealing, Type II  | 50   | FT  |  |  |  |  |  |
| 97   | 407        | Tack Coat, NTSS-1HM (0.08 GAL/SY)                                       | 181  | GAL |  |  |  |  |  |
| 98   | 448        | Asphalt Concrete Surface Course, Type 1, PG 64-22 (2" depth)            | 140  | CY  |  |  |  |  |  |
| 99   | 614        | Maintenance of Traffic  | 1    | LS  |  |  |  |  |  |
| 100  | 644        | Stop Line   | 24   | FT  |  |  |  |  |  |
| 101  | 644        | Crosswalk Line (12" Wide)   | 50   | FT  |  |  |  |  |  |
| 102  | 644        | Crosswalk Line (12" Wide Diagonal Hatch)                                | 103  | FT  |  |  |  |  |  |
| 103  | 1540 (COC) | Asphalt Rejuvenating Agent  | 2260 | SY  |  |  |  |  |  |
| <b>Base Bid - Pavement Repairs US 42/London Road Intersection</b>    |            |   |      |     |  |  |  |  |  |
| 104  | 254        | Pavement Planing, Asphalt Concrete (4.25" depth)                        | 1625 | SY  |  |  |  |  |  |
| 105  | 254        | Pavement Planing, Asphalt Concrete (2 ft. Wide Transitional Butt Joint) | 22   | SY  |  |  |  |  |  |
| 106  | 301        | Asphalt Concrete Base Course, (3" depth)                                | 140  | CY  |  |  |  |  |  |
| 107  | 407        | Tack Coat, NTSS-1HM (0.08 GAL/SY)                                       | 130  | GAL |  |  |  |  |  |
| 108  | 423        | Crack Sealing, Type II  | 330  | FT  |  |  |  |  |  |
| 109  | 448        | Asphalt Concrete Surface Course, Type 1, PG 64-22 (1.25" depth)         | 60   | CY  |  |  |  |  |  |
| 110  | 614        | Maintenance of Traffic  | 1    | LS  |  |  |  |  |  |
| 111  | 644        | Stop Line   | 25   | FT  |  |  |  |  |  |
| 112  | 644        | Channelizing Line   | 0.11 | MI  |  |  |  |  |  |
| 113  | 644        | Edge Line   | 0.07 | MI  |  |  |  |  |  |
| 114  | 644        | Lane Arrow  | 4    | EA  |  |  |  |  |  |
| <b>Base Bid - Base Repairs (William St and Central Ave)</b>          |            |   |      |     |  |  |  |  |  |
| 115  | 253        | Base Repair (10" Full Depth Asphalt)                                    | 5000 | SF  |  |  |  |  |  |
| 116  | 253        | Base Repair (10" composite asphalt/brick pavement)                      | 3000 | SF  |  |  |  |  |  |
| 117  | 185        | Total Project Mobilization  | 1    | LS  |  |  |  |  |  |
| <b>BASE BID TOTAL</b>  |            |   |      |     |  |  |  |  |  |
| <b>Additive Alternate No. 1 - Joy Avenue</b>                         |            |   |      |     |  |  |  |  |  |
| 118  | 185        | Mobilization  | 1    | LS  |  |  |  |  |  |
| 119  | 253        | Pavement Repair (4" Depth)  | 200  | SY  |  |  |  |  |  |
| 120  | 253        | Continuous Pavement Edge Repair (6" Depth, 4' wide W/ 4.5" of 301)      | 1750 | SY  |  |  |  |  |  |
| 121  | 254        | Pavement Planing, Asphalt Concrete (2 ft. Wide Transitional Butt Joint) | 35   | SY  |  |  |  |  |  |
| 122  | 254        | Pavement Planing, Asphalt Concrete (between edge repairs - 2" depth)    | 1920 | SY  |  |  |  |  |  |
| 123  | 423        | Crack Sealing, Type II  | 320  | FT  |  |  |  |  |  |
| 124  | 407        | Tack Coat, NTSS-1HM (0.08 GAL/SY)                                       | 294  | GAL |  |  |  |  |  |
| 125  | 448        | Asphalt Concrete Surface Course, Type 1, PG 64-22 (2" depth)            | 225  | CY  |  |  |  |  |  |
