

INFRASTRUCTURE COMMITTEE
Tuesday, April 12, 2016 at 5:15 p.m.
City Hall Council Chambers

Agenda

- 1. Sewer Abatement Quarterly Report**
(Materials Attached)

- 2. MDOT Agreement: Overweight Construction Vehicles – Interstate 395 Project, Odlin Road to Route 1A, #022644.00**
(Materials Attached)

- 3. MDOT Agreement: Finson Road Sidewalk, WIN #21661.00**
(Materials Attached)

- 4. MDOT Agreement: Ohio Street and Fourteenth Street Intersection Improvements, WIN #20895.00**
(Materials Attached)

- 5. MDOT Agreement: Union Street and Fourteenth Street Intersection Improvements, WIN #20896.00**
(Materials Attached)

- 6. MDOT Agreement: Maine Avenue Resurfacing, WIN #20857.00**
(Materials Attached)

- 7. MDOT Agreement: Maine Avenue Resurfacing, WIN #20856.00**
(Materials Attached)

- 8. MDOT Agreement: Penobscot River Walk Improvements, WIN #21767.00**
(Materials Attached)

- 9. Basement Sump Pump Informational Mailing**
(Materials Attached)

Memo

To: Infrastructure Committee
Cathy Conlow

From: Andy Rudzinski, Water Quality Director

Date: April 6, 2016

Re: Quarterly Abatement Report

In accordance with City Ordinance concerning sewer user fee abatements, the quarterly report covering January through March 2016 is provided to the Infrastructure Committee for review. Please note this report includes all abatement requests, even those that were denied. I will be available to answer any questions or concerns the Infrastructure Committee may have concerning this report.

