



# 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: Montclair Avenue Water Main Replacement  
Christopher Road Water Main Replacement  
Sewer Extension-Christopher Road

Dear Councillors:

I respectfully request approval of the enclosed Loan/Bond funding for the sum of \$1,463,000 (rounded) to fund the following two projects – Christopher Road and Montclair Avenue.

1. Christopher Road Base Bid	\$198,160.46
2. Christopher Road Alternate	80,255.30
3. Contingency (3 houses/Christopher)	50,000.00
4. Montclair Avenue Base Bid	870,539.17
5. Montclair Avenue Alternate	<u>262,160.70</u>
Total	\$1,461,115.63

Enclosed please find the bid and bid results for this project.

Mr. Casazza will be available to answer any questions you may have regarding this project.

Sincerely,

Jeannette A. McCarthy

JAM/tbm

encl.

cc: Steve Casazza

THAT THE SUM OF \$1,463,000 BE APPROPRIATED FOR WATER IMPROVEMENTS AND SEWER IMPROVEMENTS, INCLUDED BUT NOT LIMITED TO THE PROJECTS LISTED BELOW; THAT TO MEET THIS APPROPRIATION THE TREASURER WITH THE APPROVAL OF THE MAYOR, IS AUTHORIZED TO BORROW THE SUM OF \$1,463,000 UNDER THE PROVISIONS OF M.G.L. c.44. ss8(5), 8(6) OR PURSUANT TO ANY OTHER ENABLING AUTHORITY; THAT THE TREASURER WITH THE APPROVAL OF THE MAYOR IS AUTHORIZED TO BORROW ALL OR A PORTION OF SUCH AMOUNT FROM THE MASSACHUSETTS WATER RESOURCES AUTHORITY ("MWRA") AND IN CONNECTION THEREWITH TO ENTER INTO A LOAN AGREEMENT AND/OR SECURITY AGREEMENT WITH THE MWRA WITH RESPECT TO SUCH LOAN; THAT THE MAYOR IS AUTHORIZED TO CONTRACT FOR AND EXPEND ANY FEDERAL, STATE OR OTHER AVAILABLE AID FOR THE PROJECT, INCLUDING ANY GRANT RELATED TO SUCH PROJECT FROM THE MWRA. 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. c.44, s20. THEREBY REDUCING THE AMOUNT AUTHORIZED TO BE BORROWED TO PAY SUCH COSTS BY A LIKE AMOUNT.

CHRISTOPHER ROAD / MONTCLAIR AVENUE WATER MAIN REPLACEMENT    \$1,382,000.

CHRISTOPHER ROAD SEWER EXTENSION        \$81,000

FIRST READING:

PUBLICATION:

SECOND READING:

READ & ADOPTED:

ATTEST:

# Christopher Road & Montclair Avenue Water Main Replacement - Bid Results

Bid Opening: 6/29/2018 10:00 AM		J. D'Amico	Commonwealth	Aqua Line	Cardillo	Gravity
Christopher Road Base Bid	\$	198,160.46	\$ 232,640.46	\$ 256,532.35	\$ 289,807.21	\$ 247,876.12
Christopher Road Add Alternate #1	\$	80,255.30	\$ 53,105.50	\$ 77,930.00	\$ 83,502.50	\$ 95,850.01
Montclair Avenue Base Bid	\$	870,539.17	\$ 1,146,868.85	\$ 1,195,094.41	\$ 1,249,102.05	\$ 1,481,427.01
Montclair Avenue Add Alternate #1	\$	262,160.70	\$ 328,239.95	\$ 347,795.61	\$ 348,949.69	\$ 428,300.51
Total	\$	1,411,115.63	\$ 1,760,854.76	\$ 1,877,352.37	\$ 1,971,361.45	\$ 2,253,453.65
Percent Discount		0.00%	0.00%	1.00%	3.00%	0.00%
Discounted Total	\$	1,411,115.63	\$ 1,760,854.76	\$ 1,860,048.96	\$ 1,916,663.35	\$ 2,253,453.65

## BRIEF DESCRIPTION

## BASE BID

J. D'Amico - Christopher

ITEM NO.	BID PRICE ENTERED IN BOTH WORDS AND FIGURES (UNIT PRICE)	ESTIMATED QUANTITY	TOTAL PRICE (UNIT PRICE X QUANTITY)
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1. WATER PIPE & FITTINGS

