



City of Biddeford
Capital Projects / Operations Committee

August 19, 2024 at 5:30 PM
City Hall Council Chambers & Zoom

[Join Zoom Meeting Online:](#)

Or call in by phone: +1 312 626 6799
Meeting ID: 95341831847
Passcode: 267623

1. Roll Call
2. Approval of Minutes
 - 2.a Meeting Minutes - June 12, 2024
3. Updates
 - 3.a City Hall Renovations and Clock Tower Restoration
4. New Business
 - 4.a Recommendation - Acceptance of Waterworks Drive as a Public Way
5. Adjourn

City of Biddeford
Capital Projects/Operations Committee
June 12, 2024 6:00 PM Council Chambers & Zoom

Councilor Ortiz: present
Councilor LaFountain: present
Councilor Lessard: excused
Committee Member Boucher: present
Committee Member Deschambault: present

- 1. Roll Call**
- 2. Adjustments to the Agenda**
- 3. Acceptance of the Minutes**

Motion: Councilor Ortiz
Second: Member Boucher
Vote: Unanimous in favor.
Motion passed.

4. Old Business

5. New Business

5.1. FY25 CIP 5 Year Plan (Summary Table and Sheets)

Councilor LaFountain introduced the item and asked each Department Head to briefly summarize their items beginning with Director Jeff Demers who began by explaining the need for replacement of a truck that had been involved in a vehicle fire earlier in the morning. He also noted the possibility of reducing the paving request by \$80,000 in order to fund the purchase of a road widener.

Member Boucher inquired about whether the paving was part of the five year plan. Director Demers confirmed and mentioned the connection to storm drains and sewer lines. He noted the 10-year CSO program and plan for \$40 million more worth of work, noting that the work is coordinated with the timing of street paving. Member Boucher asked what percentage of sewer and stormwater separation work was still left to do. Director Demers answered about 40%, noting that the anticipated impacts of inflation had been incorporated into the request. Member Deschambault asked approximately how long it would take to recoup the investment from the widener due to the labor and contracted cost savings and Director Demers answered about 7-8 years. Councilor LaFountain inquired about staff's ability to drive the widener requested and the efficiencies saved by the similar request last year. Director Demers noted that the amount of the current request for sidewalks was far under the total amount needed. He also explained the reasoning behind sidewalks in different locations using concrete vs. asphalt and the benefits behind the street scanning despite the high cost. There was also discussion of safe streets and any plans for future safety improvement projects.

Police Chief Joanne Fisk explained the need for her first request of new cameras, noting that this request was also in the CIP last year. Councilor Ortiz asked about the expected replacement period which Chief Fisk estimated at approximately 10 years. Member Boucher asked about the total number of cameras. Chief Fisk said there are 23 body worn cameras, 12 cruiser cameras, and various others within the building. Councilor Deschambault asked whether there were any notable technological improvements to the new cameras. Chief Fisk noted that it was more an issue of current cameras not being able to be serviced but there would also be a decade of technological improvements. She then briefly discussed the

replacement vehicle request. Member Boucher asked about the total number of vehicles which Chief Fisk estimated at 22 including cruiser cars, animal control, and her vehicle among others, but said she would follow up to confirm.

Fire Chief Larry Best explained the benefits and expected lifecycle of the EMS Life Pack and AED replacement from his first request, noting that after a certain amount of the time, the equipment is no longer able to be serviced or repaired so they are used until that point. He then noted the uses for the rope rescue included in his second request which is currently at the end of its useful life. Chief Best then discussed the thermal imaging cameras which are beyond their expected useful life.

Chief Best then moved to the vehicle request list and explained the changes to the process due to the increasingly long lead times for the vehicles requested, particularly the ambulance and fire truck. He also stressed the need to keep vehicles on a regular replacement cycle due to these lead times as the trucks cannot be easily replaced once they start to experience mechanical issues. Member Boucher inquired about the use of spares and the reasoning behind selecting certain types of vehicles. He also asked whether these vehicles are still being bid on and Chief Best explained that the procurement process is sometimes waived for certain reasons but still happens. Councilor LaFountain asked about the use of the pickup truck. Chief Best noted the multiple emergency-related functions of the vehicle which make it difficult to swap out with any other existing vehicles in the fleet.

