

City of Waltham

Jeannette A. McCarthy
Mayor

CITY OF WALTHAM
CITY CLERK'S OFFICE

2018 AUG -1 P 12: 24

RECORDED

August 2, 2018

TO: The City Council

RE: Trapelo Roadway Improvements & Sidewalk Construction

Dear Councillors:

I respectfully request approval of the enclosed Loan/Bond funding for the sum of \$2,403,000 to fund the Trapelo Road Sidewalk Construction Project. This project will extend on Trapelo Road from Smith Street to Lexington Street

Attached is a copy of a letter from CPW Director, Mr. Chiasson will be available to answer any questions you may have regarding this request.

Sincerely,

Jeannette A. McCarthy

JAM/jm

encl.

cc: Michael Chiasson

THAT THE SUM OF \$2,403,000 BE APPROPRIATED FOR STREET RESURFACING AND SIDEWALK CONSTRUCTION, INCLUDED BY NOT LIMITED TO THE PROJECT LISTED BELOW, AND TO RAISE THIS APPROPRIATION, THE TREASURER, WITH THE APPROVAL OF THE MAYOR, IS AUTHORIZED TO BORROW THE SUM OF \$2,403,000 UNDER THE PROVISIONS OF M.G.L. c44, s7(6) OR ANY OTHER BORROWING AUTHORITY. ANY PREMIUM RECEIVED UPON THE SALE OF ANY BONDS OR NOTES APPROVED BY THIS ORDER, LESS ANY SUCH PREMIUM APPLIED TO THE PAYMENT OF COSTS OF ISSUANCE OF SUCH BONDS OR NOTES, MAY BE APPLIED TO THE PAYMENT OF COSTS APPROVED BY THIS VOTE IN ACCORDANCE WITH M.G.L. C44, S20. THEREBY REDUCING THE AMOUNT AUTHORIZED TO BE BORROWED TO PAY SUCH COSTS BY A LIKE AMOUNT

TRAPELO ROAD (SMITH STREET TO LEXINGTON STREET)

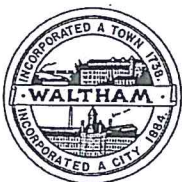
FIRST READING:

PUBLICATION:

SECOND READING:

READ & ADOPTED:

ATTEST:



CITY OF WALTHAM
MASSACHUSETTS

Michael L. J. Chiasson
Director of Public Works

Clerk, Board of Survey and Planning

August 1, 2018

Mayor Jeannette A. McCarthy
City Hall
610 Main Street
Waltham, MA 02452

Dear Mayor McCarthy,

I respectfully request funding in the amount of \$2,402,769.00 to award the bid for the construction of roadway improvements and sidewalk construction on Trapelo Road from Smith Street to Lexington Street.

Please let me know if I can be of further assistance with this request.

