

Environmental Protection
Water Resource Protection
Administration Building

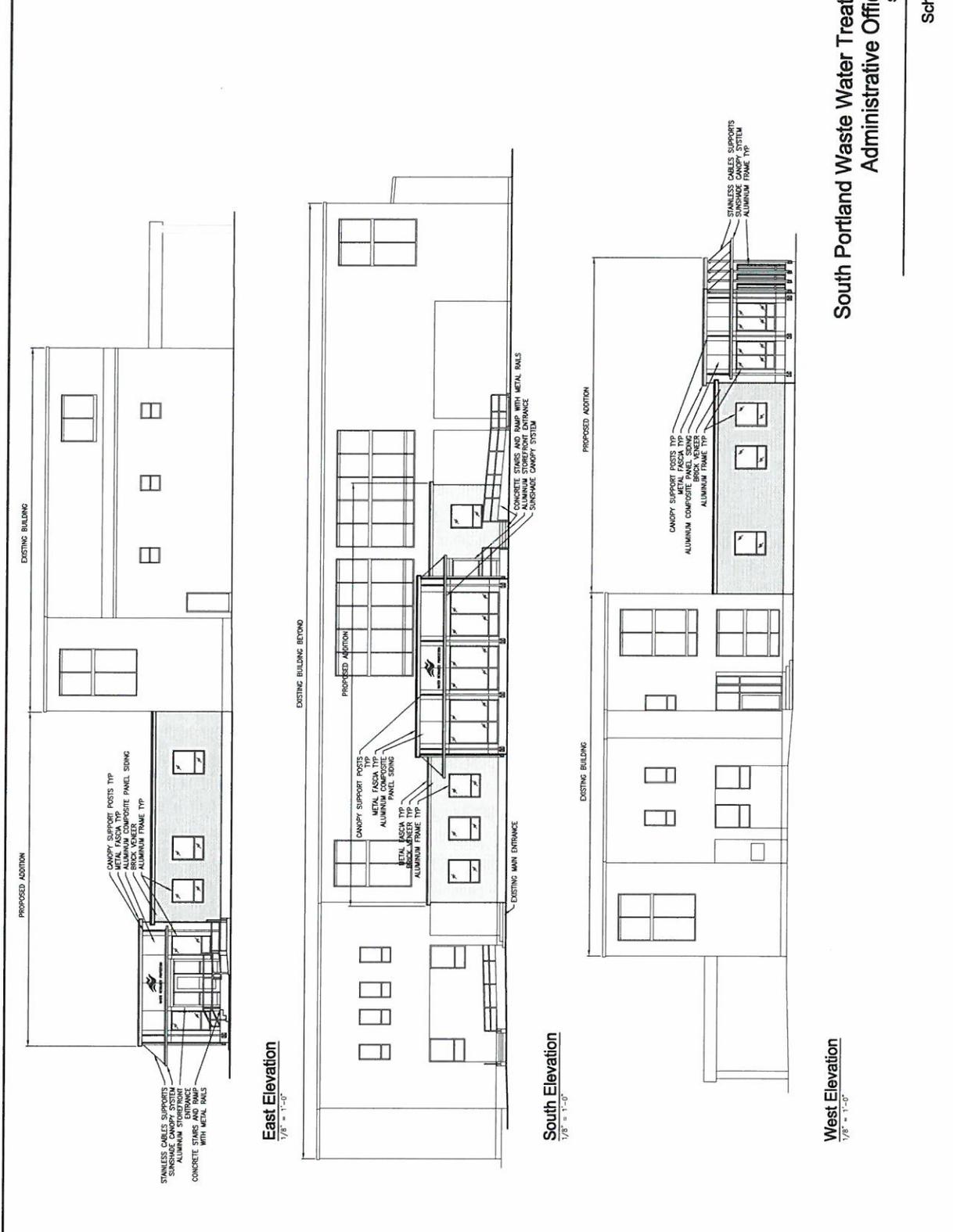
This 2016 capital improvement is for a building addition to accommodate the expanding staff needs for administrative space, records storage, and relocation of the IT system.

The Department has made some organizational changes that have required the movement of maintenance staff to the treatment plant as well as the addition of an engineering division. The office space that was once adequate for staff is now inadequate with the expanding needs being realized. Along with making space available for current needs, a building addition allows the opportunity for future growth and also becomes more accommodating for current customer service as well as expected increase in customer service for the future. We have had many older people climbing stairs to the second floor without an elevator in the existing building. The new building is on the ground level and ADA compliant which negates the need for any future consideration for an elevator. This also provides the public an entryway into the treatment plant site and conduct business without having to go into the operations building.

The interior renovations for the employees on the first floor at the plant have been successfully completed. This project was originally part of the administration building addition. The modifications were for an employee locker room and breakroom areas on the first floor. The project also included the replacement of the 35 year old treatment plant boilers. Utility accommodations for the building addition have been taken into consideration in this project. The water, sewer, electrical, boiler sizing, and expansion of the solar hot water have been considered in anticipation of the building addition and were included as part of the interior renovation project construction and cost. In consideration of an alternative to the building, the Department discussed the possibility of leasing the space the South Portland Housing Authority had available on the second floor at 100 Waterman Drive. In the end, the cost for a ten year term on the same amount of space, considering operating costs, lease rate, and fit-up costs would cost the City \$797,667 over ten years. The cost estimate for this project has been investigated in a preliminary design report (PDR) and has been projected to be \$1.20M. One of the unanticipated costs in the project is the cost of pile supports for the building. The geotechnical report places the building on an old dump site so pilings would be required. There is also the added cost of stormwater infrastructure and green technology included in the project. The stormwater treatment requirements include permeable pavers, underdrain soil filters or bioretention, and landscaping. In reducing the carbon footprint, the project will be utilizing heat exchange pumps from the treatment plant and solar gain to reduce the energy consumption. The solar gain will be realized in a future solar wall installation on the operations building that will also double as a mechanism for preheating HVAC makeup air.