| 127  | 614        | Maintenance of Traffic  | 1    | LS  |  |  |  |  |  |
| 126  | 617        | Reconditioning of Shoulder  | 3950 | LF  |  |  |  |  |  |
| 128  | 644        | Stop Line   | 24   | FT  |  |  |  |  |  |
| 129  | 644        | Crosswalk Line (12" Wide)   | 114  | FT  |  |  |  |  |  |
| 130  | 1512 (COC) | Fiber Reinforced Bituminous Membrane, Interlayer Treatment Type B       | 3670 | SY  |  |  |  |  |  |
| 131  | 1540 (COC) | Asphalt Rejuvenating Agent  | 3670 | SY  |  |  |  |  |  |
| <b>Additive Alternate No. 2 - John Street</b>                        |            |   |      |     |  |  |  |  |  |
| 132  | 185        | Mobilization  | 1    | LS  |  |  |  |  |  |
| 133  | 254        | Pavement Planing, Asphalt Concrete (Full-Width - 3" depth)              | 1450 | SY  |  |  |  |  |  |
| 134  | 254        | Pavement Planing, Asphalt Concrete (2 ft. Wide Transitional Butt Joint) | 15   | SY  |  |  |  |  |  |
| 135  | 423        | Crack Sealing, Type II  | 64   | FT  |  |  |  |  |  |
| 136  | 301        | Asphalt Concrete Base Course, (3" depth)                                | 133  | CY  |  |  |  |  |  |
| 137  | 448        | Asphalt Concrete Surface Course, Type 1, PG 64-22 (1.25" depth)         | 60   | CY  |  |  |  |  |  |
| 138  | 407        | Tack Coat, NTSS-1HM (0.08 GAL/SY)                                       | 94   | GAL |  |  |  |  |  |
| 139  | 614        | Maintenance of Traffic  | 1    | LS  |  |  |  |  |  |
| 140  | 644        | Stop Line   | 8    | FT  |  |  |  |  |  |
| 141  | 1540 (COC) | Asphalt Rejuvenating Agent  | 1450 | SY  |  |  |  |  |  |
| <b>Additive Alternate No. 3 - King Ave.</b>                          |            |   |      |     |  |  |  |  |  |
| 142  | 185        | Mobilization  | 1    | LS  |  |  |  |  |  |
| 143  | 253        | Pavement Repair (3" depth)  | 38   | SY  |  |  |  |  |  |
| 144  | 254        | Pavement Planing, Asphalt Concrete (Full-Width - 1.5" depth)            | 765  | SY  |  |  |  |  |  |
| 145  | 254        | Pavement Planing, Asphalt Concrete (2 ft. Wide Transitional Butt Joint) | 14   | SY  |  |  |  |  |  |
| 146  | 423        | Crack Sealing, Type II  | 60   | FT  |  |  |  |  |  |
| 147  | 448        | Asphalt Concrete Surface Course, Type 1, PG 64-22 (1.5" depth)          | 32   | CY  |  |  |  |  |  |
| 148  | 448        | Asph. Conc. Surf. Course, Type 1, PG 64-22, as approved by Engineer     | 3    | CY  |  |  |  |  |  |
| 149  | 407        | Tack Coat, NTSS-1HM (0.08 GAL/SY)                                       | 62   | GAL |  |  |  |  |  |
| 150  | 614        | Maintenance of Traffic  | 1    | LS  |  |  |  |  |  |
| 151  | 644        | Stop Line   | 24   | FT  |  |  |  |  |  |
| 152  | 644        | Crosswalk Line (12" Wide)   | 60   | FT  |  |  |  |  |  |
| 153  | 1540 (COC) | Asphalt Rejuvenating Agent  | 765  | SY  |  |  |  |  |  |
| <b>Additive Alternate No. 4 - Repairs US 23/ Central Ave On Ramp</b> |            |   |      |     |  |  |  |  |  |
| 154  | 185        | Mobilization  | 1    | LS  |  |  |  |  |  |
| 155  | 202        | Pavement Removal  | 245  | SY  |  |  |  |  |  |
| 156  | 203        | Excavation  | 40   | CY  |  |  |  |  |  |
| 157  | 204        | Subgrade Compaction   | 245  | SY  |  |  |  |  |  |
| 158  | 304        | Aggregate base  | 40   | CY  |  |  |  |  |  |
| 159  | 451        | 9" Concrete Pavement Class C  | 245  | SY  |  |  |  |  |  |