2016 ABATEMENTS

ACCOUNT #	PROPERTY OWER	RENTAL/MANAGERS	PROPERTY LOCATION	ABATED PRINCIPAL	ABATEDBILL DATE	DATE OF LETTER
4512205	Adams, Ashley - Pool		38 Catell Street	97.86	8/7/2015	1/21/2016
1111601	Gray, Abigail & Allen, Joseph - Pool		18 Princeton Street	\$39.44	10/9/2015	1/21/2016
2511103	Fairbrother, Susan - Pool		61 Maple Street	\$61.00	10/16/2015	1/21/2016
9421002	Miner, Kristen - Pool		42 Doe Drive	\$69.41	9/25/2015	1/21/2016
5404602	Pelletier, Christopher -Pool		23 Knox Avenue	\$128.70	11/20/2015	1/21/2016
7103306	Robbins, Sean - Pool		20 Bryant Street	\$36.60	12/4/2015	1/21/2016
1613105	Morrison, Angus - Plumbing	Rental	367 Broadway	\$336.28 & \$142.49	7/10/2015 & 10/9/2015	1/21/2016
302602	Throckmorton, Timothy - Plumbing	Rental	230 York Street	\$286.66	10/2/2015	1/21/2016
1107601	Carter, Roy - Plumbing		53 Pleasant View Ave	\$105.30	10/9/2015	1/21/2016
2109801	Greenleaf, Sharon - Plumbing		278 Elm Street	\$169.66	10/16/2015	1/21/2016
2000404	54 Mt Hope Avenue LLC - Plumbing	Andy Stephensen	54 Mount Hope Avenue	\$789.78	10/16/2015	1/21/2016
5205501	Kneeland, Rex - Plumbing	Rental	141 Warren Street	\$122.85	11/13/2015	1/21/2016
5776402	Conlow, Cathering & Webber, John - Plumbing		85 Heather Road	\$175.51	11/20/2015	1/21/2016
6402601	Coffman, Billy - Plumbing	Rental	65 Cedar Street	\$193.06	11/27/2015	1/21/2016
323	Haley, Priscilla - Plumbing		25 Arminta Street	\$29.25	12/4/2015	1/21/2016
7605402	Hall, David - Plumbing		35 Kossuth Street	\$105.30	12/11/2015	1/21/2016
7711801	Graham, John - Plumbing		20 Dunning Boulevard	\$128.70	12/11/2015	1/21/2016
408602	York, Susan - Plumbing	Rental	73-45 East Summer Street	\$368.56	1/10/2016	1/21/2016
1711802	Barker, Virgil - Plumbing	Rental	98 Essex Street	\$304.21	1/8/2016	1/21/2016
5104702	Rogers, Jimmy & Catherine - No reason given	claim of 5 year leak	120 Fourth Street	Denied - Timliness, unpaid sewer		1/25/2016
2303201	Miller, Robert & Roxine - Hot Tub		130 Palm Street	Denied - Historical Usage		1/25/2016
9255401	Holmes, James & Karen - Pool		12 Peach Lane	Denied - 2nd Request		1/25/2016
6005903	Lufkin, Daniel & Tina Lou - Pool		158 West Broadway	Denied - 2nd Request		1/25/2016
6802503	Tatarcyk, Michael & Tracy - Outside Usage	Rental	87 Ohio Street	Denied - Unmetered Outside Usage		1/25/2016
6300402	Chandler, Cheryl - Vandalism		160 Silver Road	\$146.26	11/27/2015	1/25/2016
2773402	Xu, Fuyu & Wang, Qiuli - Plumbing		16 Saratog Avenue	\$286.66	10/23/2015	1/25/2016
2003205	Bulley, Luck - Plumbing		322 Mount Hope Avenue	\$87.75	1/15/2016	1/26/2016
2102402	Burns, John & Sharon - Plumbing	Rental	38 Elm Street	\$46.80 & \$146.26	10/16/15 & 1/15/16	1/26/2016
1803802	Cray, Richard - Plumbing	Rental	184 Stillwater Avenue	\$266.55	1/15/2016	1/28/2016
3737601	Davis, Travis & Harold - Plumbing		805 Essex Street	\$146.26	1/29/2016	3/9/2016
4510401	Trainor, Beverly - Plumbing		26 March Street	\$105.30	11/16/2015	3/9/2016
3203403	Stowe, Daniel & Laura - Plumbing		21 Fern Street	\$163.81	1/22/2016	3/9/2016
1907101	MacDonald, Faye - Plumbing		224 Grove Street	\$117.00	1/15/2016	3/9/2016
4307401	Harrington, Karen & Washburn, Sylvia - Plumbing		57 Larkin Street	\$30.50	2/5/2016	3/9/2016
5801202	Caswell, Roberta - Plumbing		11 Orchard Hills Parkway	\$70.20	2/19/2016	3/9/2016
4309201	Haskell, Brenda - Pool/Ice Rink		122 Harthorn Avenue	\$22.26	11/6/2015	3/11/2016
8100804	Wright, Robert - Plumbing		248 Davis Road	\$386.11	3/11/2016	3/23/2016
2810606	Lane, Darci - Plumbing		201 Juniper Street	\$561.62	1/22/2016	3/23/2016
7608806	Siergiej, Elizabeth - Plumbing		52 Cottage Street	\$380.26	3/11/2016	3/25/2016
6910102	Schwartz, Kara & Kennison, Eric - Plumbing		20 Arminta Street	\$63.10	3/4/2016	3/25/2016
5811305	Tracy, Susan - Plumbing		58 Baldwin Drive	\$35.10	2/19/2016	3/25/2016
6016107	McCourt, David - Plumbing	Rental	196 Webster Avenue	\$491.42	2/26/2016	3/25/2016

Until recent no payments since 2011

COUNCIL ACTION

Item No. _____

Date: April 25, 2016

Item/Subject: Order, Authorizing the City Manager to Execute an Agreement with the Maine Department of Transportation Regarding Overweight Construction Vehicles – Interstate 395 Project, #022644.00

Responsible Department: Engineering

Commentary:

The attached Order is a routine action that would allow overweight construction vehicles on City streets in conjunction with MaineDOT's Interstate 395 pavement milling and overlay project. The project begins at the I-395/Odlin Road Intersection and extends along I-395 for 5.02 miles to Route 1A in Brewer. The work will include the eastbound and westbound travel lanes and the on and off ramps. The contractor will be required to repair any resultant damage to City streets.

A Copy of the Agreement is attached.