This request supplements the funding gap from the earlier CIP request in 2012. There is a \$442,000 balance after the interior renovations project was completed.

Project Cost:	\$758,000
Funding Source:	Sewer User Fund Surplus
Source of Cost Estimate:	SMRT Architects
Projected Useful Life:	50 years



**South Portland Waste Water Treatment Plant
 Administrative Office Addition**
 South Portland, Maine

Schematic Design
 Elevations

November 6, 2013



Environmental Protection
Water Resource Protection
Sandy Hill Road Sewer Separation Project

This 2016 capital improvement project request is for the installation of 350-feet of new storm drain line to separate four catch-basins along Sandy Hill Road between Baird Circle and Dyke Farm Road. This section of the Country Gardens Subdivision was built in the late 1960's and the four catch-basins were connected to the sanitary sewer rather than a separate storm water system.

As a result, during heavy rain events the sanitary sewer becomes overburden with stormwater flow causing the sewer system to back up into several homes along this section. Furthermore, the foundation drains along the section of roadway are also tied into the sewer system compounding the issue.

The project will provide a new separate stormwater pipe to create additional capacity within the sewer and a new stormwater pipe stub onto each lot for the homes to connect their foundation and sump pumps into. The cost of this project was developed by Sebago Technics, the City's Engineering Consulting Firm.

Project Cost	\$140,000
Funding Source	TIF Funding
Source of Cost Estimate:	Sebago Technics
Projected Useful Life:	65 years

South Portland Water Resource Protection
 Project No. 2014-058
 Preliminary Engineers Opinion of Probable Cost - REVISED COST
 Sandy Hill Storm Drain Upgrades - Revised Alignment



Item No.	Item	Unit	Unit Price	Total Quantity	Total Cost	
1	202.20	Remove Bituminous Concrete Pavement	SY	\$ 3.00	720	\$ 2,160.00
2	203.20	Common Excavation	CY	\$ 12.50	10	\$ 125.00
3	203.25	Granular Borrow	CY	\$ 25.00	10	\$ 250.00
4	203.35	Crushed Stone (Overdepth)	CY	\$ 30.00	10	\$ 300.00
5	206.061	Structural Earth Excavation (Overdepth)	CY	\$ 25.00	10	\$ 250.00
6	206.07	Structural Rock Excavation	CY	\$ 150.00	10	\$ 1,500.00
7	304.09	Agg Base Course Type A	CY	\$ 32.00	100	\$ 3,200.00
8	304.10	Agg Subbase Course Type D	CY	\$ 25.00	260	\$ 6,500.00
9	312.10	Bit Driveway Apron	SY	\$ 45.00	50	\$ 2,250.00
10	403.207	Hot Mix Asphalt 19.0 MM	T	\$ 95.00	140	\$ 13,300.00
11	403.210	Hot Mix Asphalt 9.5mm	T	\$ 95.00	80	\$ 7,600.00
12	603.159	12-inch Diameter PVC or HDPE Storm Drain Pipe	LF	\$ 60.00	685	\$ 41,100.00
13	604.131	4-foot DIA CB	EA	\$ 4,000.00	1	\$ 4,000.00
14	604.15	4-foot DIA MH	EA	\$ 4,000.00	2	\$ 8,000.00
15	604.161	Modify Structure	EA	\$ 800.00	5	\$ 4,000.00
16	608.08	Reinforced Concrete Sidewalk	SY	\$ 70.00	50	\$ 3,500.00
17	609.31	Bituminous Curb	LF	\$ 6.50	355	\$ 2,307.50
18	615.072	Loam, Seed and Mulch	LS	\$ 5,000.00	1	\$ 5,000.00
19	629.05	Hand Labor, Straight Time	HR	\$ 35.00	5	\$ 175.00
20	629.06	Mason, Straight Time	HR	\$ 45.00	5	\$ 225.00
21	631.105	Air Toll and Compressor	HR	\$ 50.00	5	\$ 250.00
22	631.12	All Purpose Excavator (inc operator)	HR	\$ 100.00	5	\$ 500.00
23	631.172	Truck - Large or Small (inc operator)	HR	\$ 65.00	5	\$ 325.00
24	631.22	Front End Loader (inc operator)	HR	\$ 95.00	5	\$ 475.00
25	631.36	Foreman, Straight Time	HR	\$ 55.00	5	\$ 275.00
26	652.38	Flagger	LS	\$ 2,500.00	1	\$ 2,500.00
27	652.39	Work Zone Traffic Control	LS	\$ 2,500.00	1	\$ 2,500.00
28	656.75	Temp. Soil and Water Pollution Control	LS	\$ 2,500.00	1	\$ 2,500.00
29	801.03	Test Pits	VF	\$ 50.00	30	\$ 1,500.00
30	803.134	4" Storm Drain House Lateral Stub	LF	\$ 25.00	380	\$ 9,500.00
31	825.58	Water Service Relocation	EA	\$ 100.00	3	\$ 300.00
Sub Total						\$ 126,367.50
Contingency (10% of subtotal)						\$ 12,700.00
Total						\$ 139,067.50

