

Onondaga County Legislature

MICHAEL E. PLOCHOCKI

County Legislator – 6TH District

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Marcellus, New York 13108

Legislature (315) 435-2070

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ENVIRONMENTAL PROTECTION COMMITTEE AGENDA

**9:00 a.m.
November 9, 2016**

**401 Montgomery St., Room 407 Court House
Syracuse, New York 13202**

- A. READING OF THE MINUTES OF THE PROCEEDINGS OF THE PREVIOUS COMMITTEE (UNLESS WAIVED)
- B. APPROVAL OF THE MINUTES OF THE PROCEEDINGS OF THE PREVIOUS COMMITTEE
- C. PRESENTATION OF RESOLUTIONS AND LOCAL LAWS:
 - 1. REGION 7 FISH AND WILDLIFE BOARD:
 - a. Confirming Appointment to the Region 7 Fish and Wildlife Management Board (Stephen Wowelko)
 - 2. OFFICE OF ENVIRONMENT:
 - a. A Resolution Authorizing an Ash Tree Management Program, in and for the County of Onondaga, New York, at a Maximum Estimated Cost of \$750,000 and Authorizing the Issuance of \$750,000 Bonds of Said County to Pay Costs Thereof (\$750,000)
 - 3. WATER ENVIRONMENT PROTECTION:
 - a. Transfer from Water Environment Protection, Account 694130 Maintenance, Utilities, Rents, to Water Environment Protection, Account 694010 Travel/Training, \$26,500
 - b. A Resolution Amending the Scope of the West Side Pump Station Project to Include Sewer Infrastructure Upgrades Located in the Village of Solvay and Approving an Increase in the Maximum Estimated Cost (\$1,239,444)
 - c. Authorizing Acceptance of Grant Funds from the New York State Environmental Facilities Corporation and Authorizing Execution of Grant Agreements to Implement the Intent of this Resolution (\$1,239,444)
 - d. Authorizing the Execution of Agreements with the Village of Solvay to Upgrade Sewer Infrastructure Located in the Village of Solvay for the West Side Pump Station Project (\$1,239,444)

- e. A Resolution Calling a Public Hearing in Connection with Proposed Improvements for the Harbor Brook Drainage District (800,000)
- f. A Resolution Calling a Public Hearing in Connection with Proposed Improvements for the Onondaga County Sanitary District for the Orchard Wastewater Treatment Plant (\$950,000)
- g. A Resolution Calling a Public Hearing for the Purpose of Considering an Increase in the Estimated Maximum Cost of Proposed Improvements for the Baldwinsville Treatment Plant Improvements (\$1,800,000)
- h. A Resolution Calling a Public Hearing for the Purpose of Considering an Increase in the Estimated Maximum Cost of Proposed Improvements for the Metro Wastewater Treatment Plant Improvements (\$21,355,000)
- i. A Resolution Calling a Public Hearing in Connection with Proposed Improvements for the Bear Trap Ley Creek Drainage District (\$130,000)
- j. A Resolution Calling a Public Hearing in Connection with Proposed Improvements for the Onondaga County Sanitary District for the Meadowbrook Limestone Wastewater Treatment Plant (\$11,725,000)
- k. A Resolution Calling a Public Hearing in Connection with Proposed Improvements for the Onondaga County Sanitary District Regarding the Camillus Force Main Replacement Project (\$2,000,000)

D. ADJOURNMENT

la.

December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

CONFIRMING APPOINTMENT TO THE REGION 7 FISH AND WILDLIFE MANAGEMENT BOARD

WHEREAS, Joanne M. Mahoney, Onondaga County Executive, has duly appointed and designated, pursuant to the New York State Fish and Wildlife Management Act and Section 11 – 0501 of the Environmental Conservation Law, subject to confirmation by the Onondaga County Legislature, the following individual to serve as a member of the Region 7 Fish and Wildlife Management Board:

APPOINTMENT:

Stephen Wowelko
5829 Augsburg Circle
East Syracuse, NY 13057-3050

TERM EXPIRES:

December 31, 2017

now, therefore be it

RESOLVED, that the Onondaga County Legislature does hereby confirm the appointment of the above individual to serve as member of the Region 7 Fish and Wildlife Management Board for the term specified above or until subsequent action by the County Executive.

KMB
Fish&Wildl.docx
dak

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LEGISLATURE



1a

County of Onondaga
Office of the County Executive

John H. Mulroy Civic Center, 14th Floor
421 Montgomery Street, Syracuse, New York 13202

Phone: 315.435.3516 Fax: 315.435.8582

www.ongov.net

Joanne M. Mahoney
County Executive

Ann Rooney
Deputy County Executive, Human Services

William P. Fisher
Deputy County Executive

Mary Beth Primo
Deputy County Executive, Physical Services

October 24, 2016

TO THE HONORABLE MEMBERS OF THE ONONDAGA COUNTY LEGISLATURE:

Pursuant to the New York State Fish and Wildlife Management Act, Section 11-0501 of the Fish and Wildlife Law, I have appointed, subject to confirmation of the County Legislature, the following individual as a member of the Region 7 Fish and Wildlife Management Board:

APPOINTMENT

Stephen Wowelko
5829 Augsburg Circle
East Syracuse, NY 13057-3050

TERM EXPIRES

December 31, 2017

Mr. Wowelko has been recommended to serve as the sportsmen's representative by the Onondaga County Federation of Sportsmen's Clubs.

Your confirmation of this appointment would be greatly appreciated.

Sincerely,

Joanne M. Mahoney
County Executive

cc: Hon. Michael Plochocki, Chair, Environmental Protection Committee
Lori Tarolli, Esq., Law Department
Debbie Maturo, County Legislature

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1a.

Stephen Wowelko, EDP
5829 Augsburg Circle, East Syracuse, New York 13057-3050
e-mail: wowelko@juno.com
Phone (315) 506-2117
(315) 656-9358

Work Experience:

Advanced Function Printing –
Application Design and Education
Consultant
June, 1993 to present

Syracuse University
Information Technology Services
December, 1980 to present
Current Title: Information Technology Consultant

Education: Le Moyne Collège
Syracuse, New York
Bachelor of Science - Biology
May, 1980

Fish and Wildlife Related Activities:

2008-present – President Onondaga County Federation of Sportsmen's Clubs.

2001-2009, R7 DEC Fish and Wildlife Management Board, 2009 - Chairman,
sportsman's representative for Onondaga County.

2010 - Inducted into the New York State Outdoorsman Hall of Fame, currently
serving as 2nd Vice-President on its Board of Directors.

2008 - Citizens Task Force on Deer Management for DEC Region 7F.

1998-present, Friends of the Carpenter's Brook Fish Hatchery, President for 9
years, currently serving as VP. Raising over \$350,000 for the hatchery.

2005-present, Sportsmen's Days at Carpenter's Brook Fish Hatchery, chairman.

2009 - Named as one of the Post Standard's Heroes of Conservation.

2010-present, New York State Conservation Council, Resolution Committee,
chairman.