Respectfully submitted,

Michael L. J. Chiasson, Director
Consolidated Public Works

MLJC/jed

Cc: Paul Centofanti, Auditor

Roadway Improvements & Sidewalk Construction. Trapelo Rd from Smith Street to Lexington Street, Issue 2			A.R. Belli		Tasco Construction		
Item No.	Approx. Quantit	Item with Unit Bid Price Written in Words	Unit Price	Amount	Unit Price	Amount	
			Dollars	Dollars	Dollars	Dollars	
102.51	33	Tree Protection, at Per Each	\$ 339.00	\$ 11,187.00	\$ 200.00	\$ 6,600.00	
102.52	680	Temp. Tree & Shrub Protection Fence, at Per Foot	\$ 6.60	\$ 4,488.00	\$ 10.00	\$ 6,800.00	
103.	10	Tree Removed- Diameter Under 24 Inches, at Per Each	\$ 700.00	\$ 7,000.00	\$ 1,000.00	\$ 10,000.00	
104.	2	Tree Removed – Diameter 24 Inches and Over, at Per Each	\$ 1,400.00	\$ 2,800.00	\$ 2,000.00	\$ 4,000.00	
105.	1	Stump Removed, at Per Each	\$ 350.00	\$ 350.00	\$ 300.00	\$ 300.00	
120.1	3,200	Unclassified Excavation, at Per Cubic Yard	\$ 22.50	\$ 72,000.00	\$ 25.00	\$ 80,000.00	
141.	775	Class A Trench Excavation, at Per Cubic Yard	\$ 43.00	\$ 33,325.00	\$ 25.00	\$ 19,375.00	
141.1	50	Test Pit For Excavation, at Per Cubic Yard	\$ 115.00	\$ 5,750.00	\$ 25.00	\$ 1,250.00	
144.	20	Class B Rock Excavation, at Per Cubic Yard	\$ 235.00	\$ 4,700.00	\$ 150.00	\$ 3,000.00	
151.	2,400	Gravel Borrow, at Per Cubic Yard	\$ 10.00	\$ 24,000.00	\$ 25.00	\$ 60,000.00	
170.	8,500	Fine Grading and Compacting, at Per Square Yard	\$ 10.00	\$ 85,000.00	\$ 5.00	\$ 42,500.00	
220.	47	Drainage Structure Adjusted, at Per Each	\$ 378.00	\$ 17,766.00	\$ 300.00	\$ 14,100.00	
220.2	5	Drainage Structure Rebuilt, at Per Foot	\$ 700.00	\$ 3,500.00	\$ 400.00	\$ 2,000.00	
220.5	1	Drainage Structure Remodeled, at Per Each	\$ 1,100.00	\$ 1,100.00	\$ 700.00	\$ 700.00	
220.6	5	Sanitary Structure Rebuilt, at Per Foot	\$ 700.00	\$ 3,500.00	\$ 400.00	\$ 2,000.00	
220.7	38	Sanitary Structure Adjusted, at Per Each	\$ 378.00	\$ 14,364.00	\$ 300.00	\$ 11,400.00	
220.8	4	Sanitary Structure Remodeled, at Per Each	\$ 1,100.00	\$ 4,400.00	\$ 700.00	\$ 2,800.00	
222.1	6	Frame and Grate – MassDOT Cascade Type, at Per Each	\$ 669.00	\$ 4,014.00	\$ 1,000.00	\$ 6,000.00	
223.1	6	Frame and Grate (or Cover) Removed and Stacked, at	\$ 48.00	\$ 288.00	\$ 50.00	\$ 300.00	
227.3	5	Removal of Drainage Structure Sediment, at Per Cubic Yard	\$ 400.00	\$ 2,000.00	\$ 50.00	\$ 250.00	
346.21	26	2 Inch Service Pipe Removed and Discarded, at Per Foot	\$ 100.00	\$ 2,600.00	\$ 10.00	\$ 260.00	
358.	50	Gate Box Adjusted, at Per Each	\$ 229.00	\$ 11,450.00	\$ 120.00	\$ 6,000.00	
358.1	1	Gate Box Removed and Stacked, at Per Each	\$ 200.00	\$ 200.00	\$ 50.00	\$ 50.00	
402.	130	Dense Graded Crushed Stone for Subbase, at Per Cubic Yard	\$ 78.00	\$ 10,140.00	\$ 50.00	\$ 6,500.00	
415.	19,000	Pavement Micromilling, at Per Square Yard	\$ 5.00	\$ 95,000.00	\$ 5.00	\$ 95,000.00	
440.	12,700	Calcium Chloride for Roadway Dust Control, at Per Pound	\$ 0.65	\$ 8,255.00	\$ 1.00	\$ 12,700.00	
443.	20	Water for Roadway Dust Control, at Per Million Gallons	\$ 85.00	\$ 1,700.00	\$ 100.00	\$ 2,000.00	
450.90	2,350	Contractor Quality Control, at Per Ton	\$ 4.00	\$ 9,400.00	\$ 2.00	\$ 4,700.00	
451.	10	HMA for Patching, at Per Ton	\$ 277.00	\$ 2,770.00	\$ 250.00	\$ 2,500.00	
452.	1,400	Asphalt Emulsion for Tack Coat, at Per Gallon	\$ 7.00	\$ 9,800.00	\$ 10.00	\$ 14,000.00	