Notes and Assumptions

- Opinion of probable construction cost does not include any cost for legal, engineering, survey/layout services, or acquisition of ROW/easements
- No subsurface exploration information was provided for this project; therefore assumptions we made for quantifying structure excavation.
- Per a phone conversation with Dave Thomes of So. Portland WRP district, pipe run CB_6279 to CB_6281 was increased to 12-inch diameter
- Excavation and backfill items assumed at 4-foot trench width. Gravels assumed at 5-foot trench width, and pavement assumed at 6-foot width
- Existing concrete sidewalk panels assumed at 5'x5'
- Item 604.161 Modify Structure, shall include plug existing pipes to be abandoned, coring new inverts with boots, and adjusting to grade.
Modify Structure measurement shall be per structure regardless of the number of modifications made to the structure.
- Based on conceptual storm drain alignment by Sebago Technics.

SANDY HILL ROAD QUANTITY - REVISED ALIGNMENT

202.20	Remove Bituminous Concrete Pavement			QTY		720.00
	<u>Pipe</u>	Length (FT)	Width (FT)	Total SY		
	12" pipe	685	6	456.67		
	House Stubs	355	6	236.67		
		0+00		0.00		
203.2	Common Excavation			QTY		10.00
	<u>Pipe</u>	Length (FT)	Width (FT)	Depth (FT)	Volume (CY)	
	12" pipe	685	4	0.04	4.06	
	House Stubs	355	4	0.04	2.10	
203.25	Granular Borrow			QTY		10.00
	<u>Pipe</u>	Length (FT)	Width (FT)	Depth (FT)	Volume (CY)	
	12" pipe	685	4	0.04	4.06	
	House Stubs	355	4	0.04	2.10	
203.35	Crushed Stone (Overdepth)			QTY		10.00
	<u>Pipe</u>	Length (FT)	Width (FT)	Depth (FT)	Volume (CY)	
	12" pipe	685	4	0.04	4.06	
	House Stubs	355	4	0.04	2.10	
206.061	Structural Earth Excavation (Overdepth)			QTY		10.00
	<u>Pipe</u>	Length (FT)	Width (FT)	Depth (FT)	Volume (CY)	
	12" pipe	685	4	0.04	4.06	
	House Stubs	355	4	0.04	2.10	
206.07	Structural Rock Excavation			QTY		10.00
	<u>Pipe</u>	Length (FT)	Width (FT)	Depth (FT)	Volume (CY)	
	12" pipe	685	4	0.04	4.06	
	House Stubs	355	4	0.04	2.10	

SANDY HILL ROAD QUANTITY - REVISED ALIGNMENT

304.09 Agg Base Course Type A **QTY** **100.00**

<u>Pipe</u>	Length (FT)	Width (FT)	Depth (IN)	Volume (CY)
12" pipe	685	5	6	63.43
House Stubs	355	5	6	32.87
0+00				0

304.10 Agg Subbase Course Type D **260.00**

<u>Pipe</u>	Length (FT)	QTY	Volume (CY)
12" pipe	685	5	16
House Stubs	355	5	16

403.207 Hot Mix Asphalt 19.0 MM **QTY** **140.00**

Start STA	Length (FT)	Width (FT)	Thickness (in)	TON
12" pipe	685	6	3	83
House Stubs	355	6	3	43
0+00	0+00	0.0		0

403.210 Hot Mix Asphalt 9.5mm **QTY** **80.00**

Start STA	Length (FT)	Width (FT)	Thickness (in)	TON
12" pipe	685	6	1.5	42
House Stubs	355	6	1.5	22
0+00	0+00			0

603 PIPE

603.159 12-inch Diameter PVC or HDPE Storm Drain Pipe **QTY** **685**
 CB2762-DMH1, DMH1-DMH2, DMH2-CB6282, CB6282-CB6281, CB6281 - CB6279

604 STRUCTURES

604.131 4-foot DIA CB **QTY** **1**

604.15 4-foot DIA MH **QTY** **2**
 DMH-1

SANDY HILL ROAD QUANTITY - REVISED ALIGNMENT

604.161	Modify Structure CB2762, CB6282, CB6281, CB6279, SMH113-14						QTY	5
312.10	Bit Driveway Apron						QTY	50.00
	House							
	STA		Area (sf)		Area (SY)			
	2+00, LEFT		200.0		22.22			
	3+50, LEFT		200.0		22.22			
608.08	Reinforced Concrete Sidewalk						QTY	50.00
	Start STA	END Sta	Length	Width	Area (SF)	Area (SY)		
	5+46	5+67	21	5	105.00	11.67		
	HOUSE STUBS				300	33.33		
609.31	Bituminous Curb						QTY	355.0
	Start STA	END STA	Length					
	1+25	1+90	65					
			0					
	5+15	6+45	130					
	7+10	7+50	40					
	HOUSE STUBS		120					
615.072	Loam, Seed and Mulch						QTY	1
629.05	Hand Labor, Straight Time						QTY	5
629.06	Mason, Straight Time						QTY	5
631.105	Air Toll and Compressor						QTY	5
631.12	All Purpose Excavator (inc operator)						QTY	5
631.172	Truck - Large or Small (inc operator)						QTY	5
631.22	Front End Loader (inc operator)						QTY	5
631.36	Foreman, Straight Time						QTY	5
652.38	Flagger						QTY	1
	Total Pipe	685						
	Assume	80	LF per day (4 sticks)		300			
	days	9						
	Assume	30	flagger HRS per day (One either end (20) + plus one at side Street (10))					
	Total Hours	270						
652.39	Work Zone Traffic Control						QTY	1