Various volunteer activities including: pheasant rearing facility at Jamesville
Correctional Facility, Lion's Camp Hickory Diabetes Camp – fishing program,
WIN – Women in Nature Committee, Volunteer, DEC Family Fishing Clinic,
Working with inner city kids from the Salvation Army Barnabas Center –
teaching children how to fish.



1a.

Onondaga County Federation of Sportsmen's Clubs

County of Onondaga
Joanne M. Mahoney
Office of the County Executive
John H. Mulroy Civic Center 14th Floor
421 Montgomery Street,
Syracuse, New York 13202

December 7, 2015

Subject: Onondaga County Sportsmen's representative to the Region 7 Fish and Wildlife Management Board

Dear Joanne Mahoney;

At the end of 2015, my term as the alternate sportsmen's representative for our county on the DEC Region 7 Fish and Wildlife Management Board (FWMB) expires. Earlier this year, Michael Cusano had stepped down as the primary delegate and I took over being our delegate.

The procedure for appointing a sportsmen's representative for our county starts with a recommendation from the Onondaga County Federation of Sportsmen's Clubs (OCFSC) to our County Executive. The County Executive then presents the appointment to the County Legislature which confirms it.

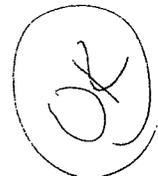
On October 5, 2015, the Board of Directors of the OCFSC voted to recommend Stephen Wowelko to continue another term as the Sportsmen's Representative for Onondaga County to the R7 FWMB. They also voted to recommend David Simmons as the alternate representative.

Stephen Wowelko was selected as vice-chairman of the R7 FWMB this year. The board felt that Wowelko's commitment to the outdoor sports and involvement in various sportsmen's organizations makes him a prime candidate to continue to represent the sportsmen of our county on this board. David Simmons is currently serving as president of the Onondaga County Federation of Sportsmen's Clubs. Both Wowelko and Simmons have been inducted into the New York State Outdoorsmen Hall of Fame.

Please consider Stephen Wowelko and David Simmons when making your appointments to these positions.

Sincerely,

Stephen Wowelko
Director, Onondaga County Federation of Sportsmen's Clubs
Alternate Sportsmen's Delegate for Onondaga County, R7 FWMB



2a.

December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

BOND RESOLUTION

A RESOLUTION AUTHORIZING AN ASH TREE MANAGEMENT PROGRAM, IN AND FOR THE COUNTY OF ONONDAGA, NEW YORK, AT A MAXIMUM ESTIMATED COST OF \$750,000 AND AUTHORIZING THE ISSUANCE OF \$750,000 BONDS OF SAID COUNTY TO PAY COSTS THEREOF.

BE IT RESOLVED, by the affirmative vote of not less than two-thirds of the total voting strength of the County Legislature of the County of Onondaga, New York, as follows:

Section 1. An Ash Tree Management Program in and for the County of Onondaga, New York, including costs incidental thereto, is hereby authorized at an estimated maximum cost of \$750,000.

Section 2. The plan for the financing thereof is by the issuance of \$750,000 bonds of said County hereby authorized to be issued therefor.

Section 3. It is hereby determined that the period of probable usefulness of the class of objects and purposes is five years, pursuant to subdivision 57 of paragraph a of Section 11.00 of the Local Finance Law.

Section 4. The faith and credit of said County of Onondaga, New York, are hereby irrevocably pledged for the payment of the principal of and interest on such bonds as the same respectively become due and payable. An annual appropriation shall be made in each year sufficient to pay the principal of and interest on such bonds becoming due and payable in such year. There shall annually be levied on all the taxable real property of said County a tax sufficient to pay the principal of and interest on such bonds as the same become due and payable.

Section 5. Subject to the provisions of the Local Finance Law, the power to authorize the issuance of and to sell bond anticipation notes in anticipation of the issuance and sale of the bonds herein authorized, including renewals of such notes, is hereby delegated to the Chief Fiscal Officer of such County. Such notes shall be of such terms, form and contents, and shall be sold in such manner, as may be prescribed by said Chief Fiscal Officer, consistent with the provisions of the Local Finance Law.

Section 6. All other matters except as provided herein relating to the bonds herein authorized including the date, denominations, maturities and interest payment dates, within the limitations prescribed herein and the manner of execution of the same, including the consolidation with other issues, and also the ability to issue bonds with substantially level or declining annual debt service, shall be determined by the Chief Fiscal Officer, the chief fiscal officer of such County. Such bonds shall contain substantially the recital of validity clause provided for in Section 52.00 of the Local Finance Law, and shall otherwise be in such form and contain such recitals, in addition to those required by Section 51.00 of the Local Finance Law, as the Chief Fiscal Officer shall determine consistent with the provisions of the Local Finance Law.

Section 7. The County Executive is authorized to enter into contracts to implement the intent of this resolution.

Section 8. The validity of such bonds and bond anticipation notes may be contested only if:

- 1) Such obligations are authorized for an object or purpose for which said County is not authorized to expend money, or
- 2) The provisions of law which should be complied with the date of publication of this resolution are not substantially complied with, and an action, suit or proceeding contesting such validity is commenced within twenty days after the date of such publication, or
- 3) Such obligations are authorized in violation of the provisions of the Constitution.

Section 9. This resolution shall constitute a statement of official intent for purposes of Treasury Regulations Section 1.150-2. Other than as specified in this resolution, no monies are, or are reasonably expected to be, reserved, allocated on a long-term basis, or otherwise set aside with respect to the permanent funding of the object or purpose described herein.

Section 10. This resolution, which takes effect immediately, shall be published in summary form in the Syracuse Post Standard, the official newspaper of said County, together with a notice of the Clerk of the County Legislature in substantially the form provided in Section 81.00 of the Local Finance Law.

ADOPTED: AYES: _____ NAYS: _____ ABSENT: _____

Dated: _____

Approved: _____
County Executive, Onondaga County

Bond Resolution Ash tree doc
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dak

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DEPARTMENT: OFFICE OF ENVIRONMENT

Project: Ash Tree Management

Purpose: Public/Employee Safety/Health, Reduce Operating Costs/Efficiency, Maintain Existing Investment

Level of Development: Intermediate

Project Description:

Emerald Ash Borer (EAB), an invasive species of beetle that kills ash trees, arrived in the U.S. around 2002 and is spreading across the Country. The beetle is already infesting ash trees in Onondaga County. One in nine trees in Onondaga County is an ash tree.

Onondaga County has developed and is implementing an Emerald Ash Borer (EAB) management strategy in order to minimize the hazard risk to the community, the impact of EAB on County operations and to plan for and minimize EAB costs (tree removal/inoculation, manpower and equipment, disposal and tree replacement). All County-owned ash trees with potential targets in the drop zone (people or physical assets) will need to be removed or inoculated to protect the public, protect assets and reduce liability.