2015 PAVEMENT MAINTENANCE PROGRAM  
 BID SCHEDULE  
 BID NUMBER 13-15

|     |     |  |    |    |  |  |  |  |  |
|-----|-----|--|----|----|--|--|--|--|--|
| 160 | 614 | Maintenance of Traffic                       | 1  | LS |  |  |  |  |  |
|     |     | <b>Additive Alternate No. 5 Sandusky st.</b> |    |    |  |  |  |  |  |
| 161 | 644 | Shared Lane Marking (sharrows)               | 25 | EA |  |  |  |  |  |

# ***ITEM 10***



## MEMORANDUM

TO: Public Works/Public Utilities Committee Members  
FROM: Linda Mathews, Customer Service Liaison  
DATE: 04/22/2015  
RE: 341 North Franklin Street-Citizen Concern

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At the March 3, 2015, Public Works/Public Utilities Committee meeting Matthew White, representing his grandfather of 341 N. Franklin St., spoke with regard to sump pump discharge from the residence to the north of 353 N Franklin St. (that address is 341 N. Franklin St.) and the resulting ice build-up in the roadway. He provide pictures showing the ice accumulation which caused his grandfather to fall and injure himself resulting in hospital and rehabilitation stays. He requested that the situation be inspected and asked for a resolution if possible.

On March 22, 2015, staff from Public Works, Public Utilities and Planning and Community Development met on site to assess the conditions and determine if any remedy was possible to prevent ice from building up in the street during the wintertime. An outlet in the curbing was identified with significant water being discharged at times. The water was flowing downhill based on topography of the area. Pictures of the conditions were also obtained. There were piles of snow and some ice underneath observed in front of 341 N Franklin St. It was determined that the discharge should be tested to insure that there was no water service leak contributing to the flow and resulting icing conditions.

On April 3, 2015, Public Utilities staff tested the discharge and found it to contain no chlorine in it and the fluoride level was the same as in river water. The service line was quiet as well, confirming no service line leak.

The discharge method being utilized in this location is as prescribed in the City's ordinances. The severe and extended frigid conditions this winter, combined with the amount of snowfall that was removed from the roadway and placed in the tree lawn area are all considered contributing factors to the resulting ice build-up in the roadway. Similar conditions were noted throughout the City during the past winter season months.

Based on these factors, there is nothing specific that can be undertaken to prevent similar conditions in the future.

**Division:** CSL **Citizen:** MATTHEW WHITE 740-369-3545  
341 N FRANKLIN ST  
**Category:** SPECIAL PROJECT  
**Location:** 353 N FRANKLIN ST **Request Date:** 3/9/2015  
**Reference:** **Complete Date:** 4/24/2015  
**Attachments:** **Follow Up Date:**  
S:\PublicWks\PW Department\Administration\CSR\2015\March 1-March 31\March 9, 2015

**Request**

INVESTIGATE FOR REMEDY TO ICE FORMING FROM SUMP PUMP DISCHARGE

**Solution**

ALTERNATE CONTACT # IS 740-972-1076.