Member Deschambault asked whether any electric vehicles had been considered. Chief Best noted that they had been watching the development of the technology for fire trucks but noted the significantly higher cost.

Member Boucher asked about the brush truck and Chief Best noted that it had been deferred as part of the budget process. A portion of the EMS grant will be used to upgrade a different vehicle to be used in place of the brush truck for now to extend the life expectancy.

Motion: Councilor Ortiz motion for the current recommendations of the City Manager.

Second: Member Deschambault

Motion: Councilor Ortiz motion amend the recommendations to reduce road paving by \$80,000 in order to fund the purchase of the road widener.

Second: Councilor LaFountain

Motion passed.

Motion: Councilor LaFountain motion to allocate \$4,510 unspent funds to sidewalk repair to increase the allocation from \$65,000 to \$69,510.

Motion passed.

5.2. Site Visits feedback and follow-up

Member Boucher expressed his support for the use of Seeds of Hope and asked for updates on the City Hall renovations.

5.3. FY24 Capital Projects Remaining \$100K-Recommend Allocating Funds to the Biddeford Ice Arena for Repair and Replacement of Block Wall on SE Facing (Alfred St.) Side

Public testimony from Jim Mulligan about the need for the repairs and plan to address the problem. Member Boucher asked whether the allocated funds would be enough to finish the job. Mulligan noted that the grand total, including the arena's funds, should be enough. Councilor Ortiz asked about any

funding from the City and Mulligan confirmed that there has been support in terms of being a conduit for financing but the funds did not come from the City. Councilor LaFountain inquired about whether there might be any opportunities to help raise revenues to support the area in the future. Mulligan confirmed that they haven't been formally considered up to this point but that ideas were welcome and would be considered. Member Deschambault expressed support for the idea of hosting more City events at the area, noting the valuable space and parking, particularly compared to the downtown area.

Motion: Member Boucher motion to allocate the funds as recommended.

Vote: Unanimous in favor.

Member Boucher motion to adjourn at 7:27 pm.

Vote: Unanimous in favor.

Meeting adjourned.



Capital Projects / Operations Committee

Meeting Date: August 19, 2024
Meeting Time: 5:30 PM
Agenda Item No: 4.a
Item Description: Recommendation - Acceptance of Waterworks Drive as a Public Way
Submitted By: Jeff Demers, Director of Public Works

Supporting Information/Documentation:

Waterworks Drive ROW Exhibit - FINAL, MWC Letter to City for Future Conveyance, Hidden Hills Deed - Final Unsigned, MWC Deed - Final Unsigned, Shaw Brothers Letter

Key Terms:

Executive Summary:

Matt Chamberlain, the developer of Hidden Hills, has formally requested that Waterworks Drive be accepted as a public street.

Detailed Review:

Waterworks Drive was built to access Maine Water Company's new treatment facility off of South Street and received final paving in the fall of 2021. The road was designed per City ordinances and was built per-plan by Shaw Brothers; see attached confirmation letter.

In 2024, the Hidden Hills Development received Final Planning Board approval with two notable requirements:

- a. Since it is a mobile home park, the development requires two access drives from a Public City Street; therefore requiring Waterworks Drive to Publicly accepted
- b. An at-grade sidewalk was to be installed to provide safe pedestrian access from South Street to the development, which Foglio built this summer (with applicable performance bonding still in-place)

This Public Roadway acceptance consists of two parcels, one owned by the Hidden Hills development and one owned by the Maine Water Company. A final right-of-way exhibit with applicable easements is attached.