John M. Theriault, City Engineer
Department Head

Manager's Comments:

City Manager

Associated Information Agreement

Budget Approval:

Finance Director

Legal Approval:

City Solicitor

Introduced for

- Passage
- First Reading
- Referral



CITY OF BANGOR



(TITLE.) Order, Authorizing the City Manager to Execute an Agreement with The Maine Department of Transportation Regarding Overweight Construction Vehicles- Interstate 395 Project, #022644.00

By the City Council of the City of Bangor:

ORDERED,

THAT the City Manager is hereby authorized and directed to execute an agreement with the Maine Department of Transportation for transporting of construction equipment that exceeds legal weight limits over municipal roads in conjunction with MaineDOT's Interstate 395 pavement mill and overlay project which begins at the Odlin Road Intersection and extends 5.02 miles to Route 1A in Brewer, Project #022644.00.

A copy of the Agreement is attached.

Item No. _____

Date: April 25, 2016

Item/Subject: ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Finson Road Sidewalk, WIN 21661.00

Responsible Department: Engineering

Commentary:

This order would authorize the City Manager to execute a Local Project Agreement with the Maine Department of Transportation for design and construction of a sidewalk on Finson Road for 0.38 miles, beginning at Davis Road and ending 0.04 of a mile south of Blue Hill East.

The Maine Department of Transportation has approved funds in an amount not to exceed \$151,000.00. The total State/Federal share of 80% is equal to \$120,800.00, and the Municipality share of 20% is equal to \$30,200.00. As a condition of this funding, the City is required to enter into a Local Project Agreement with the Maine Department of Transportation.

John M. Theriault, PTOE, PE
Department Head

Manager's Comments:

City Manager

Associated Information: Council Order, Agreement

Budget Approval:

Finance Director

Legal Approval:

City Solicitor

Introduced for
 Passage
 First Reading
 Referral

APRIL 25, 2016

Assigned to Councilor



CITY OF BANGOR

(TITLE.) Order, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Finson Road Sidewalk, WIN 21661.00

(TITLE.) ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – WIN #21661.00, Finson Road Sidewalk Project

ORDERED,

THAT: the City Manager is hereby authorized and directed to execute an agreement with the Maine Department of Transportation for the following:

An Agreement with the Maine Department of Transportation – Finson Road Sidewalk Project, WIN #21661.00

Copy of the agreement is attached.

Item No. _____

Date: April 25, 2016

Item/Subject: ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Ohio Street and Fourteenth Street Intersection Improvements, WIN 20895.00

Responsible Department: Engineering

Commentary:

This order would authorize the City Manager to execute a Local Project Agreement with the Maine Department of Transportation for the design of the replacement of traffic signals, installation of pedestrian signals, rehabilitation of sidewalks and sidewalk ramps, and adjustment of the turning radius at the intersection of Ohio Street and Fourteenth Street.

The Maine Department of Transportation has approved funds in an amount not to exceed \$15,000.00. The total State/Federal share of 90% is equal to \$13,500.00, and the Municipality share of 10% is equal to \$1,500.00. As a condition of this funding, the City is required to enter into a Local Project Agreement with the Maine Department of Transportation.

John M. Theriault, City Engineer
Department Head

Manager's Comments:

City Manager

Associated Information: Council Order, Agreement

Budget Approval:

Finance Director

Legal Approval:

City Solicitor

Introduced for
 Passage
 First Reading
 Referral

APRIL 25, 2016

Assigned to Councilor



CITY OF BANGOR

(TITLE.) Order, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Ohio Street and Fourteenth Street Intersection Improvements, WIN 20895.00

(TITLE.) ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – WIN #20895.00, Ohio Street and Fourteenth Street Intersection Improvement Project

ORDERED,

THAT: the City Manager is hereby authorized and directed to execute an agreement with the Maine Department of Transportation for the following:

An Agreement with the Maine Department of Transportation – Ohio Street and Fourteenth Street Intersection Improvements, WIN #20895.00

Copy of the agreement is attached.

Item No. _____

Date: April 25, 2016

Item/Subject: ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Union Street and Fourteenth Street Intersection Improvements, WIN 20896.00

Responsible Department: Engineering

Commentary:

This order would authorize the City Manager to execute a Local Project Agreement with the Maine Department of Transportation for replacement of traffic signals at the intersection of Union Street (Route 222) and Fourteenth Street and construction of a right-turn lane from Fourteenth Street onto Union Street.