SANDY HILL ROAD QUANTITY - REVISED ALIGNMENT

656.75 Temp. Soil and Water Pollution Control QTY 1

801.03 Test Pits QTY 30

STA	Depth (VF)
0+75	10
0+25	10
4+50	10
6+68	10

803.134 4" Storm Drain House Lateral Stub QTY 380

Address	Stub Length (LF)	Concrete SW (SF)	Curb (LF)
87 Dyke Farm	10	25	10
88 Dyke Farm	10	25	10
109 Sandy	40	25	10
117 Sandy	40	25	10
118 Sandy	20	25	10
123 Sandy	40	25	10
128 Sandy	10	25	10
133 Sandy	45	25	10
136 Sandy	10	25	10
143 Sandy	40	25	10
149 Sandy	45	25	10
157 Sandy	45	25	10
TOTAL	355	300	120

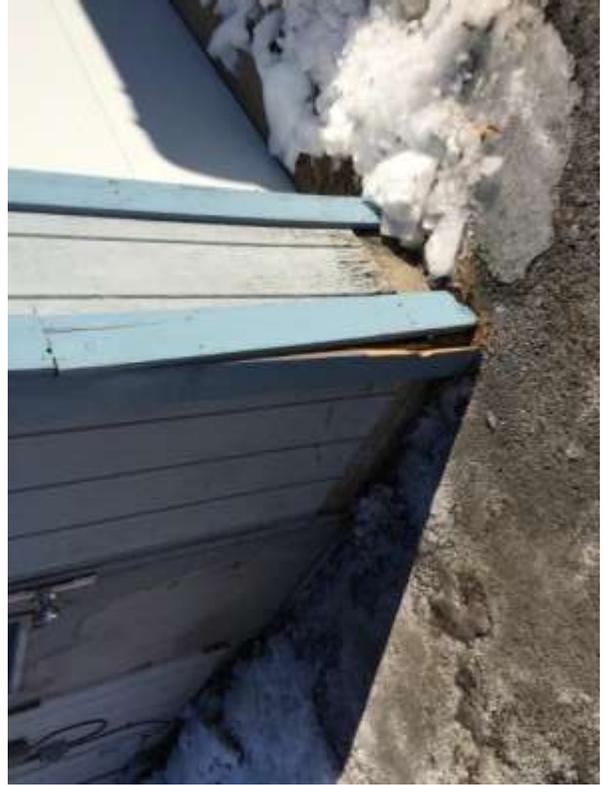
825.58 Water Service Relocation QTY 3

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Environmental Protection
Water Resource Protection
Sewer Maintenance Garage Vinyl Siding Installation

This 2016 capital improvement request is for the purchase and installation of vinyl siding to be installed on the Department's motor vehicle storage and maintenance garage which was built in 1986. The garage is used to perform motor vehicle and construction equipment maintenance and is also used to store the Department's closed circuit television truck and high pressure sewer cleaner vehicle. The vinyl siding will enhance the buildings appearance and also provide many years of maintenance free protection from the elements. The project cost of \$35,000 was obtained from SMRT Architects.

Project Cost:	\$35,000
Funding Source	Sewer User Fund Surplus
Source of Cost Estimate:	SMRT Architects
Projected Useful Life:	25 years





December 8, 2014

Mr. Brad Weeks, Engineer
City of South Portland
111 Waterman Drive
South Portland, ME 04106

RE: Maintenance Garage Siding and Trim

Dear Brad:

Thank you for the opportunity to provide this design services proposal for adding siding and trim to the existing Maintenance Garage at South Portland's facility on City Service Drive. It will be our pleasure to work with you again. Our understanding of the project scope, along with an accompanying scope of services, schedule and fee are included in this proposal.

Understanding of the Project

South Portland would like to install vinyl siding over the existing facade at the wood framed maintenance garage on City Service Drive during the spring of 2015. This proposal is based upon a walk through and conversations SMRT had with the city to develop the scope of work. The proposed project includes removal and replacement of rotten materials, installation of vinyl siding and wrapping exterior trim with pre-finished metal at the existing 2,600 square foot facility.

Scope of Services

SMRT proposes to provide Professional Services for the development of Contract Documents and Construction Administration. The scope of work shall be based on the following:

Existing Maintenance Garage Building Work

1. Remove existing rotten, siding fascia and trim boards, replace in kind.
2. Wrap wood fascia, door and window trim boards with pre-finished metal. Soffits will be pre-finished perforated metal.
3. Install vinyl shingles on front side and vinyl clapboard horizontal siding on remaining sides.
4. Existing windows and doors to remain.
5. Create unforeseen materials list with unit prices and estimated quantities (studs and insulation).
6. Drawings will be produced in AutoCAD.