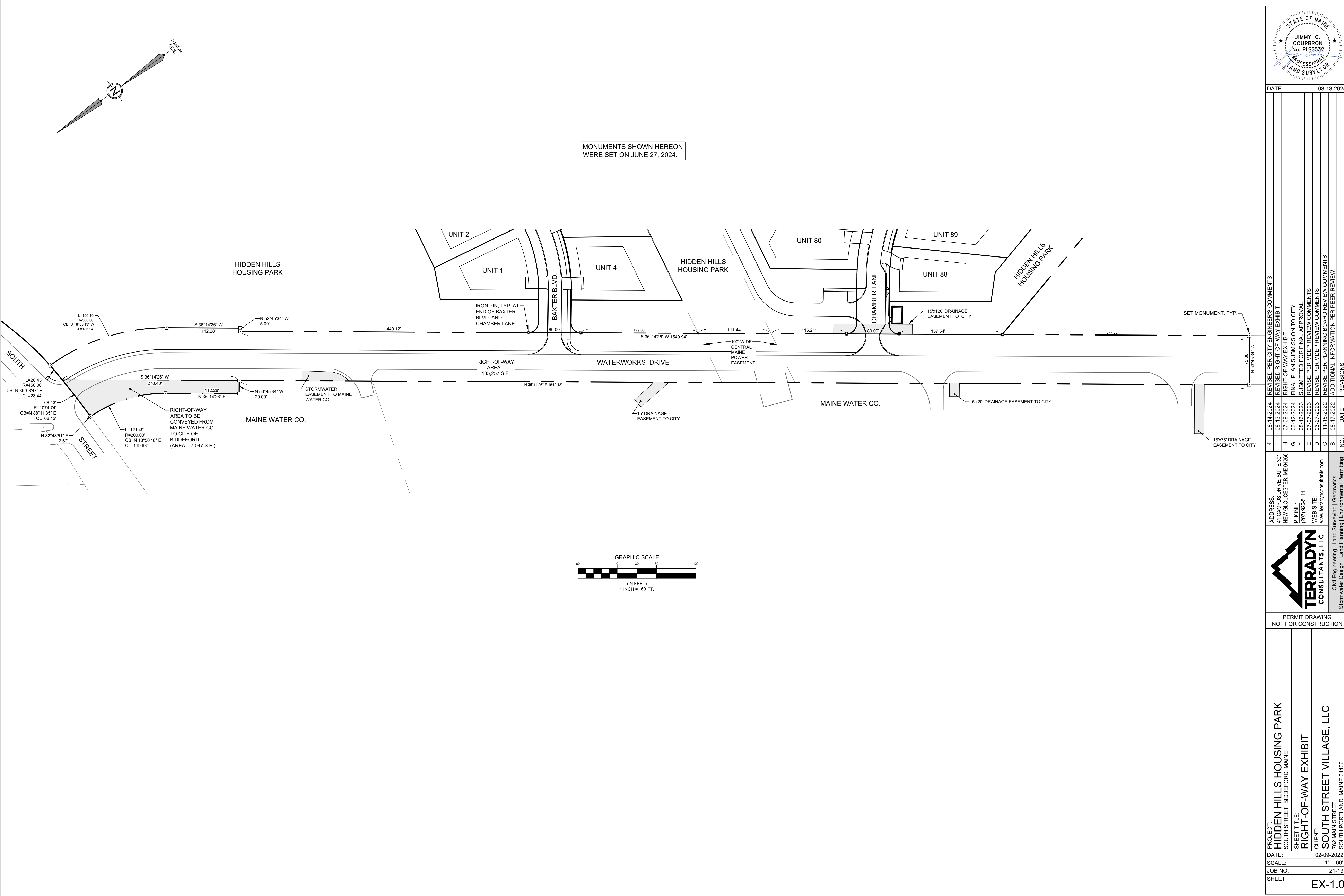
Note: The Maine Water Company's Board of Directors has not approved this parcel conveyance, but plan to-do so at their September board meeting; see attached letter.

Final signed and recorded deeds are outstanding and should be a condition of final approval for Public Road Acceptance.