The Maine Department of Transportation has approved funds in an amount not to exceed \$240,865.00. The total State/Federal share of 90% is equal to \$216,778.50, and the Municipality share of 10% is equal to \$24,086.50. As a condition of this funding, the City is required to enter into a Local Project Agreement with the Maine Department of Transportation.

John M. Theriault, City Engineer
Department Head

Manager's Comments:

City Manager

Associated Information: Council Order, Agreement

Budget Approval:

Finance Director

Legal Approval:

City Solicitor

Introduced for
 Passage
 First Reading
 Referral

APRIL 25, 2016

Assigned to Councilor



CITY OF BANGOR

(TITLE.) Order, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Union Street and Fourteenth Street Intersection Improvements, WIN 20896.00

(TITLE.) ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – WIN #20896.00, Union Street and Fourteenth Street Improvement Project

ORDERED,

THAT: the City Manager is hereby authorized and directed to execute an agreement with the Maine Department of Transportation for the following:

An Agreement with the Maine Department of Transportation – Union Street and Fourteenth Street Improvements, WIN #20896.00

Copy of the agreement is attached.

Item No. _____

Date: April 25, 2016

Item/Subject: ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Maine Avenue Resurfacing, WIN 20857.00

Responsible Department: Engineering

Commentary:

This order would authorize the City Manager to execute a Local Project Agreement with the Maine Department of Transportation for resurfacing of 0.4 mile of Maine Avenue from Venture Way to Hammond Street.

The Maine Department of Transportation has approved funds in an amount not to exceed \$577,410.00. The total State/Federal share of 90% is equal to \$519,669.00, and the Municipality share of 10% is equal to \$57,741.00. As a condition of this funding, the City is required to enter into a Local Project Agreement with the Maine Department of Transportation.

John M. Theriault, City Engineer
Department Head

Manager's Comments:

City Manager

Associated Information: Council Order, Agreement

Budget Approval:

Finance Director

Legal Approval:

City Solicitor

Introduced for
 Passage
 First Reading
 Referral

APRIL 25, 2016

Assigned to Councilor



CITY OF BANGOR

(TITLE.) Order, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Maine Avenue Resurfacing, WIN 20857.00

(TITLE.) ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – WIN #20857.00, Maine Avenue Resurfacing from Venture Way to Hammond Street.

ORDERED,

THAT: the City Manager is hereby authorized and directed to execute an agreement with the Maine Department of Transportation for the following:

An Agreement with the Maine Department of Transportation – Maine Avenue Resurfacing, WIN #20857.00

Copy of the agreement is attached.

Item No. _____

Date: April 25, 2016

Item/Subject: ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Maine Avenue Resurfacing, WIN 20856.00

Responsible Department: Engineering

Commentary:

This order would authorize the City Manager to execute a Local Project Agreement with the Maine Department of Transportation for resurfacing of 0.57 mile of Maine Avenue from Johnson Street to Venture Way.

The Maine Department of Transportation has approved funds in an amount not to exceed \$657,828.00. The total State/Federal share of 90% is equal to \$592,045.20, and the Municipality share of 10% is equal to \$65,782.80. As a condition of this funding, the City is required to enter into a Local Project Agreement with the Maine Department of Transportation.

John M. Theriault, City Engineer
Department Head

Manager's Comments:

City Manager

Associated Information: Council Order, Agreement

Budget Approval:

Finance Director

Legal Approval:

City Solicitor

Introduced for
 Passage
 First Reading
 Referral

APRIL 25, 2016

Assigned to Councilor



CITY OF BANGOR

(TITLE.) **Order, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Maine Avenue Resurfacing, WIN 20856.00**

(TITLE.) ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – WIN #20856.00, Maine Avenue Resurfacing from Johnson Street to Venture Way.

ORDERED,

THAT: the City Manager is hereby authorized and directed to execute an agreement with the Maine Department of Transportation for the following:

An Agreement with the Maine Department of Transportation – Maine Avenue Resurfacing, WIN #20856.00

Copy of the agreement is attached.

Item No. _____

Date: April 25, 2016

Item/Subject: ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Penobscot River Walk Improvements, WIN 21767.00

Responsible Department: Engineering

Commentary:

This order would authorize the City Manager to execute a Local Project Agreement with the Maine Department of Transportation for design, right-of-way, construction, and construction engineering for a reconstruction of 750 feet of waterfront sidewalk behind the Sea Dog restaurant, and construction of a new sidewalk for 180 feet along Front Street.