Project Cost Summary:

FUNDING SOURCE:	Pre-2017	2017	2018	2019	2020	2021	2022	6yr Total	Total:
Borrowing to be Authorized	0	750	750	750	750	750	750	4,500	4,500
Pay as You Go	250							0	250
Authorized Borrowing	750							0	750
TOTALS	1,000	750	750	750	750	750	750	4,500	5,500

Project Detail and Status:

The County owns approximately 300 parcels of land covering roughly 8,000 acres (including parkland, water supply and wastewater treatment plants, drainage districts, pumping stations, radio towers, institutional campuses for uses including administration, correctional facilities, emergency response operations and more) and nearly 800 miles of highway rights-of-way. These properties are home to tens of thousands of ash trees.

Steps must be taken by the County to ensure that the threat of harm to humans and/or damage to County-owned property is minimized, that the public cost of managing affected trees on County-owned property is minimized and that overall disruption in the community is minimized (including tree replacement needs). To this end the County has taken the following steps:

- 1) Conducted an inventory of ash trees on County-owned property
- 2) Managing ash trees on county owned properties (treating or removing)
- 3) Helping organize a community-wide task force to coordinate a Community EAB Management Strategy.

The inventory of ash trees (location, size, health, nearby targets) was initiated in 2012 and was completed in 2014. Early management efforts have been aimed at removing priority hazard trees, and damaged trees that are likely to become priority hazard trees in critical areas.

Onondaga County will implement a balanced or "selective" ash tree management strategy. The benefit of this balanced approach is that management of ash trees can be optimized at each location, preserving tree functions where they provide the greatest value, restoring lost canopy over time in other locations, and preemptively removing less valuable trees before they become a safety hazard. The County's program features the following key elements:

- 1) Preemptive removal of approximately 95% of inventoried ash trees over a period of 19 years (a little over 44,000 trees).
- 2) Replacement of approximately 10% of removed trees, phased over 19 years, primarily in the County's parks, with non-invasive, non-host tree species (a little over 4,400 replacement trees).
- 3) Preservation of approximately 5% of inventoried ash trees. These will be carefully chosen, high value ash trees that provide significant amenities for up to 25 years (approximately 2,300 ash trees).

To carry out the County's Ash Tree Management Strategy, the County Office of Environment has entered into an Agreement with the Onondaga County Soil & Water Conservation District (SWCD) to prepare bid documents, administer contracts with vendors and to oversee tree removal and replacement. The SWCD will also assist the County with other EAB associated activities such as monitoring for infestations, community outreach and coordination with other municipalities within the county. It is estimated that the cost for the SWCD to provide these services to the County will be \$80,000/year. Though not part of these administrative and oversight costs, it is also expected that the SWCD will be responsible for inoculating trees selected for preservation.

The projected cost to carry out the County's ash tree management strategy over the next 25 years is approximately \$14 million, \$15.8 million if paid for through the issuance of bonds. In round numbers, estimated ash tree management costs include:

Estimated tree removal costs (over 19 years):	\$ 9.6 million
Estimated tree replacement costs (over 19 years):	\$ 1.5 million
Estimated tree inoculation costs (over 25 years):	\$ 1.6 million
Estimated administrative/oversight costs (over 19 years):	\$ 1.36 million
Estimated total cost (over 25 years):	\$ 14 million
Estimated cost to retire debt if bonds are issued:	\$ 1.8 million
Estimated total cost if bonds are issued:	\$ 15.8 million

List of projects from CIP 2017-2022 to be Authorized in Fall 2016 (\$ in 000')

Recommended Projects		Fall 2016
		Debt
E911		
1	E911 Center Roof Replacement	\$303
	Sub Total	\$303
Hillbrook		
1	Hillbrook Detention Facility Improvements	\$394
	Sub Total	\$394
Office of Environment		
1	Ash Tree Management	\$750
	Sub Total	\$750
Parks		
1	Onondaga Lake Park Shoreline Stabilization	\$756
2	Park Roofs	\$569
	Sub Total	\$1,325

70

DOT		
5	Rehabilitation of Camillus Highway Mtce Facil	\$8,500
	Sub Total	\$8,500

WEP		
1	Baldwinsville Seneca Knolls WWTP Disinfection and Phase II Asset Renewal Improvements	\$1,800
2	Bear Trap - Ley Creek North Midler Culvert Repair Project	\$130
3	Camillus Force Main Replacement	\$2,000
4	Harbor Brook Miscellaneous Culvert and Channel Improvements	\$200
5	Meadowbrook-Limestone WWTP Disinfection System and Collection System Improvements	\$11,725
6	Metro WWTP Phosphorus Treatment System Optimization	\$21,355
7	Oak Orchard WWTP Secondary Clarifier Rehabilitation	\$950
8	Wastewater Transportation System Improvements	
	Sub Total	\$38,160

FUND TOTAL RECOMMENDED

December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

2016 TRANSFER RESOLUTION

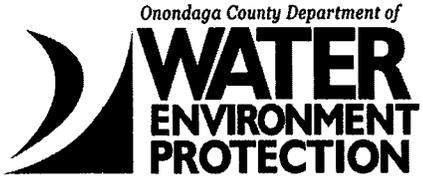
RESOLVED, that the following transfers be made:

<u>FROM:</u>	<u>TO:</u>	<u>AMOUNT:</u>
Admin Unit 3330000000	Admin Unit 3330000000	
Water Environment Protection	Water Environment Protection	
Speed Type 480100	Speed Type 480300	
Acct. 694130	Acct. 694010	
Maintenance, Utilities, Rents	Travel/Training	\$26,500

WEP Training Transfer Reso
dak

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Joanne M. Mahoney, County Executive
Tom Rhoads, P.E., Commissioner
650 Hiawatha Blvd. West
Syracuse, NY 13204-1194
(315) 435-2260 or (315) 435-6820
FAX (315) 435-5023
<http://www.ongov.net/wep/>

MEMORANDUM OF SUPPORT

Title: AMENDING THE 2016 COUNTY BUDGET TO PROVIDE FOR THE TRANSFER OF FUNDS TO PAY THE COST OF ADDITIONAL TRAINING PROGRAMS.

Purpose: WEP is seeking to take advantage of additional training opportunities that have become available for 2016. To accomplish this, a transfer of funds is requested in order to use the surplus funds being forecasted from other operating accounts, specifically a transfer from the 413 Maintenance Account to the 401 Travel/Training Account in the amount of \$26,500.

Summary: Much of the training that is provided to employees at WEP is mandated by regulatory requirements and necessary to promote safe and effective job performance. In addition, one of the department's strategic goals for 2016 was to expand the existing training program in an effort to promote staff development, improve and enhance employee job skills and provide opportunities for career advancement. Because WEP is forecasting a surplus in the 413 Maintenance/Utilities account for FY 2016, a transfer of \$26,500 is being requested to make funds available for more training opportunities in 2016. The surplus will be realized due to savings in utility costs; due in part to rate decreases and dry climate conditions. A list of the training to be provided is attached.

Fiscal Impact: There will be no fiscal impact for 2016 and no impact on the 2016 budget; expenses will be made from previously authorized budget appropriations.