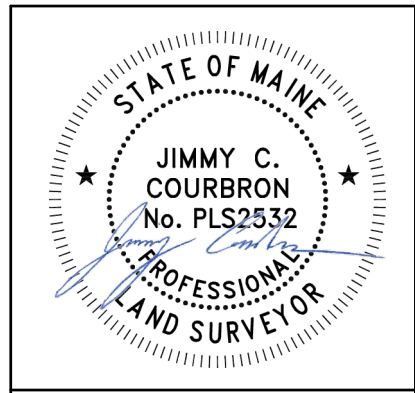
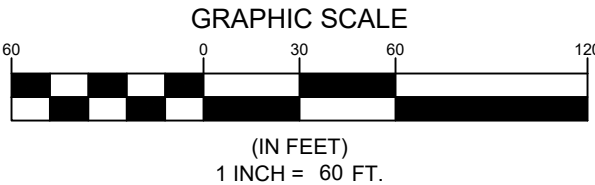
Funding Source:

Staff Recommendation:

The City's Public Works Director recommends moving forward with the acceptance of Waterworks Drive as a public street. Public works would take care of all maintenance going forward within the described right of way plan. The Public Works Director is requesting the City Council accept the street as a public road with the following contingencies: Maine Water Company delivers the final deed through its board and lenders, all deeds are signed and recorded, and that all deeds are reviewed by the City's attorney before accepting.



MONUMENTS SHOWN HEREON
WERE SET ON JUNE 27, 2024.



DATE: 08-13-2024

REVISIONS		DATE	REVISIONS
J	08-14-2024	REVISED PER CITY ENGINEER'S COMMENTS	
I	08-15-2024	REVISED RIGHT-OF-WAY EXHIBIT	
H	07-09-2024	RIGHT-OF-WAY EXHIBIT	
G	03-12-2024	FINAL PLAN SUBMISSION TO CITY	
F	08-16-2023	SUBMITTED FOR FINAL APPROVAL	
E	07-07-2023	REVISED PER WDEP REVIEW COMMENTS	
D	03-27-2023	REVISED PER WDEP REVIEW COMMENTS	
C	11-16-2022	REVISED PER PLANNING BOARD REVIEW COMMENTS	
B	08-17-2022	ADDITIONAL INFORMATION PER PEER REVIEW	
NO			

ADDRESS:
41 CAMPUS DRIVE, SUITE 301
NEW GLOUCESTER, ME 04260

PHONE:
(207) 926-5111

WEB SITE:
www.terradynconsultants.com

TERRADYN
CONSULTANTS, LLC

Civil Engineering | Land Surveying | Geomatics
Stormwater Design | Land Planning | Environmental Permitting

PERMIT DRAWING
NOT FOR CONSTRUCTION

PROJECT:
HIDDEN HILLS HOUSING PARK
SOUTH STREET, BIDDEFORD, MAINE

SHEET TITLE:
RIGHT-OF-WAY EXHIBIT

CLIENT:
SOUTH STREET VILLAGE, LLC
782 MAIN STREET
SOUTH PORTLAND, MAINE 04106

DATE: 02-09-2022

SCALE: 1" = 60'

JOB NO: 21-13

SHEET: EX-1.0



August 14, 2024

Biddeford City Council
205 Main Street
Biddeford, Maine 04005

Re: Waterworks Drive Acceptance

Dear Members of the Biddeford City Council:

This letter is intended to confirm Maine Water Company's willingness to convey a portion of its property located at the intersection of South Street and Waterworks Drive to the City of Biddeford in connection with the City's acceptance of a portion of Waterworks Drive as a public way as part of South Street Village LLC's development of its property adjacent to the Company's recently completed water treatment facility. The portion of the Company's property is depicted on plans that have been circulated to us and our attorney, Rick Shinay of the firm of Drummond Woodsum, by South Street's attorney, Paul Weinstein of the firm of Weinstein, Lovell & Ordway, P.A., with respect to the Waterworks Drive acceptance process. Prior to the Company's execution and delivery of its Deed to the City, the Company's Board of Directors and the Company's lender will need to consent to the conveyance. The Board is scheduled to take this matter up at its September 19 meeting and, assuming Board approval, which we anticipate will be granted, Attorney Shinay will promptly seek the consent of our lender, which we also anticipate will be forthcoming.

Please contact me should you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Cummons".