- 1A. Furnish and Install 8" Dia. Class 56, Cement Lined Ductile Iron (CLDI) Water Pipe, all depths of cover, per Linear Foot

~~ONE HUNDRED FIFTY~~ dollars  
and ZERO cents  
(\$ 115 -)

320 L.F. \$ 36,800 -

- 1B. Furnish and Install 6" Dia. Class 56 Cement Lined Ductile Iron (CLDI) Water Pipe, all depths of cover, per Linear Foot

~~THIRTY FIVE~~ dollars  
and ZERO cents  
(\$ 35 -)

35 L.F. \$ 1,225 -

- 1C. Furnish and Install 8" Gate Valve, With Valve Box, as specified, Each

~~THIRTY FIVE HUNDRED~~ dollars  
and ZERO cents  
(\$ 3,500 -)

3 EA. \$ 10,500 -

- 1D. Furnish and Install 6" Gate Valve, With Valve Box, as specified, Each

~~FIFTEEN HUNDRED~~ dollars  
and ZERO cents  
(\$ 1,500 -)

1 EA. \$ 1,500 -

- 1E. Furnish and Install New Hydrant, American Darling B-62, Waltham Colors, as specified, Each

~~SEVENTY FIVE HUNDRED~~ dollars  
and ZERO cents  
(\$ 7,500 -)

1 EA. \$ 7,500 -

Subtotal for Page  
Base Bid

\$ 57,525 -



## BRIEF DESCRIPTION

## BASE BID

ITEM NO.	BID PRICE ENTERED IN BOTH WORDS AND FIGURES (UNIT PRICE)	ESTIMATED QUANTITY	TOTAL PRICE (UNIT PRICE X QUANTITY)
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1. WATER PIPE & FITTINGS CONT.

- 1F. Furnish and Install Ductile Iron Fittings, per Pound

ZERO dollars  
and ONE cents  
(\$ 0.01 )

2,000 LBS. \$ 20-

- 1G. Furnish and Install 1" Dia. Type K Copper Tubing for Water Services, As Specified, per Linear Foot

TEN dollars  
and ZERO cents  
(\$ 10- )

200 L.F. \$ 2,000-

- 1H. Furnish and Install 1" Dia. Corporation Cocks, As Specified, Each

~~TWENTYONE HUNDRED~~ TWENTYONE HUNDRED dollars  
and ZERO cents  
(\$ 2,100- )

5 EA. \$ 10,500-

- 1I. Furnish and Install 1" Dia. Curb Stops and Street Service Boxes, As Specified, Each

~~TWO HUNDRED FIFTY~~ TWO HUNDRED FIFTY dollars  
and ZERO cents  
(\$ 250- )

5 EA. \$ 1,250-

- 1J. Furnish and Install 4" Dia. Bypass Piping and Fittings, per Linear Foot

~~THIRTY~~ THIRTY dollars  
and ZERO cents  
(\$ 30- )

400 L.F. \$ 12,000-

Subtotal for Page  
Base Bid

\$ 25,770-

## BRIEF DESCRIPTION

## BASE BID

ITEM NO.	BID PRICE ENTERED IN BOTH WORDS AND FIGURES (UNIT PRICE)	ESTIMATED QUANTITY	TOTAL PRICE (UNIT PRICE X QUANTITY)
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1. WATER PIPE & FITTINGS CONT.

1K.	Furnish and Install 2" Dia. Bypass Piping and Fittings, per Linear Foot <u>Twentyfive</u> dollars and <u>zero</u> cents (\$ <u>25-</u> )	200 L.F.	\$ <u>5,000-</u>
1L.	Furnish and Install 1" Dia. Bypass Piping and Fittings, per Linear Foot <u>zero</u> dollars and <u>one</u> cents (\$ <u>0.01</u> )	250 LF.	\$ <u>2.50-</u>
1M.	Furnish and Install Temporary Hydrant As specified, each <u>Two hundred fifty</u> dollars and <u>zero</u> cents (\$ <u>250-</u> )	1 EA.	\$ <u>250-</u>
1N.	Temporary Water Main Bypass Connection to House Services, and reconnection to permanent City water, Each <u>Fifty</u> dollars and <u>zero</u> cents (\$ <u>50-</u> )	5 EA	\$ <u>250-</u>