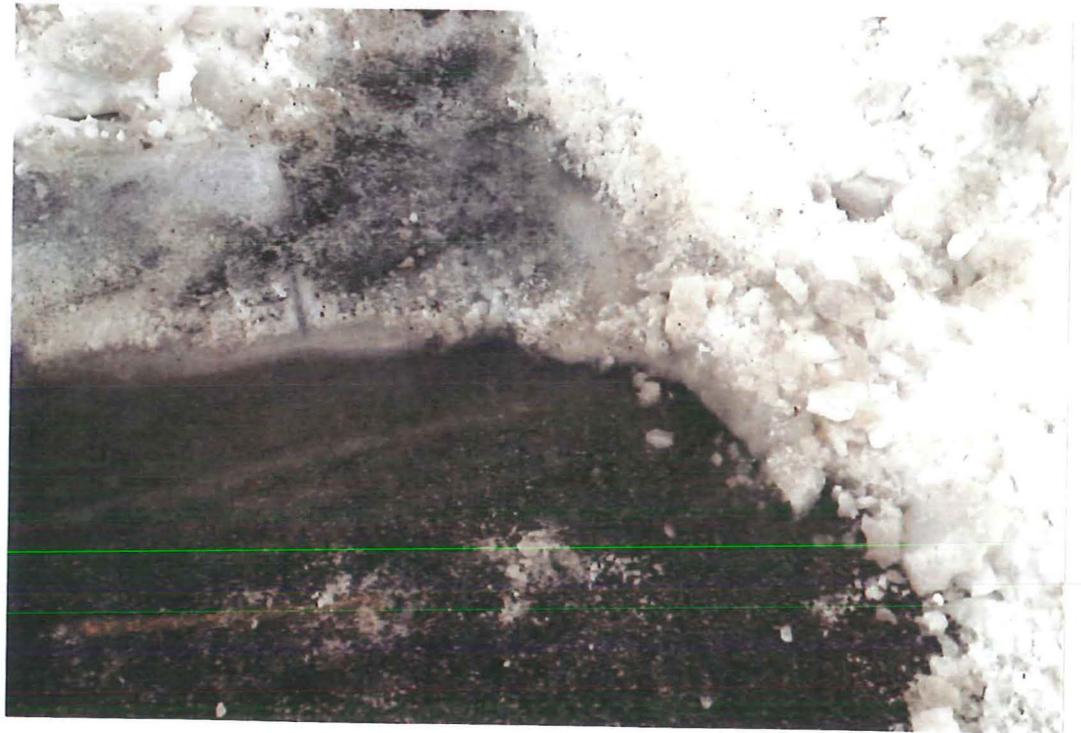
ONSITE MEETING INVITATIONS SENT TO PCD/WARNER, PU/MICKELY AND PW/DUKES & FERRIGNO TO INSPECT AND DETERMINE WHAT, IF ANY REMEDIES COULD BE UNDERTAKEN TO ASSIST WITH THE DRAINAGE/ICE FORMATION.