Mike Cummons
Vice President
Maine Water Company

cc: Paul D. Weinstein, Esq.
Richard A. Shinay, Esq.

WARRANTY DEED

KNOW ALL PERSONS BY THESE PRESENTS, THAT SOUTH STREET VILLAGE LLC, a Maine corporation with offices in South Portland, in the County of Cumberland and State of Maine, for good and valuable consideration, grants to the CITY OF BIDDEFORD, a municipal corporation with a mailing address of 205 Main Street, Biddeford, Maine, with Warranty Covenants, for highway purposes and without claim for damages, all of its right, title and interest in and to the street known as Waterworks Drive described in Exhibit A annexed hereto and made a part hereof and as depicted on the subdivision plan entitled "Hidden Hills Housing Park" dated February 9, 2022, with revisions through July 24, 2024, and recorded in the York County Registry of Deeds in Plan Book 441, Page 15, to which plan reference may be made for a more particular description of the premises hereby conveyed; together with all of the rights appurtenant thereto.

TOGETHER WITH a perpetual easement over a strip of land on the easterly sideline of Waterworks Drive for all purposes relating to the installation and maintenance of drainage ways and structures, said easement being fifteen (15) feet in width and extending thirty (30) feet beyond each end of the culvert to be installed underneath Chamber Lane as showed on the Hidden Hills Housing Park plan. This easement shall include the right of entry by persons and machines provided that the entity exercising the right to construct or maintain such easement areas or drainage ways shall suitably re-grade, repair, and/or re-seed any areas disturbed by such construction or maintenance, and restore them to their condition existing prior to such entry. Subject to the rights of the Grantor to use such areas for all purposes not inconsistent with the easement conveyed herein.

SUBJECT TO the rights of Grantor and The Maine Water Company, their successors and assigns, to connect with, maintain, repair and replace any above above-ground and underground utility and communication lines including, but not limited to, water lines, sewer lines, power lines, telephone and internet communication lines, and gas lines, serving The Maine Water Company's adjoining property, or any portion thereof, that have been located within the premises conveyed herein by The Maine Water Company pursuant to that certain Easement Deed from the Grantor to The Maine Water Company dated June 23, 2020, and recorded in the York County Registry of Deeds in Book 18290, Page 241, subject to all terms and conditions of said Easement Deed.

IN WITNESS WHEREOF, the Grantor has caused this instrument to be signed and sealed by Matthew Chamberlain, its Member thereunto duly authorized this ____ day of _____, 2024.

Signed, sealed and delivered
In the presence of

SOUTH STREET VILLAGE LLC

WITNESS

By: Matthew Chamberlain
Its: Member

STATE OF MAINE
COUNTY OF YORK

_____, 2024

Personally appeared the above-named Matthew Chamberlain, in his capacity as Member of South Street Village LLC and acknowledged the foregoing instrument to be his free act and deed in his said capacity and the free act and deed of South Street Village LLC.

Before me,

Notary Public / Attorney at Law

Name:

Commission expires:

EXHIBIT A

A certain strip of land situated on the southerly sideline of South Street, in the City of Biddeford, County of York, State of Maine, and being more particularly described as follows:

Beginning on the southerly sideline of South Street and being at the northeast corner of land now or formerly of Maine Water Co. as described in a deed dated March 29, 2019 and recorded in the York County Registry of deeds in Book 17919, Page 909;