Bidding and Construction Document Preparation

Budget Construction Cost

SMRT's preliminary construction cost estimate for the project based on the scope of work outlined above is \$35,000. This is a rough order of magnitude estimate to establish reasonable expectations for the construction cost of the project.

Architectural

SMRT will prepare documents including floor plan of exterior walls and openings, (interior floor plan elements such as walls and openings are excluded). SMRT will prepare exterior elevations and required siding and trim details. Material specifications will be prepared for inclusion in the bid packages. Local construction permitting is assumed to be the responsibility of the successful contractor.

Site/Landscaping, Structural, Mechanical, Plumbing and Electrical

SMRT assumes no site, structural, mechanical, plumbing or electrical work will be required and is excluded from this proposal.

Bidding

SMRT will respond to requests for information from bidding contractors and provide clarifications for inclusion in addenda. We will assist in the evaluation of general contractor bids.

Construction Administration

SMRT will provide Construction Administration services on an hourly basis. SMRT CA services will include attendance at a pre-construction meeting and on site as required throughout construction. SMRT will review contractor submittals, review and respond to contractor requests for information and prepare documents for supplemental instructions as directed by the owner. Final review and punch list inspection after notification of substantial completion by the contractor.

Assumptions and Exclusions

The scope of work described herein is based on the assumptions and exclusions of services, tasks, and/or deliverables described below.

1. South Portland will provide all front-end (Division 0) and bid instruction documentation. It is assumed that South Portland will administer the bid process. SMRT will prepare and issue addenda during bidding.
2. A full construction cost estimate is not included. This service can be included as an additional service.
3. Construction scope added which provides betterment to the owner will be funded from the owner's construction contingency.

Schedule of Services

SMRT is prepared to start work immediately following authorization of this proposal. We propose the following design and deliverable milestone schedule for a Spring 2015 construction start.

Authorization to Proceed:	February 2, 2015
Issue Design Review:	March 2, 2015
Design Review Meeting:	March 9, 2015
Issue Bid Packages:	March 23, 2015
On Site Bid Walk:	April 8, 2015
Bids Due:	April 15, 2015
Award Construction Contract:	Week of May 4, 2015

Compensation

SMRT proposes to perform the Scope of Services through delivery of Bid Packages for the lump sum fee of Four Thousand Two Hundred dollars (\$4,200) plus reimbursable expenses.

Services for Bidding and Construction Administration will be on an hourly basis plus reimbursable expenses. The required services will be dependent upon the amount of support required by the successful contractor.

Reimbursable expenses will be invoiced at cost plus a standard administrative mark up of 10%. For the purposes of budgeting, it should be assumed that expenses will be between 3-4% of our fee. Reimbursable expenses include but are not limited to the following:

- Travel
- Printing and Copying
- Standard and Overnight mail

Additional Services

Work not described in the Scope of Services will be provided by SMRT at the request of South Portland as an additional service. Additional services shall either be on an hourly basis at SMRT published hourly rates at the time of the request, or for a fixed fee to be fairly negotiated.

Terms and Conditions

Terms and conditions shall be per the term contract between the City of South Portland, and as amended by a Part II agreement to be negotiated.

Miscellaneous Scoping

1. Liquidated damages will not be applicable to this project.
2. All policies of property insurance relating to the Project, including but not limited to any builder's risk policy, shall allow for waiver of subrogation rights and contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any insured thereunder or against Architect or its Consultants. Owner and Architect waive all rights against each other, Contractor, the Consultants, and the respective officers, directors, members, partners, employees, agents, consultants, and subcontractors of each and any of them, for all losses and damages caused by, arising out of, or resulting from any of the perils or causes of loss covered by any builder's risk policy and any other property insurance relating to the Project. Owner and Engineer shall take appropriate measures in other Project-related contracts to secure waivers of rights consistent with those set forth in this paragraph.
3. Architect shall not at any time supervise, direct, control, or have authority over any Constructor's work, nor shall Architect have authority over or be responsible for the means, methods, techniques, sequences, or procedures of construction selected or used by any Constructor, or the safety precautions and programs incident thereto, for security or safety at the Site, nor for any failure of a Constructor to comply with Laws and Regulations applicable to that Constructor's furnishing and performing of its work.
4. Architect neither guarantees the performance of any Constructor nor assumes responsibility for any Constructor's, failure to furnish and perform the Work in accordance with the Construction Contract Documents. Architect shall not be responsible for the acts or omissions of any Constructor
5. Architect shall not be responsible for any decision made regarding the Construction Contract Documents, or any application, interpretation, clarification, or modification of the Construction Contract Documents, other than those made by Architect or its Consultants
6. Services required in addition to those identified in this proposal, and subsequent to September 2015 shall be paid hourly if not added by amendment.

Thank you for the opportunity to assist you on this project. If there are any questions, required modifications or if I have misunderstood the scope of services described, please contact me.