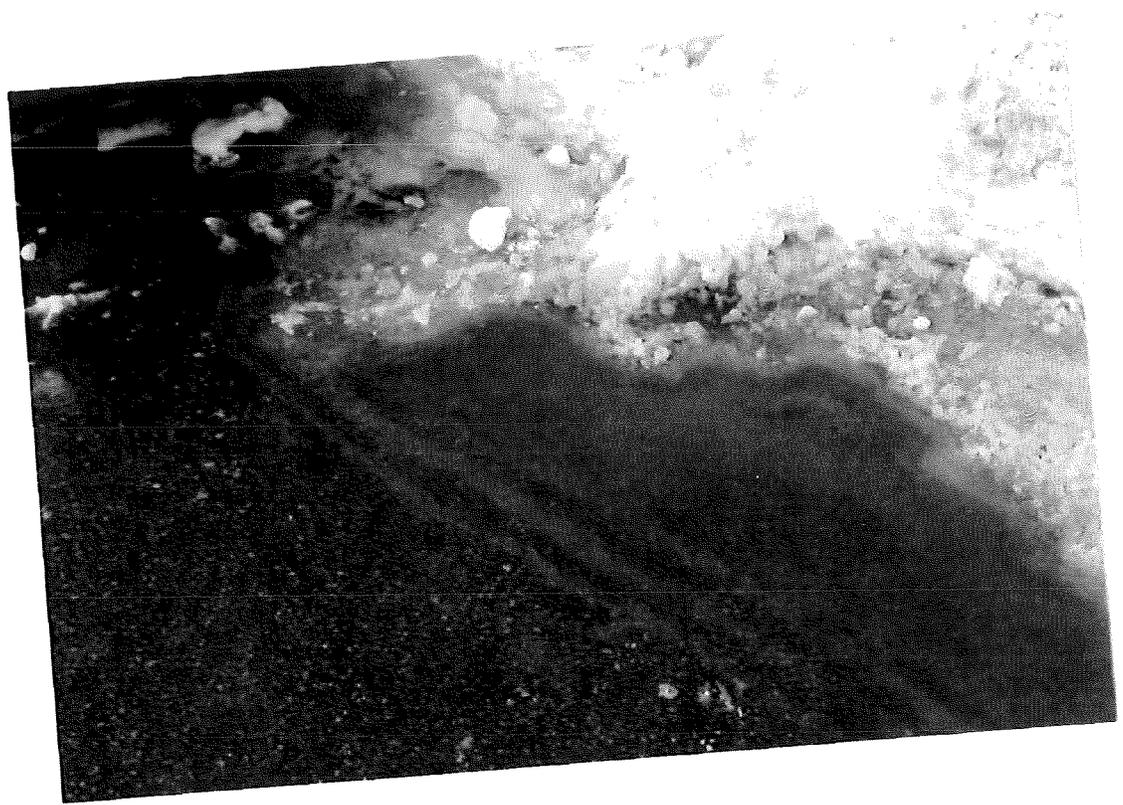
03/11/15 PW/DUKES, CRIST & MATHEWS ALONG WITH PCD/WARNER AND PU/MICKLEY MET ONSITE AND DISCUSSED THE DISCHARGE FROM THE SUMP PUMP. PICTURES OF THE PIPE IN CURB AND DOWNSLOPE SHOT OF DRAINAGE TAKEN AND PLACED ON FILE. PU/MICKLEY WILL HAVE THE DISCHARGE CHECKED TO INSURE THAT THERE IS NOT A WATER LEAK ASSOCIATED WITH THE SIGNIFICANT DISCHARGE THAT WAS OBSERVED DURING PART OF THE TIME STAFF WAS THERE. IF THERE IS NOT A LEAK, THE METHOD THAT IS PRESCRIBED IN CITY ORDINANCES IS AS IT IS BEING DONE AND THERE IS NOTHING THAT THE CITY CAN MANDATE THE PROPERTY OWNERS DO TO ALLEVIATE THE DRAINAGE. THE AMOUNT OF SNOW RETAINED IN THE TREE LAWN AREA THIS SEASON ALONG WITH THE PROLONGED BELOW ZERO TEMPERATURES CREATED AN ICING CONDITION THAT WAS OBSERVED IN MANY OTHER LOCATIONS THOUGHOUT TOWN.

04/03/15 PU STAFF TESTED THE DISCHARGE WATER AND FOUND NO CHLORINE IN IT, FLORIDE IS THE SAME AS THE RIVER WATER. THE SERVICE LINE ITSELF IS QUIET INDICATING NO SERVICE LEAK.

04/21/15 MEMORANDUM PREPARED BY LSM FOR THE PUBLIC WORKS/PUBLIC UTILITIES COMMITTEE. AFTER REVIEW BY PW/FERRIGNO, MR WHITE WILL BE CONTACTED REGARDING THE FINDINGS AND DETERMINATIONS.

04/24/15 LSM ATTEMPTED TO CONTACT MR WHITE USING ALTERNATE NUMBER AND IT WAS NOT A WORKING NUMBER. USING THE INITIAL CONTACT NUMBER, LSM REACHED MR WHITE AND DISCUSSED THE FINDING WITH HIM.









# ***ITEM 11***

## Linda Mathews

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**From:** Linda Mathews  
**Sent:** Friday, April 24, 2015 8:20 AM  
**To:** Terry Davenport; Joe Bullis; Bill Ferrigno; Dan Whited  
**Subject:** Atta Boy

I just took a call from a resident on Cottswold Dr-she wanted to let us know that the yardwaste crew "went above and beyond" to assist her struggling husband with today's yardwaste collection. The resident was struggling to get it out to the street and the staff went up and helped him with it.

*Linda Mathews  
Customer Service Liaison  
Public Works Department  
440 E. William St.  
Delaware, OH 43015  
740-203-1810  
740-203-1899 Fax*