4. EARTHWORK

4A.	Unclassified Excavation, Disposal and Backfill, per Cubic Yard <u>zero</u> dollars and <u>one</u> cents (\$ <u>0.01</u> )	100* C.Y.	\$ <u>1-</u>
4B.	Rock Excavation, Disposal and Backfill, per Cubic Yard <u>One hundred</u> dollars and <u>zero</u> cents (\$ <u>100-</u> )	25* C.Y.	\$ <u>2,500-</u>

Subtotal for Page  
Base Bid

\$ 8,003.5

## BRIEF DESCRIPTION

## BASE BID

ITEM NO.	BID PRICE ENTERED IN BOTH WORDS AND FIGURES (UNIT PRICE)	ESTIMATED QUANTITY	TOTAL PRICE (UNIT PRICE X QUANTITY)
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4. EARTHWORK CONT.

- 4C. Gravel Borrow Fill and /or  
Gravel Borrow Refill of Unsuitable  
Material, per Cubic Yard.

ZERO dollars  
and ONE cents  
(\$ 0.01 )

100\* C.Y. \$ 1-

- 4D. Fine Grading and Compacting of  
Roadway Subgrade areas,  
per Square Yard

FOUR dollars  
and ZERO cents  
(\$ 4- )

1,400 S.Y. \$ 5,600-

\*Indeterminate Quantity. These quantities are not guaranteed. Payment will be based upon actual quantities constructed.

5. PAVEMENT

- 5A Reclaim Existing Pavement and prepare  
for Paving, per square yard

EIGHT dollars  
and ZERO cents  
(\$ 8- )

1,400 S.Y. \$ 11,200-

- 5C. Furnish and Place (Machine Method)  
Permanent Base Course Pavement,  
3" minimum depth, per Ton

ONE HUNDRED dollars  
and ZERO cents  
(\$ 100- )

300 TON \$ 30,000-

- 5D. Furnish and Place (Machine Method)  
Top and Leveling Course Pavement  
1 1/2" minimum depth, per Ton

ONE HUNDRED FORTY dollars  
and ZERO cents  
(\$ 140- )

150 TON \$ 21,000-

Subtotal for Page  
Base Bid

\$ 67,801

## BRIEF DESCRIPTION

## BASE BID

ITEM NO.	BID PRICE ENTERED IN BOTH WORDS AND FIGURES (UNIT PRICE)	ESTIMATED QUANTITY	TOTAL PRICE (UNIT PRICE X QUANTITY)
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5. PAVEMENT CONT.

- 5E. Furnish and Place Bituminous Concrete Pavement (Hand Method) for Test Pits and Miscellaneous Areas, per Ton

ZERO dollars  
and ONE cents  
(\$ 0.01 )

35 TON \$ 0.35

- 5F. Furnish and Place Temporary Trench Pavement,  
3" minimum paving depth, per Linear Foot

ZERO dollars  
and ONE cents  
(\$ 0.01 )

1,000 L.F. \$ 10-

6. INCIDENTAL WORK

- 6A. Concrete (3000 psi) for Encasement Cradles and Miscellaneous Work, per Cubic Yard

ZERO dollars  
and ONE cents  
(\$ 0.01 )

10\* C.Y. \$ 0.10

- 6B. Uniformed Police for Traffic Control, Per Man-hour

Fourty-four dollars  
and No cents  
(\$ 44.00 )

450\*\*M.H. \$ 19,800

- 6D. Unmarked Drain Service Repair, All Sizes up to 12" Inside Diameter As Specified, Each

Two Hundred Fifty dollars  
and ZERO cents  
(\$ 250.- )

1\* EA. \$ 250-

\*Indeterminate Quantity. These quantities are not guaranteed. Payment will be based upon actual quantities constructed.

Subtotal for Page  
Base Bid

\$ 20,060.45



## BRIEF DESCRIPTION

## BASE BID

ITEM NO.	BID PRICE ENTERED IN BOTH WORDS AND FIGURES (UNIT PRICE)	ESTIMATED QUANTITY	TOTAL PRICE (UNIT PRICE X QUANTITY)
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6. INCIDENTAL WORK CONT.