Brad Weeks
Maintenance Garage Siding Design Proposal
December 8, 2014
Page 4 of 4

Sincerely,
SMRT

Dennis Morin, AIA
Project Manager

144 Fore Street
P.O. Box 618
Portland, ME 04104
p 207.772.3846 f 207.772.1070 email: dmorin@smrtinc.com

cc. DRL, 00010-GV

Environmental Protection
Water Resource Protection
Thornton Heights Separation Phase II Construction

This 2016 capital improvement item is for the second phase construction of the separation of the Thornton Heights area streets. This phase of the project is to be completed in this year's upcoming construction season. The work will cover streets in the area north of Main Street, which contribute to a drainage area that significantly impacts the Cash Corner CSO #005, one of the most active CSO's in the City. The streets are Aspen, Thirlmere, Keswick, Froswick, Ardsley, and a portion of Wythburn (attached drawing). This CSO is significant in that all the flow from the west end of the City and all of Thornton Heights-to-Scarborough converges into a single pipe at Cash Corner on its way to the treatment plant. The hydraulics in this area are too much for the sewer system to contain the combined sewer/stormwater flows during wet weather events that discharge into Calvary Pond at CSO #005.

Taking out the stormwater from the Thornton Heights area sewer system would dramatically reduce the overflows occurring at Cash Corner but also affect the other major CSO's downstream. The other two CSO's downstream are Broadway/Evans CSO #006 and Elm Street CSO #024. These are also larger active CSO's. This project is part of the City's 12-year implementation plan outlined in the CSO Facilities Plan required by Maine DEP.

All of the side streets in the project area above will be impacted by the project improvements by upgraded utilities, new stormwater drainage, and street paving. The most prominent street reconstruction will be on Main Street. A total redesign of Main Street will add many features by upgrading the roadway, adding lighting, wider sidewalks, bicycle lanes, landscaping, and stormwater treatment utilizing Low Impact Development (LID) techniques.

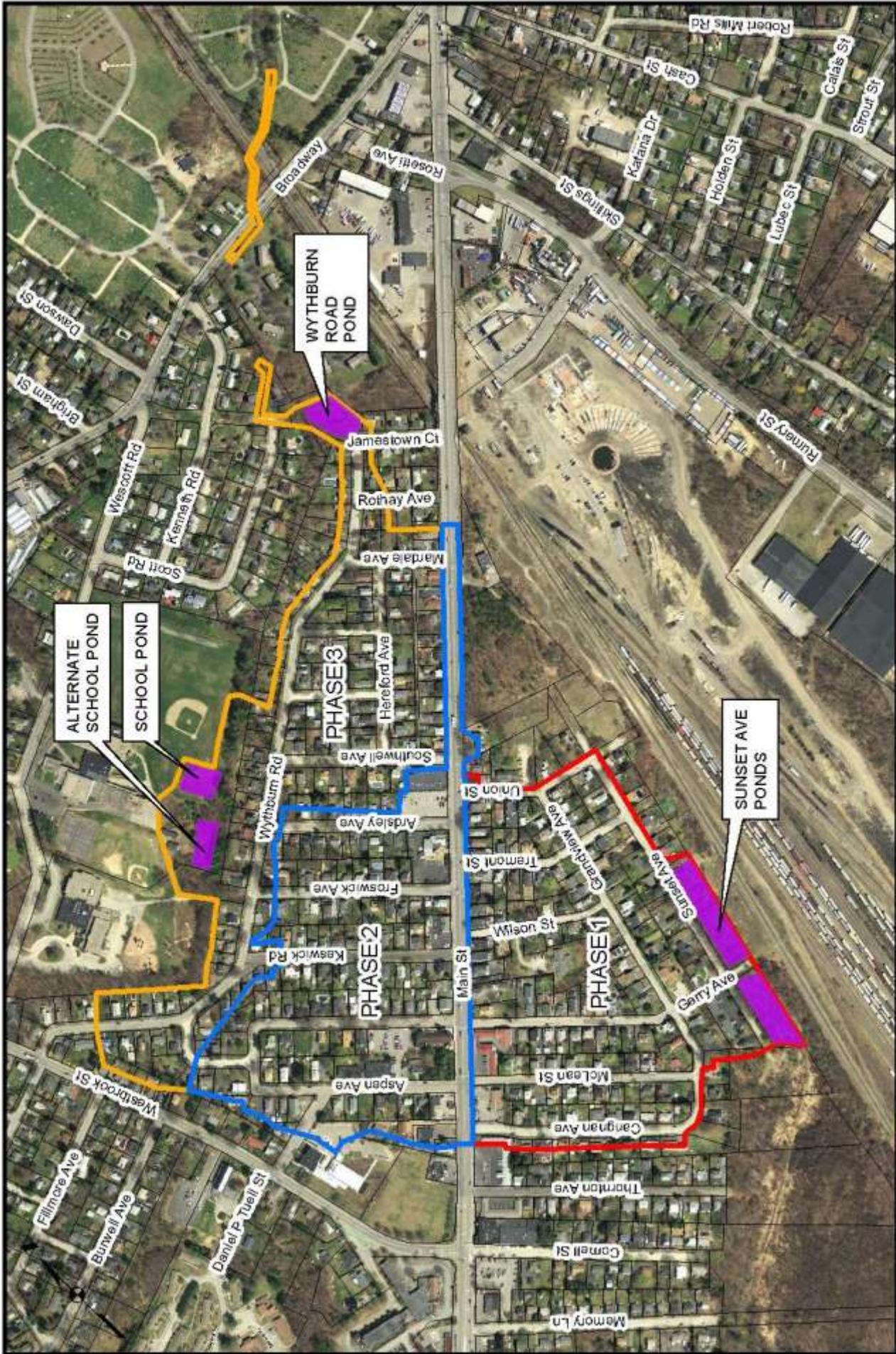
This project is the second phase in a four phase project that will cover Thornton Heights in three phases and Pleasantdale in the fourth phase. Sources of funding that will cover this year's Phase II construction costs include the TIF funds, PACTS, URIP, and citizen approved low interest Clean Water State Revolving Fund loans from the Department of Environmental Protection.