Roadway Improvements & Sidewalk Construction. Trapelo Rd from Smith Street to Lexington Street, Issue 2			A.R. Belli		Tasco Construction		
Item No.	Approx. Quantit	Item with Unit Bid Price Written in Words	Unit Price	Amount	Unit Price	Amount	
			Dollars	Dollars	Dollars	Dollars	
453.	30,680	HMA Joint Sealant, at Per Foot	\$ 0.10	\$ 3,068.00	\$ 1.00	\$ 30,680.00	
455.23	1,870	Superpave Surface Course-12.5 (SSC-12.5), at Per Ton	\$ 94.00	\$ 175,780.00	\$ 100.00	\$ 187,000.00	
455.31	150	Superpave Intermediate Course-12.5 (SIC-12.5), at	\$ 139.00	\$ 20,850.00	\$ 120.00	\$ 18,000.00	
455.42	330	Superpave Base Course-37.5 (SBC-37.5), at Per Ton	\$ 139.00	\$ 45,870.00	\$ 120.00	\$ 39,600.00	
472.	10	Hot Mix Asphalt for Miscellaneous Work, at Per Ton	\$ 277.00	\$ 2,770.00	\$ 265.00	\$ 2,650.00	
482.3	2,700	Sawing Asphalt Pavement, at Per Foot	\$ 2.00	\$ 5,400.00	\$ 1.00	\$ 2,700.00	
482.4	300	Sawing Cement Concrete Sidewalk, at Per Foot	\$ 5.00	\$ 1,500.00	\$ 3.00	\$ 900.00	
506.	6,400	Granite Curb Type VB, Straight, at Per Foot	\$ 43.00	\$ 275,200.00	\$ 45.00	\$ 288,000.00	
506.1	1,000	Granite Curb Type VB, Curved, at Per Foot	\$ 47.00	\$ 47,000.00	\$ 55.00	\$ 55,000.00	
509.	200	Granite Transition Curb for Wheelchair Ramps, Straight, at	\$ 47.00	\$ 9,400.00	\$ 55.00	\$ 11,000.00	
509.1	300	Granite Transition Curb for Wheelchair Ramps, Curved, at	\$ 57.00	\$ 17,100.00	\$ 55.00	\$ 16,500.00	
514.	20	Granite Curb Inlet, Straight, at Per Each	\$ 375.00	\$ 7,500.00	\$ 500.00	\$ 10,000.00	
515.	1	Granite Curb Inlet, Curved, at Per Each	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00	
516.	196	Granite Curb Corner – Type A, at Per Each	\$ 229.00	\$ 44,884.00	\$ 270.00	\$ 52,920.00	
570.1	20	Hot Mix Asphalt Curb Type 1, at Per Foot	\$ 35.00	\$ 700.00	\$ 20.00	\$ 400.00	
580.	600	Curb Removed and Reset, at Per Foot	\$ 24.00	\$ 14,400.00	\$ 28.00	\$ 16,800.00	
582.	10	Curb Corner Removed and Reset, at Per Each	\$ 70.00	\$ 700.00	\$ 100.00	\$ 1,000.00	
602.	10	Guardrail Post - Steel, at Per Each	\$ 70.00	\$ 700.00	\$ 300.00	\$ 3,000.00	
620.1	400	Steel W Beam Highway Guard (Single Faced), at Per Foot	\$ 35.00	\$ 14,000.00	\$ 60.00	\$ 24,000.00	
627.1	3	Steel W Beam Terminal Section (Single Faced), at	\$ 85.00	\$ 255.00	\$ 500.00	\$ 1,500.00	
627.8	3	Steel Beam Highway Guard Tangent End Treatment, at	\$ 2,800.00	\$ 8,400.00	\$ 1,500.00	\$ 4,500.00	
630.	50	Highway Guard Removed and Reset, at Per Foot	\$ 40.00	\$ 2,000.00	\$ 40.00	\$ 2,000.00	
645.148	210	48 Inch Chain Link Fence (PTR) Vinyl Coated-Black (Line Post Opt.), at	\$ 37.00	\$ 7,770.00	\$ 65.00	\$ 13,650.00	
666.	80	Chain Link Fence Removed and Reset, at Per Foot	\$ 29.00	\$ 2,320.00	\$ 60.00	\$ 4,800.00	
670.	510	Fence Removed and Reset, at Per Foot	\$ 27.00	\$ 13,770.00	\$ 40.00	\$ 20,400.00	
691.1	65	Stone Border Removed and Reset, at Per Foot	\$ 100.00	\$ 6,500.00	\$ 100.00	\$ 6,500.00	
693.	3,500	Modular Block Retaining Wall, at Per Square Foot	\$ 68.00	\$ 238,000.00	\$ 45.00	\$ 157,500.00	
693.1	70	Concrete Block Wall Removed and Rebuilt, at Per Foot	\$ 100.00	\$ 7,000.00	\$ 50.00	\$ 3,500.00	
697.	720	Sedimentation Fence, at Per Foot	\$ 12.20	\$ 8,784.00	\$ 10.00	\$ 7,200.00	
697.1	31	Silt Sack, at Per Each	\$ 269.00	\$ 8,339.00	\$ 200.00	\$ 6,200.00	