- 6F. Remodel Existing Drain or Sewer Manhole or Catch Basin Structure, As Required, per Vertical Foot

Two hundred fifty dollars  
and zero cents  
(\$ 250-)

10\* V.F. \$ 2,500-

- 6G. Furnish and Install Bituminous Concrete Sidewalk, All widths, 3" min. depth, per square yard

zero dollars  
and one cents  
(\$ 0.01)

50 S.Y. \$ 0.50

- 6H. Loam & Seeding or Mulch for Landscaping Repair, per Square Yard

five dollars  
and zero cents  
(\$ 5-)

500\* S.Y. \$ 2,500-

- 6I. Furnish and Install Straw Filter Tubes, "Wattles", Per Linear Foot

ten dollars  
and zero cents  
(\$ 10-)

450 L.F. \$ 4,500-

\*Indeterminate Quantity. These quantities are not guaranteed. Payment will be based upon actual quantities constructed.

\*\*NOTE: Police Detail invoices will be paid by Contractor and reimbursed by the City of Waltham up to \$19,800 for Base Bid. Contractor shall coordinate detail Assignments.

Subtotal for Page  
Base Bid

\$ 9,500.50

## BRIEF DESCRIPTION

## BASE BID

ITEM NO.	BID PRICE ENTERED IN BOTH WORDS AND FIGURES (UNIT PRICE)	ESTIMATED QUANTITY	TOTAL PRICE (UNIT PRICE X QUANTITY)
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7. LUMP SUM ITEMS

7A. Mobilization, the Lump Sum of  
~~SEVENTYFIVEHUNDRED~~ dollars  
 and ZERO cents  
 (\$ 7,500 -)

1 L.S. \$ 7,500 -

7B. Miscellaneous Work and Cleanup,  
 the Lump Sum of  
~~FIFTEENHUNDRED~~ dollars  
 and ZERO cents  
 (\$ 1,500 -)

1 L.S. \$ 1,500 -

7C. Traffic Control System for Vehicle  
 and Pedestrian Safety,  
 the Lump Sum of  
ZERO dollars  
 and ONE cents  
 (\$ 0.01)

1 L.S. \$ 0.01

7D. Rodent Control, the Lump Sum of  
~~FIVEHUNDRED~~ dollars  
 and ZERO cents  
 (\$ 500 -)

1 L.S. \$ 500 -

Subtotal for Page \$ 9,500.01  
 Base Bid

Total for Base Bid \$ 198,160.46

## BRIEF DESCRIPTION

## ADD ALTERNATE 1

ITEM NO.	BID PRICE ENTERED IN BOTH WORDS AND FIGURES (UNIT PRICE)	ESTIMATED QUANTITY	TOTAL PRICE (UNIT PRICE X QUANTITY)
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~ITEMS LISTED IN ADD ALTERNATE #1 THAT ARE ALSO INCLUDED IN THE BASE BID SHALL

HAVE THE SAME UNIT BID PRICES IN BOTH THE BASE BID AND ADD ALTERNATE #1~

- 5F. Furnish and Place Temporary Trench Pavement, 3" minimum paving depth, per Linear Foot  
zero dollars  
 and ONE cents  
 (\$ 0.01 )  
 250 L.F. \$ 2.50
- 6B. Uniformed Police for Traffic Control, Per Man-hour  
Fourty-four dollars  
 and zero cents  
 (\$ 44.00 )  
 100 MH.\*\* \$ 4,400.00
- 7E. Mobilization of Additional Equipment and Materials Required for Add Alternate #1, the Lump Sum of  
~~THIRTYFIVEHUNDRED~~ zero dollars  
 and zero cents  
 (\$ 3,500 - )  
 1 L.S. \$ 3,500 -
- 7F. Traffic Control System for Vehicle and Pedestrian Safety Required for Add Alternate #1, the Lump Sum of  
~~FIFTEENHUNDRED~~ zero dollars  
 and zero cents  
 (\$ 1,500 - )  
 1 L.S. \$ 1,500 -
- 7G. Rodent Control Required for Add Alternate #1, the Lump Sum of  
~~FIVEHUNDRED~~ zero dollars  
 and zero cents  
 (\$ 500 - )  
 1 L.S. \$ 500 -

\*\*NOTE: Police Detail Invoices will be paid by the Contractor and reimbursed by the City of Waltham up to \$4,400 for Add Alternate #1. Contractor shall coordinate detail Assignments.