December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

A RESOLUTION AMENDING THE SCOPE OF THE WEST SIDE PUMP STATION PROJECT TO INCLUDE SEWER INFRASTRUCTURE UPGRADES LOCATED IN THE VILLAGE OF SOLVAY AND APPROVING AN INCREASE IN THE MAXIMUM ESTIMATED COST

WHEREAS, the Commissioner of Water Environment Protection of said County, pursuant to the Onondaga County Administrative Code, prepared and submitted to said County Legislature a Report dated September 22, 2014, (the "Report"), modified March 31, 2016, duly approved by the County Executive, recommending improvements for the Onondaga County Sanitary District consisting of upgrades to the West Side Pump Station and various conveyances improvements, as well as other incidental improvements, as set forth in the Report, at a maximum estimated cost of \$18,150,000; and

WHEREAS, it has been determined to be beneficial for the project to include improvements to sewer infrastructure located in the Village of Solvay in order to reduce inflow and infiltration relating to the West Side Pump Station and to increase the estimated maximum cost of said capital project; and

WHEREAS, the County of Onondaga applied for and was awarded a grant from the New York State Environmental Facilities Corporation to pay for the costs of said additional improvements; and

WHEREAS, the Commissioner of Water Environment Protection conducted a public hearing on September 27, 2016 and submitted a Report dated September 27, 2016, duly approved by the County Executive, recommending sewer infrastructure improvements in the Village of Solvay and increasing the total estimated project cost to include said improvements; and

WHEREAS, the County Legislature duly adopted a resolution on November 7, 2016, calling a public hearing on the forgoing matter; and

WHEREAS, the public hearing was duly held at which all persons interested were heard; now, therefor be it

RESOLVED, by the County Legislature of the County of Onondaga, New York, as follows:

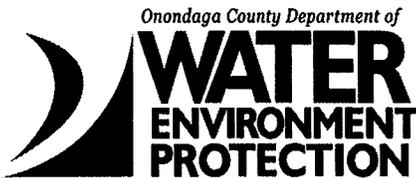
Section 1. Based upon the proceedings heretofore had and taken, it is hereby found and determined that it is necessary and in the public interest to approve the additional improvements for the West Side Pump Station consisting of upgrading sewer infrastructure in the Village of Solvay, at a maximum estimated cost of \$19,389,444, and that said improvements will be of special benefit to all of the real property included within the limits of the District.

WSPS Amending Scope Village of Solvay
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16 OCT 26 AM 9:48

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Joanne M. Mahoney, County Executive
Tom Rhoads, P.E., Commissioner
650 Hiawatha Blvd. West
Syracuse, NY 13204-1194
(315) 435-2260 or (315) 435-6820
FAX (315) 435-5023
<http://www.ongov.net/wep/>

MEMORANDUM OF SUPPORT

Title: A RESOLUTION AMENDING THE SCOPE OF THE WEST SIDE PUMP STATION PROJECT TO INCLUDE SEWER INFRASTRUCTURE UPGRADES LOCATED IN THE VILLAGE OF SOLVAY AND APPROVING AN INCREASE IN THE MAXIMUM ESTIMATED COST.

Title: AUTHORIZING ACCEPTANCE OF GRANT FUNDS FROM THE NEW YORK STATE ENVIRONMENTAL FACILITIES CORPORATION AND AUTHORIZING EXECUTION OF GRANT AGREEMENTS TO IMPLEMENT THE INTENT OF THIS RESOLUTION.

Title: AUTHORIZING THE COUNTY OF ONONDAGA TO ENTER INTO AN INTERMUNICIPAL AGREEMENT (IMA) WITH THE VILLAGE OF SOLVAY TO UPGRADE SEWER INFRASTRUCTURE LOCATED IN THE VILLAGE OF SOLVAY FOR THE WEST SIDE PUMP STATION PROJECT.

Purpose: These resolutions are needed to accept a \$1,239,444 grant from the NYS EFC to perform sewer repair work in the Village of Solvay. The grant received is exclusively for improvements to sanitary sewer infrastructure owned by the Village of Solvay. This work, which is associated with the West Side Pump Station project, includes manhole and trunk sewer repairs, and is a necessary component for inflow and infiltration reduction (I&I).

Summary: WEP received a grant from the NYS EFC in the amount of \$1,239,444 for sewer repairs and upgrades in the Village of Solvay for extraneous flow reduction (I&I removal) to the sewer pipes and manholes owned by the Village of Solvay. This grant work is associated with the West Side Pump Station Rehabilitation capital project, and the pump station appropriations will be used to meet the local match requirement of the grant. Essentially, the County funds for the pump station become the local match for improvements to the Village sewers. The project is amended in an amount equal to the grant, and for the additional work directly related to the grant. An Intermunicipal Agreement needs to be executed with the Village of Solvay to coordinate and document responsibilities of both parties. Because this work was not included in the original project, appropriations need to be increased in order to accept the grant funds and include the added scope. The Commissioner's Hearing was held on 9/27/16; the Legislative Hearing will be held on December 6, 2016.

Fiscal Impact: There will be no fiscal impact for the overall project budget. The additional scope for the Village of Solvay work will be funded in its entirety through the grant. There will be no net impact to the ratepayers.

December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

AUTHORIZING ACCEPTANCE OF GRANT FUNDS FROM THE NEW YORK STATE ENVIRONMENTAL FACILITIES CORPORATION AND AUTHORIZING EXECUTION OF GRANT AGREEMENTS TO IMPLEMENT THE INTENT OF THIS RESOLUTION

WHEREAS, the County applied to the New York State Environmental Facilities Corporation (NYS EFC) for a grant to repair and upgrade sewer infrastructure owned by and located within the Village of Solvay as part of the West Side Pump Station project; and

WHEREAS, the County has been awarded the grant in the amount of \$1,239,444; and

WHEREAS, the project includes manhole and trunk sewer repairs within the Village of Solvay necessary to reduce inflow and infiltration in the West Side Pump Station service area; and

WHEREAS, projects which are undertaken utilizing this funding through the NYS EFC provide a 75% state contribution and 25% local contribution; and

WHEREAS, the County Legislature has already appropriated and authorized the use of County funds which can be applied towards the required local match; and

WHEREAS, pursuant to the grant requirements, the County must submit a resolution approving receipt of grant funds and execution of grant agreements; now, therefore be it

RESOLVED, that the County has conducted its review and made its determination under the State Environmental Quality Review Act (SEQRA) regarding the West Side Pump Station Project and the manhole and trunk sewer repairs, with the proposed actions having been determined to be a Type 2 action; and, be it further

RESOLVED, that the County Executive is hereby authorized to enter into agreements and execute such other documents as may be reasonably necessary with the NYS EFC to accept funds as reimbursement for work completed in implementing the project, where the funds to be received as reimbursement are estimated to not exceed one million two hundred thirty-nine thousand four hundred forty-four dollars (\$1,239,444).