- 1) Thence, northeasterly along the southerly sideline of South Street, on a curve to the left, having a radius of four hundred fifty and 00/100 feet (450.00') with an arc length of twenty-eight and 45/100 feet (28.45'), said curve also having a chord bearing of N 86° 08' 47" E with a chord length of twenty-eight and 44/100 feet (28.44') to a 4"x4" granite monument set;
- 2) Thence, on a curve to the right, having a radius of three hundred and 00/100 feet (300.00') with an arc length of one hundred ninety and 10/100 feet (190.10'), said curve also having a chord bearing of S 18° 05' 13" W with a chord length of one hundred eighty-six and 94/100 feet (186.94') to a granite monument set;
- 3) Thence, S 36° 14' 26" W a distance of one hundred twelve and 28/100 feet (112.28') to a 4"x4" granite monument set;
- 4) Thence, N 53° 45' 34" W a distance of five feet and 00/100 feet (5.00') to a 4"x4" granite monument set;
- 5) Thence, S 36° 14' 26" W a distance of one thousand five hundred forty and 94/100 feet (1,540.94') to a 4"x4" granite monument set;
- 6) Thence, N 53° 45' 34" W a distance of seventy-five and 00/100 feet (75.00') to a 4"x4" granite monument set on the southeasterly sideline of land now or formerly of Biddeford & Saco Water Company as described in a deed dated April 13, 1981 and recorded in the York County Registry of Deeds in Book 2775, Page 9;
- 7) Thence, N 36° 14' 26" E along the southeasterly sideline of said Biddeford & Saco Water Company (2775/9) and the southeasterly sideline of said Maine Water Co.(17919 / 909) a distance of one thousand eight hundred twelve and 53/100 feet (1,812.53') to the Point of Beginning.

Reference is made to a plan entitled “Existing Conditions Survey of Land of South Street Village, LLC” dated June 23, 2022 prepared by NORSE Northern Survey Engineering. The above-described easement contains 135,257 square feet more or less. The bearings referred to above are referenced to Grid North, Maine State Plane Coordinate System, West Zone 1802-NAD83. Being a portion of the premises as described in a deed dated August 15, 2017 and recorded at the York County Registry of Deeds in Book 17541, Page 869.

SUBJECT TO a certain stormwater maintenance easement in favor of Maine Water Company, its successors and assigns, for the purposes of the maintenance, repair, and replacement of a soil filter on adjacent land of Maine Water Company pursuant to that certain Easement Deed from South Street Village, LLC to The Maine Water Company dated June 23, 2020, and recorded in the York County Registry of Deeds in Book 18290, Page 241, said easement area being located within the above-described premises, and being more particularly described as follows:

Beginning on the northwesterly sideline of Waterworks Drive at a point that is N 36°14'26" E a distance of 1,374.61 feet from a 4"x4" stone monument set at the southwesterly terminus of the Waterworks Drive conveyed herein, as shown on a plan entitled “Right of Way Exhibit, Hidden Hills Housing Park,” prepared for South Street Village LLC by Terradyn Consultants, LLC last revised on August 14, 2024, and on file with the City of Biddeford’s engineer;

- 1) Thence N 36°14'26" E, along the northwesterly sideline of Waterworks Drive, a distance of 72.18 feet;
- 2) Thence S 52°03'54" E a distance of 15.03 feet;
- 3) Thence S 37°56'06" W a distance of 41.86 feet the start of a tangential curve;
- 4) Thence southwesterly along a tangential curve concave to the right and that has the following curve elements: a radius of 42.00 feet, an arc length of 33.82 feet and a chord that bears S 61°00'10" W for a distance of 32.91 feet to the Point of Beginning.

Containing approximately 900 square feet.

The bearings referred to above are referenced to Grid North, Maine State Plane Coordinate System, West Zone 1802-NAD83. Reference is made to a plan entitled “Existing Conditions Survey of Land of South Street Village, LLC” dated June 23, 2022 prepared by NORSE Northern Survey Engineering.

The City of Biddeford shall have no obligation to maintain the soil filter within the above-described easement by virtue of its acceptance of this deed, such obligations to remain with Maine Water Company, its successors and assigns.

RELEASE DEED

THE MAINE WATER COMPANY, a corporation organized and existing under the laws of the State of Maine, with a mailing address of 93 Industrial Park Road, Saco Maine 04072-1804 (the "Grantor"), for consideration paid, RELEASES to the CITY OF BIDDEFORD, a Maine municipal corporation, with a mailing address of 205 Main Street, Biddeford, Maine, for highway purposes and without claim for damages, all of its right, title and interest in and to that portion of the street known as Waterworks Drive more particularly described in Exhibit A attached hereto and made a part hereof, reference being made to a subdivision plan entitled "Hidden Hills Housing Park" dated February 9, 2022, revised through July 24, 2024 and recorded in the York County Registry of Deeds in Plan Book 441, Page 15 (the "Plan"), on which Plan Waterworks Drive is shown.