The Maine Department of Transportation has approved funds in an amount not to exceed \$261,630.00. The total State/Federal share of 80% is equal to \$209,304.00, and the Municipality share of 20% is equal to \$52,326.00. As a condition of this funding, the City is required to enter into a Local Project Agreement with the Maine Department of Transportation.

John M. Theriault, City Engineer
Department Head

Manager's Comments:

City Manager

Associated Information: Council Order, Agreement

Budget Approval:

Finance Director

Legal Approval:

City Solicitor

Introduced for
 Passage
 First Reading
 Referral

APRIL 25, 2016

Assigned to Councilor



CITY OF BANGOR

(TITLE.) **Order, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – Penobscot River Walk Improvements, WIN 21767.00**

(TITLE.) ORDER, Authorizing Execution of Agreement for Maine Department of Transportation Local Project – WIN #21767.00, Penobscot River Walk Improvements

ORDERED,

THAT: the City Manager is hereby authorized and directed to execute an agreement with the Maine Department of Transportation for the following:

An Agreement with the Maine Department of Transportation – Penobscot River Walk Improvements, WIN #21767.00

Copy of the agreement is attached.

To: Infrastructure Committee
From: Engineering Department/Waste Water Treatment Plant
Date: April 6, 2016

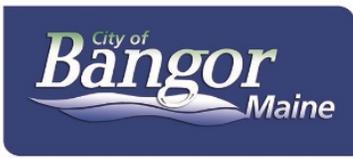
Re: Sump Pump Identification Program

The City of Bangor is initiating a program to locate existing basement sump pumps and foundation drains that are improperly connected to the City's sanitary sewer. These improper connections add groundwater and stormwater flows to the waste water collection system even though these flows do not require treatment at the plant.

As part of the City's efforts to reduce inflows into the sewer system and reduce the occurrences of combined sewer overflows (CSOs), the City is providing a mailing to all city sewer customers to request that the residents provide information on if they have a sump pump (or basement drain) and where that sump pump is connected.

The City will use the provided information when evaluating proposed improvement projects along the sewer collection system and determine if and where sump pumps connection can be modified to eliminate additional flow into the system.

The attached program description will be sent with the next round of sewer bills to residents and businesses within Bangor who are currently receiving City sewer service. This program description will also be placed in the Bangor Daily News to make the public more aware of the program.



WATER QUALITY MANAGEMENT

Andrew F. Rudzinski
Director
andy.rudzinski@bangormaine.gov

Sump Pump Identification Program

The Bangor Wastewater Treatment Plant (WWTP) shows large increases in flow during wet weather, indicating that a significant amount of infiltration and inflow (I/I) exists. I/I is clean water, such as groundwater and stormwater, which enters the sanitary sewer system. Excessive amounts of I/I can contribute to basement sewer backups and combined sewer overflows. I/I also results in higher costs paid by residents for the operation and maintenance of the sewer system.

A large portion of I/I may be from sump pumps improperly connected to the sewer system. State and local regulations prohibit the discharge of sump pumps into the sanitary sewer. A sump pump is properly connected if it discharges to a stormwater drain pipe, to a drywell or to an overland discharge location in your yard or driveway. A sump pump is improperly connected if it discharges to a sanitary sewer when other viable discharge alternatives exist.

The City of Bangor is initiating a program for the identification of improper connections to the sanitary sewer. If you suspect that your sump pump (or basement drain) may be connected to the sanitary sewer, please contact the City of Bangor Sewer Maintenance Department at (207) 992-4513. The City will then arrange for an inspection at a time convenient for you to confirm the discharge location of the sump pump.

During the basement inspection by City employees, the inspector may need to temporarily introduce dye water into the sump pump system to determine the discharge location. The inspector may also take notes and photographs of the basement's internal plumbing and related appurtenances.

Please help Bangor remove extraneous water from the sewer system and thereby minimize the sewer use charges to the residents for wastewater treatment.

760 Main Street • Bangor, Maine 04401

207.992.4477 • Fax 207.947.3537

www.bangormaine.gov