Village of Solvay Grant Acceptance
MG
dak

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December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

AUTHORIZING THE EXECUTION OF AGREEMENTS WITH THE VILLAGE OF SOLVAY TO UPGRADE SEWER INFRASTRUCTURE LOCATED IN THE VILLAGE OF SOLVAY FOR THE WEST SIDE PUMP STATION PROJECT

WHEREAS, the County of Onondaga received a grant from the New York State Environmental Facilities Corporation (NYS EFC) in the amount of \$1,239,444 for upgrades to sewer infrastructure in the Village of Solvay relating to the West Side Pump Station project undertaken for the Onondaga County Sanitary District; and

WHEREAS, the County and the Village are interested in cooperating on the West Side Pump Station project to reduce inflow and infiltration into the sanitary sewer system; and

WHEREAS, in order to upgrade sewer infrastructure located within the Village, where such work is beneficial to both the County and the Village, the parties seek to enter into an agreement for improvements to be made to manholes and trunk sewers located in and owned by the Village, and

WHEREAS, the County has agreed to pay the costs of the improvements in the first instance, seeking reimbursement from the NYS EFC; now, therefore be it

RESOLVED, that the County Executive hereby is authorized to execute agreements and such documents as may be reasonably necessary to implement the intent of this resolution.

Village of Solvay IMA Resolution
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dak

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ONONDAGA COUNTY
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December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

A RESOLUTION CALLING A PUBLIC HEARING IN CONNECTION WITH PROPOSED IMPROVEMENTS FOR THE HARBOR BROOK DRAINAGE DISTRICT

WHEREAS, the Commissioner of Water Environment Protection of said County, pursuant to the Onondaga County Administrative Code, has prepared and submitted to said County Legislature, a report dated September 27, 2016 (the "Report"), duly approved by the County Executive, in connection with proposed improvements to the Harbor Brook Drainage District consisting of miscellaneous culvert and channel improvements, all as more fully set forth in the Report, at a maximum estimated cost of \$800,000; and

WHEREAS, it is now desired to call a Public Hearing in connection with the provisions of the Onondaga County Administrative Code; now, therefore be it

RESOLVED, by the County Legislature of the County of Onondaga, New York, as follows:

Section 1. A meeting of the County Legislature of the County of Onondaga, New York shall be held in the Legislative Chambers in the County Court House, in Syracuse, New York, on the 3rd day of January, 2016, at 12:46 o'clock P.M., Prevailing time, for the purpose of conducting a public hearing upon the aforesaid matter. The Clerk of said County Legislature is hereby authorized and directed to cause a notice of such public hearing to be published in the manner provided by law.

Section 2. This resolution shall take effect immediately.

ADOPTED: AYES: _____ NAYS: _____ ABSENT: _____

Dated: _____

Approved: _____
County Executive, Onondaga County

Harbor Brook PH doc
med
dak

16 OCT 27 AM 10:21

RECEIVED
ONONDAGA COUNTY
LEGISLATURE

DEPARTMENT: WATER ENVIRONMENT PROTECTION

Project: Harbor Brook Miscellaneous Culvert and Channel Improvements (NEW)

Purpose: Public/Employee Safety/Health, Maintain Existing Investment

Level of Development: Intermediary

Project Description:

Repair and rehabilitation of 110 year old culvert and channel sections within the Harbor Brook Drainage District. Project would include rehabilitation of the concrete wing walls near Delaware and Amy Streets and rehabilitation of selected culvert sections.

Project Cost Summary:

FUNDING SOURCE:	Pre-2017	2017	2018	2019	2020	2021	2022	6yr Total	Total:
Borrowing to be Authorized	0	200	200	200	200			800	800
TOTALS	0	200	200	200	200			800	800

Project Detail and Status:

The Harbor Brook drainage channels and culverts were installed in the early 1900 to address flooding and public nuisance issues related to sanitary conditions and flooding. The 100 plus year old infrastructure is beginning to show signs of deficiency. This project will target the most deficient areas for rehabilitation.

December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

A RESOLUTION CALLING A PUBLIC HEARING IN CONNECTION WITH PROPOSED IMPROVEMENTS FOR THE ONONDAGA COUNTY SANITARY DISTRICT FOR THE ORCHARD WASTEWATER TREATMENT PLANT

WHEREAS, by Resolution No. 260 of June 5, 1978, adopted pursuant to Section 11.82 of the Onondaga County Administrative Code, the County Legislature dissolved all existing Sanitary and Treatment Plant Districts of the County and established as successor thereto, the Onondaga County Sanitary District, effective January 1, 1979; and

WHEREAS, the Commissioner of Water Environment Protection of said County, pursuant to the Onondaga County Administrative Code, has prepared and submitted to said County Legislature, a report dated September 27, 2016 (the "Report"), duly approved by the County Executive, in connection with proposed improvements to the Onondaga County Sanitary District consisting of the Orchard WWTP secondary clarifier rehabilitation, all as more fully set forth in the Report; and

WHEREAS, it is now desired to call a Public Hearing in connection with the engineering design phase of such project at a maximum estimated cost of \$950,000, all in accordance with the provisions of the Onondaga County Administrative Code; now, therefore be it

RESOLVED, by the County Legislature of the County of Onondaga, New York, as follows:

Section 1. A meeting of the County Legislature of the County of Onondaga, New York shall be held in the Legislative Chambers in the County Court House, in Syracuse, New York, on the 3rd day of January, 2016, at 12:48 o'clock P.M., Prevailing time, for the purpose of conducting a public hearing upon the aforesaid matter. The Clerk of said County Legislature is hereby authorized and directed to cause a notice of such public hearing to be published in the manner provided by law.

Section 2. This resolution shall take effect immediately.

Adopted: AYES _____ NAYS _____ ABSENT _____

APPROVED: _____
County Executive

Orchard WWTP Rehab PH
dak

16 OCT 26 PM 1:20
RECEIVED
ONONDAGA COUNTY
LEGISLATURE

DEPARTMENT: WATER ENVIRONMENT PROTECTION

Project: Oak Orchard WWTP Secondary Clarifier Rehabilitation (NEW)

Purpose: Maintain Existing Investment

Level of Development: Intermediate

Project Description:

The Oak Orchard Wastewater Treatment Plant (WWTP) has been in operation since 1980. The secondary clarifiers, critical to the successful operation of the plant, are original to the plant and have been identified for replacement.

Project Cost Summary:

FUNDING SOURCE:	Pre-2017	2017	2018	2019	2020	2021	2022	6yr Total	Total:
Borrowing to be Authorized	0	950		5,900	300			7,150	7,150
TOTALS	0	950		5,900	300			7,150	7,150

Project Detail and Status:

This asset renewal project will consist of replacing the mechanical sludge collectors, gears, sprockets and other equipment within the six (6) secondary clarifiers at the Oak Orchard WWTP. Associated concrete repairs and other necessary projects elements will also be completed in the project to ensure continued satisfactory operation and maintainability of treatment plant operations, and New York State Department of Environment Conservation (NYSDEC) State Pollutant Discharge Elimination System Permit.