TOGETHER WITH three certain drainage easements, each being fifteen (15) feet in width as depicted on the plan entitled "Right of Way Exhibit, Hidden Hills Housing Park," prepared for South Street Village LLC by Terradyn Consultants, LLC last revised on August 14, 2024, and recorded in the York County Registry of Deeds in Plan Book ____, Page ____, for all purposes relating to the installation and maintenance of drainage ways and related structures. This easement shall include the right of entry by persons and machines provided that the entity exercising the right to construct or maintain such easement areas or drainage ways shall suitably re-grade, repair, and/or re-seed any areas disturbed by such construction or maintenance and restore them to their condition existing prior to such entry. Subject to the rights of the Grantor to use such areas for all purposes not inconsistent with the easement conveyed herein.

SUBJECT TO the Grantor's right to maintain, repair and replace and above above-ground and underground utility and communication lines including, but not limited to, water lines, sewer lines, power lines, telephone and internet communication lines, and gas lines, serving the Grantor's remaining property, or any portion thereof, that may be located within the premises conveyed herein.

Reference is made to a Warranty Deed to the Grantor from Medrick S. Payette, Jr. and Cecile F. Payette dated March 29, 2019, and recorded in the York County Registry of Deeds in Book 17919, Page 909, and Book 17920, Page 831, for the Grantor's source of title to the premises conveyed herein.

IN WITNESS WHEREOF, THE MAINE WATER COMPANY has caused this instrument to be executed by Mark A. Vannoy, its President, thereunto duly authorized, this ____ day of _____, 2024.

WITNESS:

THE MAINE WATER COMPANY

By: _____
Mark A. Vannoy
Its President

STATE OF MAINE
COUNTY OF YORK, ss.

_____, 2024

Then personally appeared the above-named Mark A. Vannoy, President of THE MAINE WATER COMPANY, and acknowledged the foregoing instrument to be his free act and deed in his said capacity and the free act and deed of THE MAINE WATER COMPANY.

Before me,

Notary Public/Maine Attorney at Law

Print Name

My commission expires

MORTGAGEE'S JOINDER

U.S. BANK NATIONAL ASSOCIATION, not individually but solely in its capacity as successor Trustee under an Indenture from Biddeford & Saco Water Company, predecessor to The Maine Water Company, to Union Safe Deposit and Trust Company, as initial Trustee, dated as of August 1, 1923, and recorded in the York County Registry of Deeds in Book 727, Page 2, as amended and supplemented to date (collectively, the "Indenture"), hereby joins in the Deed to which this Mortgagee's Joinder is attached for the sole and limited purpose of releasing the premises described in said Deed, and no other, from the Indenture. This Mortgagee's Joinder shall in no way affect or impair the right of U.S. BANK NATIONAL ASSOCIATION to hold under the Indenture, as security for the sums remaining due thereon, all the remainder of the mortgaged premises therein conveyed or described and not hereby released.

IN WITNESS WHEREOF, U.S. BANK NATIONAL ASSOCIATION, as Trustee as aforesaid, has caused this Mortgagee's Joinder to be executed by _____, its _____, thereunto duly authorized, as of the _____ day of _____, 2024.

WITNESS:

U.S. BANK NATIONAL
ASSOCIATION, as Trustee as
aforesaid

By: _____

Its _____

Print name

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF SUFFOLK, ss.

_____, 2024

Then personally appeared the above-named _____,
_____ of U.S. BANK NATIONAL ASSOCIATION, and acknowledged the
foregoing instrument to be his/her free act and deed in his/her said capacity and the free act and
deed of said U.S. BANK NATIONAL ASSOCIATION, as Trustee as aforesaid.