Subtotal for Page

\$ 9902.50

## BRIEF DESCRIPTION

## ADD ALTERNATE 1

ITEM NO.	BID PRICE ENTERED IN BOTH WORDS AND FIGURES (UNIT PRICE)	ESTIMATED QUANTITY	TOTAL PRICE (UNIT PRICE X QUANTITY)
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## 8. SEWER PIPE AND FITTINGS, SEWER SYSTEM APURTENANCES

- 8A. Furnish and Install 8" Dia. SDR 35 PVC Gravity Sewer Pipe and Fittings, all depths of cover, per Linear Foot

~~ONE HUNDRED AND FIFTY~~ dollars  
and ZERO cents  
(\$ 175 -)

250 L.F. \$ 43,750 -

- 8B. Furnish and Install 6" Dia. SDR 35 PVC Gravity Sewer Pipe and Fittings, all depths of cover, per Linear Foot

ZERO dollars  
and ONE cents  
(\$ 0.01)

280 L.F. \$ 2<sup>80</sup>

- 8C. Furnish and Install Sewer manhole Frame and cover, As specified, each

~~FIFTEEN HUNDRED~~ dollars  
and ZERO cents  
(\$ 1,500 -)

2 EA. \$ 3,000 -

- 8D. Furnish and Install 4' Dia. Standard Precast Sanitary Manholes, any Depth, As Specified, Each

~~TEN THOUSAND~~ dollars  
and ZERO cents  
(\$ 10,000 -)

2 EA. \$ 20,000 -

- 8E. Furnish and Install Sewer Service Cleanout Assembly, As Specified, each

~~TWELVE HUNDRED~~ dollars  
and ZERO cents  
(\$ 1,200 -)

3 EA. \$ 3,600 -

Subtotal for Page \$ 70,352.80

Total for Add Alternate 1 \$ 80,255.30



BID SUMMARY SHEET

BID TOTALS:

TOTAL BASE BID  
(Pages 00300-5 through 00300-11)

\$ 198,160.46

ONE HUNDRED NINETEEN THOUSAND ONE HUNDRED SIXTY & 46/100  
(Amount in Words)

TOTAL ADD ALTERNATE 1  
(Page 00300-12 through 00300-13)

\$ 80,255.30

EIGHT THOUSAND TWO HUNDRED FIFTY FIVE & 30/100  
(Amount in Words)

TOTAL BASE BID + ADD ALTERNATE 1  
(Pages 00300-5 through 00300-13)

\$ 278,415.76

TWO HUNDRED SEVENTY EIGHT THOUSAND FOUR HUNDRED FIFTEEN & 76/100  
(Amount in Words)

Basis of Award shall be at the Owner's sole discretion.

# BASE SCOPE OF WORK BID FORM

*J. D'Amico*

The Base Bid include all the work of the Contractor, being all work covered by Items 120.1 through 999, inclusive.

Montclair Avenue Water Main Replacement

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
119.101	1	LS	RODENT CONTROL AT <u>FIFTEEN HUNDRED DOLLARS</u> per lump sum	1,500 <sup>-</sup>	1,500 <sup>-</sup>
120.1	50*	CY	UNCLASSIFIED EXCAVATION AT <u>ONE CENT</u> per cubic yard	0.01	0.50
129	5300	SY	PAVEMENT MILLING AT <u>FIVE DOLLARS</u> per square yard	5 <sup>-</sup>	26,500 <sup>-</sup>
141.1	100	CY	TEST PIT FOR EXPLORATION AT <u>ONE HUNDRED DOLLARS</u> per cubic yard	100 <sup>-</sup>	10,000 <sup>-</sup>
144	350*	CY	CLASS B ROCK EXCAVATION AT <u>ONE CENT</u> per cubic yard	0.01	3 <sup>50</sup>
151	350*	CY	GRAVEL BORROW AT <u>ONE CENT</u> per cubic yard	0.01	3 <sup>50</sup>
153	50*	CY	CONTROLLED DENSITY FILL AT <u>ONE CENT</u> per cubic yard	0.01	0.50
156	50*	CY	CRUSHED STONE AT <u>ONE CENT</u> per cubic yard	0.01	0.50
182.2	100*	FT	REMOVAL OF ASBESTOS AT <u>ONE CENT</u> per each	0.01	1 <sup>-</sup>
220	22	EA	DRAINAGE STRUCTURE ADJUSTED AT <u>THREE HUNDRED DOLLARS</u> per each	300 <sup>-</sup>	6,600 <sup>-</sup>
220.2	80	VLF	DRAINAGE STRUCTURE REBUILT AT <u>ONE CENT</u> per vertical linear foot	0.01	0.80
220.7	13	EA	SANITARY STRUCTURE ADJUSTED AT <u>THREE HUNDRED DOLLARS</u> per each	300 <sup>-</sup>	3,900 <sup>-</sup>
221.1	12	EA	FRAME GRATE (OR COVER) MUNICIPAL STANDARD AT <u>ONE THOUSAND DOLLARS</u> per each	1,000 <sup>-</sup>	12,000 <sup>-</sup>