Legislative approval will be sought in September 2016 for bonding of \$950,000 for engineering design. Construction is anticipated to begin in 2019.

December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

A RESOLUTION CALLING A PUBLIC HEARING FOR THE PURPOSE OF CONSIDERING AN INCREASE IN THE ESTIMATED MAXIMUM COST OF PROPOSED IMPROVEMENTS FOR THE BALDWINSVILLE TREATMENT PLANT IMPROVEMENTS

WHEREAS, the County Legislature has duly approved and authorized expenses in connection with the Onondaga County Sanitary District, consisting of design engineering costs for improvements at the Baldwinsville Treatment Plant, as well as other incidental expenses, at a maximum estimated cost of \$3,400,000, and the issuance of bonds of said County to pay the cost thereof; and

WHEREAS, it is necessary to authorize the construction of the disinfection component of such project and to increase the estimated maximum cost of such improvements by an additional \$1,800,000, resulting in a revised maximum estimated cost of \$5,200,000; and

WHEREAS, it is now desired to call a public hearing thereon; now, therefore be it

RESOLVED, by the County Legislature of the County of Onondaga, New York, as follows:

Section 1. A meeting of the County Legislature, the County of Onondaga, New York, to be held in the Legislative Chambers in the County Court House, in Syracuse, New York, on the 3rd day of January, 2016, at 12:50 o'clock P.M., prevailing time, for the purpose of conducting a Public Hearing upon the aforesaid matter. The Clerk of said County Legislature is hereby authorized and directed to cause a notice of such public hearing to be published and posted in the manner provided by law.

Section 2. The Clerk of the Legislature is hereby authorized and directed to cause a copy of the Notice of Public Hearing hereinafter provided to be published once in the official newspaper not less than ten, nor more than twenty days before the date designated for the hearing.

Section 3. This resolution shall take effect immediately.

ADOPTED: AYES: _____ NAYS: _____ ABSENT: _____

Dated: _____

Approved: _____
County Executive, Onondaga County

CPH Increase Baldwinsville Design & Engineering PH doc
med
dak

16 OCT 27 AM 10:24
RECEIVED
ONONDAGA COUNTY
LEGISLATURE

DEPARTMENT: WATER ENVIRONMENT PROTECTION

Project: Baldwinsville Seneca Knolls WWTP Disinfection and Phase II Asset Renewal Improvements

Purpose: Public/Employee Safety/Health, Maintain Existing Investment, Federal/State Mandate

Level of Development: Preliminary

Project Description:

The Baldwinsville-Seneca Knolls Wastewater Treatment Plant was issued a renewed SPDES Discharge Permit in June 2014 by the New York State Department of Environmental Conservation (NYSDEC) which included modifications to the effluent total residual chlorine (TRC) limit from 2.0 mg/L to 0.08 mg/L. The new TRC permit limits will become effective beginning May 15, 2018. The WWTP currently has no means to dechlorinate the effluent to meet this limit. Therefore, the County initiated this project to design and construct upgrades to the disinfection system which will enable the new TRC limit to be met. Additionally, the plant is over thirty years old. Various small and discrete improvements and repairs have been done to the facility as a means of operational enhancements and infrastructure maintenance. However, there is a contemporary need to implement a robust infrastructure renewal project for many of the treatment plant's assets so as to ensure continued satisfactory operation and extend its service life. This project is for Phase II asset renewal improvements.

Project Cost Summary:

FUNDING SOURCE:	Pre-2017	2017	2018	2019	2020	2021	2022	6yr Total	Total:
Borrowing to be Authorized	0	1,350	450	3,825	7,650	3,825		17,100	17,100
Pay as You Go	1,150							0	1,150
Authorized Borrowing	212	1,224	1,198	277	277	110		3,086	3,298
TOTALS	1,362	2,574	1,648	4,102	7,927	3,935		20,186	21,548

Project Detail and Status:

This project provides for an upgrade to the facility's disinfection system so as to comply with new DEC SPDES permit limits. Specifically, additional process tankage and a dechlorination system will be installed downstream of the existing chlorination system, along with ancillary improvements. Engineering design of disinfection to be completed by September 2016; construction to start in March 2017.

Additionally, the project is for the design and construction of what is known as Phase II improvements as identified in the engineering evaluation completed in June 2014 for the facility. The majority of the improvements, largely consisting of asset renewal measures, include the following elements: grit processing equipment, chemical tanks, concrete structures, aeration systems, aerobic digesters, major mechanicals, fire alarm system, code compliance, water supply systems, energy conservation measures, noise abatement, and other necessary asset renewal measures. Asset renewal design to be completed by October 2018; construction start May 2019.

Legislative approval for \$3.4 million for the engineering design phase of this project was obtained in 2014. Legislative approval will be sought in September of 2016 for approximately \$1.8 million in bonding for the construction of disinfection improvements. Additionally, it is expected that legislative approval will be sought in September 2018 for approximately \$15.3 million in bonding for the asset renewal (construction) portion of this project.

December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

A RESOLUTION CALLING A PUBLIC HEARING FOR THE PURPOSE OF CONSIDERING AN INCREASE IN THE ESTIMATED MAXIMUM COST OF PROPOSED IMPROVEMENTS FOR THE METRO WASTEWATER TREATMENT PLANT IMPROVEMENTS

WHEREAS, the County Legislature has duly approved and authorized expenses in connection with the Onondaga County Sanitary District, consisting of engineering design of phosphorous treatment system improvements at the Metro Waste Water Treatment Plant, at a maximum estimated cost of \$2,840,000, and the issuance of bonds of said County to pay the cost thereof; and

WHEREAS, it is necessary to authorize undertaking such project and expand the scope to include engineering, construction and other incidental expenses, and to increase the estimated maximum cost of such improvements by \$21,355,000, with the revised maximum cost of \$24,195,000; and

WHEREAS, it has been proposed that the additional \$21,355,000 will be financed by the issuance of bonds; and

WHEREAS, it is now desired to call a public hearing thereon; now, therefore be it

RESOLVED, by the County Legislature of the County of Onondaga, New York, as follows:

Section 1. A meeting of the County Legislature, the County of Onondaga, New York, to be held in the Legislative Chambers in the County Court House, in Syracuse, New York, on the 3rd day of January, 2016, at 12:52 o'clock P.M., prevailing time, for the purpose of conducting a Public Hearing upon the aforesaid matter. The Clerk of said County Legislature is hereby authorized and directed to cause a notice of such public hearing to be published and posted in the manner provided by law.

Section 2. The Clerk of the Legislature is hereby authorized and directed to cause a copy of the Notice of Public Hearing hereinafter provided to be published once in the official newspaper not less than ten, nor more than twenty days before the date designated for the hearing.

Section 3. This resolution shall take effect immediately.