Before me,

Notary Public

Print name

My commission expires _____

EXHIBIT A

A certain parcel of land situated on the southerly side of South Street, so called, in the City of Biddeford, County of York, State of Maine, being more particularly bounded and described as follows:

Beginning on the southerly sideline of South Street and being at the northeast corner of the Grantor herein as described in a deed dated March 29, 2019 and recorded in the York County Registry of deeds in Book 17919, Page 909;

- 1) Thence S $36^{\circ} 14' 26''$ W, along the southeasterly line of the Grantor herein, a distance of 270.40 feet to a 4"x4" granite monument set;
- 2) Thence N $53^{\circ} 45' 34''$ W, through land of the Grantor herein, a distance of 20.00 feet to a 4"x4" granite monument set;
- 3) Thence, N $36^{\circ} 14' 26''$ E, through land of the Grantor herein, a distance of 112.28 feet to a 4"x4" granite monument set at the start of a tangential curve;
- 4) Thence northeasterly, through land of the Grantor herein, along a tangential curve concave to the left and that has the following curve elements: a radius of 200.00 feet, an arc length of 121.49 feet and a chord that bears N $18^{\circ} 50' 18''$ E for a distance of 119.63 feet to a 4"x4" granite monument set on the southerly sideline of South Street;
- 5) Thence N $82^{\circ} 48' 51''$ E, along the southerly sideline of South Street, a distance of 2.62 feet to the start of a tangential curve;
- 6) Thence northeasterly, along the southerly sideline of South Street, along a non-tangential curve concave to the left and that has the following curve elements: a radius of 1074.74 feet, an arc length of 68.43 feet and a chord that bears N $88^{\circ} 11' 35''$ E for a distance of 68.42 feet to the Point of Beginning.

Containing approximately 7,047 square feet.

Reference is made to a plan entitled "Existing Conditions Survey of Land of South Street Village, LLC" dated June 23, 2022 prepared by NORSE Northern Survey Engineering. The bearings referred to above are referenced to Grid North, Maine State Plane Coordinate System, West Zone 1802-NAD83. Being a portion of the premises as described in a deed dated March 29, 2019 and recorded at the York County Registry of Deeds in Book 17919, Page 909.



SHAW BROTHERS CONSTRUCTION, INC.

P.O. Box 69 • 341 Mosher Road • Gorham, Me 04038

Tel: (207) 839-2552 • Fax: (207)839-6239

Website: www.shawbrothers.com

May 29, 2024

Mr. Jeffery Demers, Public Works Director
City of Biddeford, Maine
371 Hill Street
Biddeford, Maine 04005

Subject: Waterworks Drive Construction – Maine Water – Biddeford Water Treatment Facility

Dear Jeff,

I was Shaw Brothers Construction, Inc's Superintendent for the Maine Water Company's new Biddeford Water Treatment Facility, located off South Street, Biddeford, Maine. I hereby certify the construction of Waterworks Drive was completed in accordance with the issued for construction plans and specifications designed by Hazen and Sawyer Engineers of Boston, MA and Walsh Engineering and Associates of Westbrook, ME.

The roadway subgrade was graded with a crown at the centerline and compacted using a 24,000-pound smooth drum roller. Aggregate Sub-base Course Gravel, MDOT 703.06(c) Type-D was installed 24" in thickness in two 12" lifts. The Type-D Gravel toes out at the point where subgrade daylight to the roadway in-slope or ditch. The Aggregate Base Course Gravel, MDOT 703.06(a) Type A was installed 4" in thickness to the edge of the shoulders. Hot Mix Asphalt Base Course Pavement, MDOT 703.09 – Type 19 mm was installed 3" in thickness. Hot Mix Asphalt Surface Course Pavement, MDOT 703.09 – Type 9.5 mm was installed 2" in thickness.

The Roadway was constructed in three phases. Early on in the project, Spring of 2020, we constructed the roadway up to the top of Type-D Sub-base Gravel. The roadway received heavy construction traffic during the spring, summer and fall of 2020. We installed the Base Gravel and Binder Pavement in the Fall of 2020. The roadway received heavy construction traffic during the 2021 construction year. We installed the surface pavement in the fall of 2021.

If you have any questions or require any additional information, please feel free to contact me.

Sincerely,

John Garvin

John Garvin
Construction Superintendent.