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
238.12	50	FT	12 INCH DUCTILE IRON PIPE AT <u>ONE CENT</u> per foot	0.01	0.50
241.15	50	FT	15 INCH REINFORCED CONCRETE PIPE AT <u>ONE CENT</u> per foot	0.01	0.50
250.04	535	FT	4 INCH PVC SANITARY SEWER PIPE AT <u>ONE CENT</u> per foot	0.01	5 <sup>35</sup>
252.15	50	FY	15 INCH HDPE PIPE AT <u>ONE CENT</u> per foot	0.01	0.50
301.1	1	LS	4 INCH TEMP BYPASS WATER MAIN BASE BID WORK AT <u>ONE HUNDRED THOUSAND DOLLARS</u> per lump sum	100,000	100,000
302.06	130	FT	6 INCH DUCTILE IRON WATER PIPE AT <u>FIFTY DOLLARS</u> per foot	50 <sup>-</sup>	6,500 <sup>-</sup>
302.08	1040	FT	8 INCH DUCTILE IRON WATER PIPE AT <u>ONE HUNDRED TWENTY FIVE DOLLARS</u> per foot	125 <sup>-</sup>	130,000 <sup>-</sup>
302.12	350	FT	12 INCH DUCTILE IRON WATER PIPE AT <u>ONE HUNDRED SEVENTY FIVE DOLLARS</u> per foot	175 <sup>-</sup>	61,250 <sup>-</sup>
302.16	75	FT	16 INCH DUCTILE IRON WATER PIPE AT <u>THIRTEEN HUNDRED TWENTY FIVE DOLLARS</u> per foot	325 <sup>-</sup>	24,375 <sup>-</sup>
309	6000	LB	DUCTILE IRON FITTINGS FOR WATER PIPE AT <u>ONE CENT</u> per pound	0.01	60 <sup>-</sup>
347.1	1020	FT	1 INCH COPPER TUBING TYPE K AT <u>EIGHTY DOLLARS</u> per foot	80 <sup>-</sup>	81,600 <sup>-</sup>
350.06	6	EA	6 INCH GATE AND GATE BOX AT <u>TWELVE HUNDRED DOLLARS</u> per each	1,200 <sup>-</sup>	7,200 <sup>-</sup>
350.08	5	EA	8 INCH GATE AND GATE BOX AT <u>FIFTEEN HUNDRED DOLLARS</u> per each	1,500 <sup>-</sup>	7,500 <sup>-</sup>
350.12	5	EA	12 INCH GATE AND GATE BOX AT <u>SEVENTY FIVE HUNDRED DOLLARS</u> per each	7,500 <sup>-</sup>	37,500 <sup>-</sup>



ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
356.16	3	EA	16 INCH GATE AND GATE BOX AT <u>TWENTYTHOUSAND DOLLARS</u> per each	20,000	60,000 <sup>-</sup>
358	20	EA	GATE BOX ADJUSTED AT <u>ONEHUNDREDFIFTY DOLLARS</u> per each	150 <sup>-</sup>	3,000 <sup>-</sup>
363.1	64	EA	1 INCH CORPORTAION COCK AT <u>ONE CENT</u> per each	0.01	0.64
371.06	1	EA	6 INCH COUPLING AT <u>FIVEHUNDRED DOLLARS</u> per each	500 <sup>-</sup>	500 <sup>-</sup>
371.08	4	EA	8 INCH COUPLING AT <u>ONE THOUSAND DOLLARS</u> per each	1,000 <sup>-</sup>	4,000 <sup>-</sup>
371.16	5	EA	16 INCH COUPLING AT <u>FIVE THOUSAND DOLLARS</u> per each	5,000 <sup>-</sup>	25,000 <sup>-</sup>
376	6	EA	HYDRANT AT <u>SEVENTYFIVE HUNDRED DOLLARS</u> per each	7,500 <sup>-</sup>	45,000 <sup>-</sup>
381.01	64	EA	SERVICE BOX MUNICIPAL STANDARD AT <u>ONE CENT</u> per each	0.01	0.64
384	64	EA	CURB STOP AT <u>ONE CENT</u> per each	0.01	0.64
460	1650	TON	HOT MIX ASPHALT AT <u>ONE CENT</u> per ton	0.01	16 <sup>50</sup>
464	265	GAL	BITUMEN FOR TACK COAT AT <u>ONE CENT</u> per gallon	0.01	2 <sup>65</sup>
472	320	TON	HOT MIX ASPHALT FOR MISCELANEOUS WORK AT <u>ONE CENT</u> per ton	0.01	3 <sup>20</sup>
472.2	1250	SY	HOT MIX ASPHALT FOR PERMANENT PATCH (5") AT <u>FIFTY DOLLARS</u> per square yard	50 <sup>-</sup>	62,500 <sup>-</sup>
518	11	EA	CURB INLET CONCRETE AT <u>TWELVE HUNDRED DOLLARS</u> per each	1,200	13,200 <sup>-</sup>
570.2	1400	FT	HOT MIX ASPHALT CURB TYPE 1, 2 OR 3 AT <u>TEN DOLLARS</u> per foot	10 <sup>-</sup>	14,000 <sup>-</sup>



ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
580	150	FT	CURB REMOVED AND RESET AT <u>THIRTY DOLLARS</u> per foot	30 <sup>-</sup>	4,500 <sup>-</sup>
697.1	14	EA	SILT SACK AT <u>SEVENTY FIVE DOLLARS</u> per each	75 <sup>-</sup>	1,050 <sup>-</sup>
701	75	SY	CEMENT CONCRETE SIDEWALK AT <u>ONE CENT</u> per Square Yard	0.01	0.75
702	150	SY	HOT MIX ASPHALT WALK SURFACE AT <u>ONE CENT</u> per Square Yard	0.01	1 <sup>50</sup>
703	400	SY	HOT MIX ASPHALT DRIVEWAY AT <u>ONE CENT</u> per Square Yard	0.01	4 <sup>-</sup>
751.2	650	SY	LOAM BORROW AND SEEDING AT <u>ONE CENT</u> per square yard	0.01	6 <sup>50</sup>
850.1	1	LS	TRAFFIC CONTROL BASE BID WORK AT <u>TWENTY THOUSAND DOLLARS</u> per lump sum	20,000 <sup>-</sup>	20,000 <sup>-</sup>
999	2250	HR	POLICE DETAILS AT <u>FORTY FIVE DOLLARS AND NO CENTS</u> per hour	\$45.00	\$101,250.00
TOTAL BASE BID: <u>EIGHT HUNDRED SEVENTY THOUSAND FIVE HUNDRED THIRTY EIGHT &amp; 67/100 DOLLARS</u>				870,538.67	

Price written in:

Words (Dollars and Cents)

Figures

\*\*\*\*Indeterminate quantities. These quantities are not guaranteed. Payment will be based on actual quantities constructed.\*\*\*\*

Basis of Award: The basis of award shall be at the Owner's sole discretion.

**Add. Alternate #1 – Montclair Avenue Water Main Replacement (Piedmont Ave to Trimount Ave)**

Note: Items listed in the Add. Alternates below that are also included in the Base Bid above shall have the same unit bid prices in both the Base Bid and the Add. Alternates.