Roadway Improvements & Sidewalk Construction. Trapelo Rd from Smith Street to Lexington Street, Issue 2			A.R. Belli		Tasco Construction		
Item No.	Approx. Quantit	Item with Unit Bid Price Written in Words	Unit Price	Amount	Unit Price	Amount	
			Dollars	Dollars	Dollars	Dollars	
701.	3,700	Cement Concrete Sidewalk, at Per Square Yard	\$ 50.00	\$ 185,000.00	\$ 80.00	\$ 296,000.00	
701.1	2,300	Cement Concrete Sidewalk at Driveways, at Per Square Yard	\$ 77.00	\$ 177,100.00	\$ 80.00	\$ 184,000.00	
701.2	600	Cement Concrete Wheelchair Ramp, at Per Square Yard	\$ 69.00	\$ 41,400.00	\$ 100.00	\$ 60,000.00	
702.	5	Hot Mix Asphalt Walk Surface, at Per Ton	\$ 185.00	\$ 925.00	\$ 300.00	\$ 1,500.00	
703.	200	Hot Mix Asphalt Driveway, at Per Ton	\$ 185.00	\$ 37,000.00	\$ 260.00	\$ 52,000.00	
705.1	5	Flagstone Walk Removed and Reset, at Per Square Yard	\$ 340.00	\$ 1,700.00	\$ 400.00	\$ 2,000.00	
706.1	10	Brick Walk (or Pavers) Removed and Relaid, at Per Square Yard	\$ 340.00	\$ 3,400.00	\$ 400.00	\$ 4,000.00	
711.	10	Bound Removed and Reset, at Per Each	\$ 400.00	\$ 4,000.00	\$ 600.00	\$ 6,000.00	
748.	1	Mobilization, at Per Lump Sum	\$ 49,400.00	\$ 49,400.00	\$ 50,000.00	\$ 50,000.00	
751.	300	Loam Borrow, Per Cubic Yard	\$ 59.00	\$ 17,700.00	\$ 60.00	\$ 18,000.00	
756.	1	NPDES Stormwater Pollution Prevention Plan, at	\$ 17,700.00	\$ 17,700.00	\$ 5,000.00	\$ 5,000.00	
765.	2,500	Seeding, at Per Square Yard	\$ 2.00	\$ 5,000.00	\$ 2.00	\$ 5,000.00	
767.6	500	Aged Pine Bark Mulch, MATH ERROR Per Square Yard	\$ 7.00	\$ 3,500.00	\$ 10.00	\$ 5,000.00	
767.8	240	Bales of Hay for Erosion Control, at Per Each	\$ 10.00	\$ 2,400.00	\$ 12.00	\$ 2,880.00	
812.30	2	Standard Signal Post Foundation SD3.031, at Per Each	\$ 1,700.00	\$ 3,400.00	\$ 4,000.00	\$ 8,000.00	
824.50	2	Flashing Warning Beacon Removed and Reset, at	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00	\$ 8,000.00	
832.	50	Warning, Regulatory and Route Marker Aluminum Panel Type A, at	\$ 14.00	\$ 700.00	\$ 25.00	\$ 1,250.00	
847.1	42	Sign Support (N/Guide) and Route Marker w/1 Breakaway Post Assembly-Steel, at	\$ 127.00	\$ 5,334.00	\$ 200.00	\$ 8,400.00	
852.	450	Safety Signing for Construction Operations, at Per Square Foot	\$ 27.00	\$ 12,150.00	\$ 25.00	\$ 11,250.00	
853.1	20	Potable Breakaway Barricade-Type III, at Per Each	\$ 55.00	\$ 1,100.00	\$ 300.00	\$ 6,000.00	
854.036	10,300	Temporary Pavement Markings – 6 Inch (Tape), at	\$ 1.15	\$ 11,845.00	\$ 1.00	\$ 10,300.00	
856.	360	Arrow Board, at Per Day	\$ 15.00	\$ 5,400.00	\$ 20.00	\$ 7,200.00	
856.12	720	Portable Changeable Message Board, at Per Day	\$ 20.00	\$ 14,400.00	\$ 25.00	\$ 18,000.00	
859.	18,000	Reflectorized Drum, at Per Drum Day	\$ 0.30	\$ 5,400.00	\$ 1.00	\$ 18,000.00	
864.04	2,710	Pavement Arrows and Legends Refl. White (Thermoplastic), at	\$ 6.50	\$ 17,615.00	\$ 10.00	\$ 27,100.00	
866.104	10,200	4 Inch Reflectorized White Line (Thermoplastic), at	\$ 0.68	\$ 6,936.00	\$ 1.00	\$ 10,200.00	
866.112	250	12 Inch Reflectorized White Line (Thermoplastic), at	\$ 3.00	\$ 750.00	\$ 3.00	\$ 750.00	
867.104	10,300	4 Inch Reflectorized Yellow Line (Thermoplastic), at	\$ 0.69	\$ 7,107.00	\$ 1.00	\$ 10,300.00	
867.112	100	12 Inch Reflectorized Yellow Line (Thermoplastic), at	\$ 3.00	\$ 300.00	\$ 10.00	\$ 1,000.00	
874.2	34	Traffic Signs Removed and Reset, at Per Each	\$ 100.00	\$ 3,400.00	\$ 150.00	\$ 5,100.00	