ADOPTED: AYES: _____ NAYS: _____ ABSENT: _____

Dated: _____

Approved: _____

County Executive, Onondaga County

Metro WWTP PH doc
med
dak

16 OCT 27 AM 10:26

RECEIVED
ONONDAGA COUNTY
LEGISLATURE

DEPARTMENT: WATER ENVIRONMENT PROTECTION

Project: Metro WWTP Phosphorus Treatment System Optimization

Purpose: Reduce Operating Costs/Efficiency, Maintain Existing Investment, Federal/State Mandate

Level of Development: Intermediate

Project Description:

This project is for various modifications, upgrades, and improvements to Metro's Wastewater Treatment Plant (WWTP) Biological Aerated Filter (BAF) and High-Rate Flocculated Settling (HRFS) systems so as to enhance and maximize system performance. The BAF and HRFS systems are those unit processes used at Metro to remove ammonia and phosphorus, respectively, in accordance with NYSDEC SPDES permit mandates. The project will also serve to respond to the improvement needs born out of the November 2009 4th Stipulation of the ACJ and the Onondaga Lake Total Maximum Daily Load (TMDL) for phosphorus.

Project Cost Summary:

FUNDING SOURCE:	Pre-2017	2017	2018	2019	2020	2021	2022	6yr Total	Total:
Borrowing to be Authorized	0	7,474	10,678	3,203				21,355	21,355
Authorized Borrowing	1,099	340	200	110				650	1,749
TOTALS	1,099	7,814	10,878	3,313				22,005	23,104

Project Detail and Status:

This project is an extension of earlier evaluation efforts performed for the Metro Wastewater Treatment Plant's Phosphorus treatment system for optimization and identifying alternatives to meet the previously pending NYSDEC Total Maximum Daily Load (TMDL) for the treatment plant (optimization and work plan reports as mandated by the NYSDEC). Monies spent to date were for the various engineering evaluations leading up to this point in the project and for current final design efforts. The project will construct the improvements identified in the ACJ-mandated report that was submitted to the NYSDEC on August 31, 2011 for optimizing the performance of the existing Metro Wastewater Treatment Plant phosphorus treatment system. Said report identified a number of confirmatory evaluations that needed to be completed. Those evaluations have since been completed; the final report was submitted to the NYSDEC in May 2013 and has since been approved. The project is now under final design.

Project elements include the following:

1. Installation of two new isolation gates and a dividing wall to isolate the north and south BAF cells so that maintenance can be performed without having to shut down the entire (ammonia/phosphorus) process.
2. Improving chemical addition and mixing to the High-Rate Flocculated Settling (HRFS) in the BAF effluent channel.
3. Replacement of four stainless steel HRFS influent gates with fiberglass-reinforced plastic (FRP) gates.
4. Repair of the isolation plate in HRFS influent channel.
5. Installation of a new effluent water system.
6. Replacement of a 14" stainless steel process line.
7. Providing for better flow distribution through the treatment system.
8. Replacement of 72 BAF influent gates.
9. Other ancillary improvements to the phosphorus treatment system so as to optimize overall treatment and system reliability.

This project shall also be instrumental in the Department complying with the recently issued Total Maximum Daily Load (TMDL) for phosphorus from the NYSDEC which limits the amount of phosphorus that can be discharged from the Metro WWTP. Final design to be complete October 2016. Construction to start circa May 2017. It is noted that engineering monies in the amount of \$2,840,000 have already been approved for this project. Legislative approval will be sought in September 2016 for bonding of construction monies for approximately \$21.3 million.

December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

A RESOLUTION CALLING A PUBLIC HEARING IN CONNECTION WITH PROPOSED IMPROVEMENTS FOR THE BEAR TRAP LEY CREEK DRAINAGE DISTRICT

WHEREAS, the Commissioner of Water Environment Protection of said County, pursuant to the Onondaga County Administrative Code, has prepared and submitted to said County Legislature, a report dated September 27, 2016 (the "Report"), duly approved by the County Executive, in connection with proposed improvements to the Bear Trap Ley Creek Drainage District consisting of the North Midler Culvert Improvement Project, all as more fully set forth in the Report, at a maximum estimated cost of \$130,000; and

WHEREAS, it is now desired to call a Public Hearing in connection with the provisions of the Onondaga County Administrative Code; now, therefore be it

RESOLVED, by the County Legislature of the County of Onondaga, New York, as follows:

Section 1. A meeting of the County Legislature of the County of Onondaga, New York shall be held in the Legislative Chambers in the County Court House, in Syracuse, New York, on the 3rd day of January, 2016, at 12:54 o'clock P.M., Prevailing time, for the purpose of conducting a public hearing upon the aforesaid matter. The Clerk of said County Legislature is hereby authorized and directed to cause a notice of such public hearing to be published in the manner provided by law.

Section 2. This resolution shall take effect immediately.

ADOPTED: AYES: _____ NAYS: _____ ABSENT: _____

Dated: _____

Approved: _____
County Executive, Onondaga County

Bear Trap-Ley Creek PH
dak

16 OCT 26 PM 1:29

RECEIVED
ONONDAGA COUNTY
LEGISLATURE

DEPARTMENT: WATER ENVIRONMENT PROTECTION

Project: Bear Trap - Ley Creek North Midler Culvert Repair Project (NEW)

Purpose: Public/Employee Safety/Health, Maintain Existing Investment

Level of Development: Preliminary

Project Description:

Repair of 1950s vintage concrete box culvert located on North Midler Avenue in the Town of DeWitt.

Project Cost Summary:

FUNDING SOURCE:	Pre-2017	2017	2018	2019	2020	2021	2022	6yr Total	Total:
Borrowing to be Authorized	0	130						130	130
TOTALS	0	130						130	130

Project Detail and Status:

This project entails structural repair of the 1950s vintage 130 foot long North Midler box culvert which conveys storm water within the Bear Trap Ley Creek Drainage District. A portion of the roadway collapsed in June 2016 and required an emergency temporary repair. Closer inspection of the culvert revealed localized area of concrete and reinforcing steel in poor overall condition. The repair project will restore the roadway and culvert back to an acceptable level of service.

December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

A RESOLUTION CALLING A PUBLIC HEARING IN CONNECTION WITH PROPOSED IMPROVEMENTS FOR THE ONONDAGA COUNTY SANITARY DISTRICT FOR THE MEADOWBROOK LIMESTONE WASTEWATER TREATMENT PLANT

WHEREAS, by Resolution No. 260 of June 5, 1978, adopted pursuant to Section 11.82 of the Onondaga County Administrative Code, the County Legislature dissolved all existing Sanitary and Treatment Plant Districts of the County and established as successor thereto, the Onondaga County Sanitary District, effective January 1, 1979; and

WHEREAS, the Commissioner of Water Environment Protection of said County, pursuant to the Onondaga County Administrative Code, has prepared and submitted to said County Legislature, a report dated September 27, 2016 (the "Report"), duly approved by the County Executive, in connection with proposed improvements to the Onondaga County Sanitary District consisting of the Meadowbrook-Limestone WWTP disinfection system and collection system project, all as more fully set forth in the Report, at a maximum estimated cost of \$11,725,000; and

WHEREAS, it is now desired to call a Public Hearing in connection with the provisions of the Onondaga County Administrative Code; now, therefore be it

RESOLVED, by the County Legislature of the County of Onondaga, New York, as follows:

Section 1. A meeting of the County Legislature of the County of Onondaga, New York shall be held in the Legislative Chambers in the County Court House, in Syracuse, New York, on the 3rd day of January, 2016, at 12:56 o'clock P.M., Prevailing time, for the purpose of conducting a public hearing upon the aforesaid matter. The Clerk of said County Legislature is hereby authorized and directed to cause a notice of such public hearing to be published in the manner provided by law.