Project Cost: \$4,725,955

Funding Source	1,890,957	TIF Funds
	\$934,998	PACTS
	\$100,000	URIP
	\$1,800,000	Clean Water State Revolving Fund Loan

Source of Cost Estimate: Sebago Technics Engineers

Projected Useful Life: 65 years



**FIGURE 1-1 PROJECT AREA
OF THORNTON HEIGHTS VICINITY
SEWER SEPARATION**

SCALE: 1" = 500'
DATE: 4/17/14

INFORMATION:
IMAGERY ACQUIRED SPRING 2012
GIS DATA FROM THE CITY OF SOUTH PORTLAND

FOR:
CITY OF SOUTH PORTLAND

LOCATION:
THORNTON HEIGHTS VICINITY
SOUTH PORTLAND, MAINE

SEBAGO
TECHNICALS
WWW.SEBAGOTECHNICALS.COM
20 Goodwin Rd. - Suite B
South Portland, ME 04063
Tel: 207-200-2100

13036-TH-Project Area

Environmental Protection
Water Resource Protection
Unit #10 Service Body Replacement

This 2016 capital improvement request is for the purchase of a service body to be installed on the Department's 2007 GMC 1-Ton dump truck that currently is outfitted with a 3-cubic yard dump body. The truck was originally outfitted with a dump body to be used to transport brick, sand and cement in support of the City's manhole adjustment program. Since the City now contracts out this task, a new service body would be used to carry hand and power tools used in the repair and installation of sewer and stormwater line projects. This will allow staff to have all the necessary equipment on hand at any given time.

This request also includes an automatic lift gate to safely load heavy construction equipment such as compactors, generators and pumps into the truck while minimizing the risk of back-related injuries to staff. The 2007 chassis is in excellent condition, with very low mileage. Staff feels it is unnecessary to replace both items. The replacement of the body only, will extend the useful life of the low mileage chassis and will ensure our construction tasks will be completed in a safe, timely, and cost effective manner. The project cost of \$16,500 was obtained from a local equipment sales company.

Project Cost:	\$16,500
Funding Source	Sewer User Fund Reserve
Source of Cost Estimate:	Messer Truck Co., Inc.
Projected Useful Life:	6-10 years



MESSER
Truck Equipment

MESSER TRUCK EQUIPMENT

170 WARREN AVE.
WESTBROOK, ME 04092

(207) 854-9751

Fax (207) 854-8042

www.messertruckequipment.com

Quote

Date	Quote #
10/8/2014	9425

Name / Address
SO PORTLAND WATER RESOURCES P O BOX 9422 SO PORTLAND, ME 04116

Attention	Terms	Sales Representative	Acct. Rep	P.O. No.
DAVE	Net 30	BOB TARDIFF	225	

Description	Qty	U/M	Total
Brand FX Fiberglass Service Body (BUDGETARY PRICE) Model BFXB60DLS Price includes: Installation on 60" C.A. DRW Aluminum understructure Aluminum treadplate floor Aluminum tailskirt and bulkhead Vinyl covered stainless steel cable door stops Stainless steel rotary locks, hinges, and fasteners Flip-top compartment tops, aluminum front rock guards Trucklite exterior lighting package Automotive grade bubble gasket Perma-grip molded door seals Solid one piece construction doors with automotive finish both sides, recessed door jambs White gelcoat Standard shelf package: (2) adjustable shelves in vertical front compartments street side, (1) adjustable shelf in curbside front compartment,(2)adjustable shelves in curbside rear compartment , horizontal compartments open Aluminum treadplate loadbed liner THIEMAN TT15AL lift gate with two piece folding 53" x 32" + 6" aluminum platform, with galvanized understructure <i>Paint</i>	1		12,000.00
	1	EA	4,500.00

We propose to furnish material and labor, in accordance with the above specifications. All material is guaranteed to be as specified. All work is to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the quotation. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by worker's compensation insurance. Any applicable Federal Excise Tax is not included in the above quotation. Quote valid for 30 days from date of issue.