Roadway Improvements & Sidewalk Construction. Trapelo Rd from Smith Street to Lexington Street, Issue 2			A.R. Belli		Tasco Construction		
Item No.	Approx. Quantit	Item with Unit Bid Price Written in Words	Unit Price	Amount	Unit Price	Amount	
			Dollars	Dollars	Dollars	Dollars	
901.	5	4000 PSI, 1.5 Inch, 565 Cement Concrete, at Per Cubic Yard	\$ 700.00	\$ 3,500.00	\$ 200.00	\$ 1,000.00	
999.001	1	Lump Sum Police Detail, at Three hundred ten thousand dollars	\$ 310,000.00	\$ 310,000.00	\$ 310,000.00	\$ 310,000.00	
		Subtotal		\$ 2,402,769.00		\$ 2,558,715.00	
ALTERNATE 1			A.R. Belli		Tasco Construction		
Item No.	Approx. Quant.	Item with Unit Bid Price Written in Words	Unit Price	Amount	Unit Price	Amount	
			Dollars	Dollars	Dollars	Dollars	
141.1	20	Test pit for Exploration, at Per Cubic Yard	\$ 115.00	\$ 2,300.00	\$ 25.00	\$ 500.00	
151	200	Gravel Borrow, at Per Cubic Yard	\$ 10.00	\$ 2,000.00	\$ 25.00	\$ 5,000.00	
153	30	Controlled Density Fill, at Per Cubic Yard	\$ 185.00	\$ 5,550.00	\$ 150.00	\$ 4,500.00	
182.2	300	Removal of Asbestos Cement Pipe, at Per Foot	\$ 59.00	\$ 17,700.00	\$ 100.00	\$ 30,000.00	
250.04	300	4-Inch Polyvinyl Chloride Sanitary Sewer Pipe, at	\$ 178.00	\$ 53,400.00	\$ 150.00	\$ 45,000.00	
302.06	150	6-Inch Ductile Iron Water Main, at Per Foot	\$ 175.00	\$ 26,250.00	\$ 150.00	\$ 22,500.00	
309	500	Ductile Iron Fittings For Water Pipe, at Per Pound	\$ 14.00	\$ 7,000.00	\$ 10.00	\$ 5,000.00	
347.1	1,500	1-Inch Copper Tubing Type K, at Per Foot	\$ 77.00	\$ 115,500.00	\$ 30.00	\$ 45,000.00	
350.6	15	6-Inch Gate and Box, at Per Each	\$ 1,700.00	\$ 25,500.00	\$ 2,000.00	\$ 30,000.00	
363.1	8	1-Inch Corporation Cock, at Per Each	\$ 778.00	\$ 6,224.00	\$ 500.00	\$ 4,000.00	
376	10	Hydrant, at Per Each	\$ 4,700.00	\$ 47,000.00	\$ 7,000.00	\$ 70,000.00	
384	60	Curb Stop, at Per Each	\$ 778.00	\$ 46,680.00	\$ 500.00	\$ 30,000.00	
472.1	1,000	Hot Mix Asphalt For Temporary Patch (3"), at Per Square Yard	\$ 28.00	\$ 28,000.00	\$ 20.00	\$ 20,000.00	
472.2	1,500	Hot Mix Asphalt For Permanent Patch (5"), at Per Square Yard	\$ 52.00	\$ 78,000.00	\$ 25.00	\$ 37,500.00	
99.001	1	Lump Sum Police Detail, at Forty Five thousand dollars	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	\$ 45,000.00	
		ALTERNATE 1 TOTAL		\$ 506,104.00		\$ 394,000.00	\$ 394,000.00
		TOTAL CONTRACT PRICE (BASE+ALTERNATE)		\$ 2,908,873.00		\$ 2,952,715.00	Calculated Number
Please note that the results of the bid are published as a source of public information and do not reflect any official award.					\$ 2,949,115.00	Bid Number	
					\$ (3,600.00)	Variance between Calculated and Bid Numbers	