Section 2. This resolution shall take effect immediately.

Adopted: AYES _____ NAYS: _____ ABSENT: _____

APPROVED: _____
County Executive

Meadowbrook-Limestone WWTP PH
dak

16 OCT 27 AM 10:31
ONONDAGA COUNTY
LEGISLATURE
RECEIVED

DEPARTMENT: WATER ENVIRONMENT PROTECTION

Project: Meadowbrook-Limestone WWTP Disinfection System and Collection System Improvements (NEW)

Purpose: Federal/State Mandate

Level of Development: Advanced

Project Description:

The Meadowbrook-Limestone Wastewater Treatment Plant (WWTP) was issued a renewed SPDES Discharge Permit in June 2014 by the New York State Department of Environmental Conservation (NYSDEC) which included modifications to the effluent total residual chlorine (TRC) limit from 2.0 mg/L to 0.02 mg/L. The new TRC permit limits will become effective beginning May 15, 2018. The WWTP currently has no means to dechlorinate the effluent to meet this limit. Therefore, the County initiated this project to design and construct upgrades to the disinfection system which will enable the new TRC limit to be met. Additionally, the treatment plant is in need of several other asset renewal measures. This project also provides for necessary collection system improvements so as to reduce extraneous flow coming into the plant.

Project Cost Summary:

FUNDING SOURCE:	Pre-2017	2017	2018	2019	2020	2021	2022	6yr Total	Total:
Pay as You Go	1,100	1,000						1,000	2,100
Borrowing to be Authorized	0	7,152	4,573	2,000	2,000	2,000		17,725	17,725
TOTALS	1,100	8,152	4,573	2,000	2,000	2,000		18,725	19,825

Project Detail and Status:

The focus of the proposed project is to provide a new ultraviolet (UV) disinfection system to meet the upcoming TRC limit changes. However, the project also includes needed improvements to replace aging equipment, improve control and security systems, and maintain building infrastructure at the wastewater treatment plant. Some of the main improvements include the following.

1. Upgrade to the clarifiers to replace the mechanisms, and concrete repair.
2. Improvements to the existing clarifier tank drains.
3. Replacement of the existing scum pumps.
4. Replacement of the existing coagulant feed system.
5. Upgrades to the polymer feed system.
6. Installation of a fiber optic network for control.
7. Supervisory control and data acquisition (SCADA) system control improvements.
8. Unit heater replacements.
9. Implementation of security improvements.
10. Building roof replacements.
11. Replacement of Influent Building make-up air unit.
12. Replacement of electrical transformers.
13. Other necessary improvements.

This project also provides for necessary collection system improvements such as manhole rehabilitation, sewer lining, and other rehabilitation efforts so as to reduce excessive inflow and infiltration to the treatment plant.

Design of treatment plant work is scheduled to be completed in August 2016; with construction starting circa March 2017. Legislative approval will be sought in September 2016 for bonding of construction monies for approximately \$11.7 million for disinfection and infrastructure improvement construction work; and \$1 million in cash for conversion of a Backup Sludge Holding Tank to wet weather tank and collection system improvements.

3K.

December 6, 2016

Motion Made By Mr. Plochocki

RESOLUTION NO. _____

A RESOLUTION CALLING A PUBLIC HEARING IN CONNECTION WITH PROPOSED IMPROVEMENTS FOR THE ONONDAGA COUNTY SANITARY DISTRICT REGARDING THE CAMILLUS FORCE MAIN REPLACEMENT PROJECT

WHEREAS, by Resolution No. 260 of June 5, 1978, adopted pursuant to Section 11.82 of the Onondaga County Administrative Code, the County Legislature dissolved all existing Sanitary and Treatment Plant Districts of the County and established as successor thereto, the Onondaga County Sanitary District, effective January 1, 1979; and

WHEREAS, the Commissioner of Water Environment Protection of said County, pursuant to the Onondaga County Administrative Code, has prepared and submitted to said County Legislature, a report dated September 27, 2016 (the "Report"), duly approved by the County Executive, in connection with proposed improvements to the Onondaga County Sanitary District consisting of the Camillus Force Main Replacement, all as more fully set forth in the Report, at a maximum estimated cost of \$2,000,000; and

WHEREAS, it is now desired to call a Public Hearing in connection with the provisions of the Onondaga County Administrative Code; now, therefore be it

RESOLVED, by the County Legislature of the County of Onondaga, New York, as follows:

Section 1. A meeting of the County Legislature of the County of Onondaga, New York shall be held in the Legislative Chambers in the County Court House, in Syracuse, New York, on the 3rd day of January, 2016, at 12:58 o'clock P.M., Prevailing time, for the purpose of conducting a public hearing upon the aforesaid matter. The Clerk of said County Legislature is hereby authorized and directed to cause a notice of such public hearing to be published in the manner provided by law.

Section 2. This resolution shall take effect immediately.

ADOPTED: AYES: _____ NAYS: _____ ABSENT: _____

Dated: _____

Approved: _____
County Executive, Onondaga County

Camillus Force Main Replacement PH doc
Med
dak

16 OCT 27 AM 10:33

RECEIVED
ONONDAGA COUNTY
LEGISLATURE

DEPARTMENT: WATER ENVIRONMENT PROTECTION

Project: Camillus Force Main Replacement (NEW)

Purpose: Public/Employee Safety/Health, Maintain Existing Investment

Level of Development: Preliminary

Project Description:

Replacement of a 24 inch diameter 7 mile long wastewater pipeline.

Project Cost Summary:

FUNDING SOURCE:	Pre-2017	2017	2018	2019	2020	2021	2022	6yr Total	Total:
Borrowing to be Authorized	0	2,000	2,000	2,000	2,000	2,000		10,000	10,000
TOTALS	0	2,000	2,000	2,000	2,000	2,000		10,000	10,000

Project Detail and Status:

The 7 mile long 24 inch diameter Camillus force main conveys wastewater from the Town of Camillus and Village of Camillus to the Westside pump station located on the shore of Onondaga Lake. The force main has failed several times over the past 4 years releasing raw sewage to the ground and nine mile creek which is a recreational resource in Onondaga County. The length of the force main and the chemical makeup of the wastewater has accelerated the degradation of this asset. An internal assessment of the pipe line using "Smart ball" technology indicated numerous pipe line anomalies that may indicate that the pipe line has a high probability of failure. It is anticipated that the pipe line would be replaced with a plastic pipe that would not be susceptible to chemical attack.