Sales Tax (5.5%)	\$0.00
Total	\$16,500.00

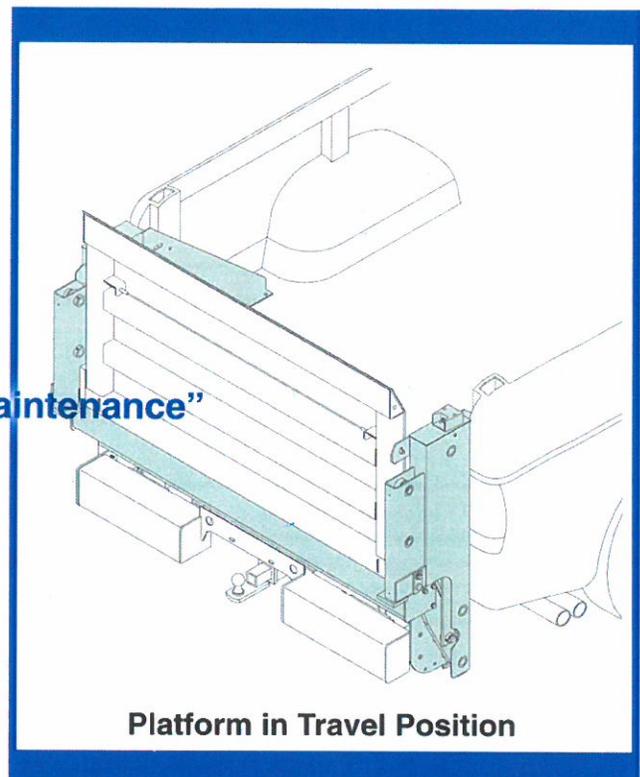
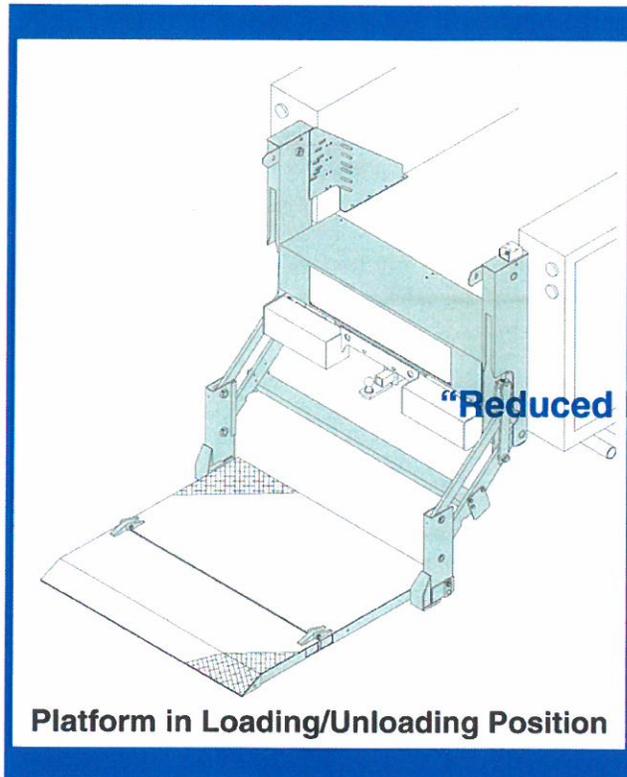
Acceptance of Proposal - Sign and Return _____

TopLifter

Tailgates By **THIEMAN**

Raising Performance to New Levels

Model TT-15



FEATURING:

- Reduced Maintenance
- New Streamline Design
- Meets TMC Electrical Guidelines
- Direct Dual Cylinder Lift, No Chains or Cables, Wide Opening to Truck Bed
- Heavy-Duty Steel Diamond Plate Platform
- Fully Enclosed Power Unit & Cylinders
- Fast & Easy Installation
- Two Piece Bumper (for use with frame attached receivers)

The THIEMAN TT Series is completely assembled into one compact unit - ready to run. Simply bolt and/or weld it to the truck and connect the battery cable. Installation is fast and easy. And years from now, it will be just as simple to remount the TT-15 model on a new truck. The lifting mechanism is completely enclosed for a neat appearance and protection from the elements. A two piece bumper, for use with frame attached receivers, is standard on the TT15. The THIEMAN TT's overall design makes it the toughest liftgate available in its class.



SERVICE BODIES

WWW.BRANDFXBODY.COM



STANDARD FEATURES INCLUDED:

Advanced Composite Construction, PVC Foam Core	Flow-Through Ventilation System	Automotive Grade White Gelcoat Finish
Recessed Door Seal System	Removable Wheel Well Panels	White Compartment Interiors
One Piece Molded Doors with Automotive Finish Both Sides	Recessed LED Exterior Lighting Package	Vinyl Coated Cable Door Stops
Automotive Grade Door Gasket	Steel Rear Mounting Brackets	Vinyl Rock Guards
Stainless Steel Automotive Style Dual Rotary Latch	Aluminum Tail Skirt	Aluminum Bulkhead
Stainless Steel Hinges & Hardware	Light Adapter for Specified Chassis*	**10" Aluminum Automotive Style Tailgate, Hinge Opens to 180° and 270°
Treadbright Aluminum Floor	Black Plastic Gas Fill Cup	***Treadbright Aluminum Bumper with OEM Cutout for Receiver Hitch
Non-Skid Compartment Tops	Steel Understructure	

*Stock bodies come standard with GM light adapter.

**Tailgates are standard on 40LS and 56LS models, optional on 60LS and 84LS models.

***Bumpers are standard on 40LS and 56LS models, optional on 60LS and 84LS models.



WE BUY
WE SELL
U.S. MADE

BrandFX makes a point to Buy, Make, and Sell U.S.A. products whenever possible. The can do spirit that inspired the first BrandFX Body, is alive and well in millions of kindred spirits across America, folks just like you. Forging new businesses, creating new jobs, building the infrastructure of America. And just as your role demands continual advancements in technology, BrandFX continues to incorporate the latest advancements in developing BFX Composite Truck Equipment. We're honored to work and learn along side you, as we strive for sustainable solutions that make sense not only for our environment but also our businesses.