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
119.201	1	LS	RODENT CONTROL AT <u>FIFTYHUNDRED DOLLARS</u> per lump sum	1,500 <sup>-</sup>	1,500 <sup>-</sup>
129	1300	SY	PAVEMENT MILLING AT <u>FIVE DOLLARS</u> per square yard	5 <sup>-</sup>	6,500 <sup>-</sup>
141.1	50*	CY	TEST PIT FOR EXPLORATION AT <u>ONEHUNDRED DOLLARS</u> per cubic yard	100 <sup>-</sup>	5,000 <sup>-</sup>
182.2	50*	FT	REMOVAL OF ASBESTOS AT <u>ONE CENT</u> per each	0.01	0.50
220	4	EA	DRAINAGE STRUCTURE ADJUSTED AT <u>THREEHUNDRED DOLLARS</u> per each	300 <sup>-</sup>	1,200 <sup>-</sup>
220.2	20	VLF	DRAINAGE STRUCTURE REBUILT AT <u>ONE CENT</u> per vertical linear foot	0.01	0.20
220.7	5	EA	SANITARY STRUCTURE ADJUSTED AT <u>THREEHUNDRED DOLLARS</u> per each	300 <sup>-</sup>	1,500 <sup>-</sup>
222.1	4	EA	FRAME GRATE (OR COVER) MUNICIPAL STANDARD AT <u>ONE THOUSAND DOLLARS</u> per each	1,000 <sup>-</sup>	4,000 <sup>-</sup>
250.04	20	FT	4 INCH PVC SANITARY SEWER PIPE AT <u>ONE CENT</u> per foot	0.01	0.20
252.15	50	FT	15 INCH HDPE PIPE AT <u>ONE CENT</u> per foot	0.01	0.50
301.2	1	LS	4 INCH TEMP BYPASS WATER MAIN ADD ALT WORK AT <u>FIFTYTHOUSAND DOLLARS</u> per lump sum	50,000 <sup>-</sup>	50,000 <sup>-</sup>
302.06	40	FT	6 INCH DUCTILE IRON WATER PIPE AT <u>FIFTY DOLLARS</u> per foot	50 <sup>-</sup>	2,000 <sup>-</sup>
302.08	660	FT	8 INCH DUCTILE IRON WATER PIPE AT <u>ONEHUNDRED TWENTY FIVE DOLLARS</u> per foot	125 <sup>-</sup>	82,500 <sup>-</sup>
309	2000	LB	DUCTILE IRON FITTINGS FOR WATER PIPE AT <u>ONE CENT</u> per pound	0.01	20 <sup>-</sup>

ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
347.1	200	FT	1 INCH COPPER TUBING TYPE K AT <u>EIGHTY DOLLARS</u> per foot	80 <sup>-</sup>	16,000 <sup>-</sup>
350.06	2	EA	6 INCH GATE AND GATE BOX AT <u>TWELVE HUNDRED DOLLARS</u> per each	1,200 <sup>-</sup>	2,400 <sup>-</sup>
350.08	2	EA	8 INCH GATE AND GATE BOX AT <u>FIFTEEN HUNDRED DOLLARS</u> per each	1,500 <sup>-</sup>	3,000 <sup>-</sup>
358	10	EA	GATE BOX ADJUSTED AT <u>ONE HUNDRED FIFTY DOLLARS</u> per each	150 <sup>-</sup>	1,500 <sup>-</sup>
363.1	20	EA	1 INCH CORPORAION COCK AT <u>ONE CENT</u> per each	0.01	0.20
371.06	1	EA	6 INCH COUPLING AT <u>FIVE HUNDRED DOLLARS</u> per each	500 <sup>-</sup>	500 <sup>-</sup>
376	2	EA	HYDRANT AT <u>SEVENTY FIVE HUNDRED DOLLARS</u> per each	7,500 <sup>-</sup>	15,000 <sup>-</sup>
381.01	20	EA	SERVICE BOX MUNICIPAL STANDARD AT <u>ONE CENT</u> per each	0.01	0.20
384	20	EA	CURB STOP AT <u>ONE CENT</u> per each	0.01	0.20
460	450	TON	HOT MIX ASPHALT AT <u>ONE CENT</u> per ton	0.01	4 <sup>50</sup>
464	65	GAL	BITUMEN FOR TACK COAT AT <u>ONE CENT</u> per gallon	0.01	0.65
472	80	TON	HOT MIX ASPHALT FOR MISCELANEOUS WORK AT <u>ONE CENT</u> per ton	0.01	0.80
472.2	450	SY	HOT MIX ASPHALT FOR PERMANENT PATCH (5") AT <u>FIFTY DOLLARS</u> per square yard	50 <sup>-</sup>	22,500 <sup>-</sup>
514	2	EA	CURB INLET CONCRETE AT <u>TWELVE HUNDRED DOLLARS</u> per each	1,200 <sup>-</sup>	2,400 <sup>-</sup>
570.2	100	FT	HOT MIX ASPHALT CURB TYPE 1, 2 OR 3 AT <u>TEN DOLLARS</u> per foot	10 <sup>-</sup>	1,000 <sup>-</sup>



ITEM NO.	QUANTITY	UNIT	ITEM DESCRIPTION WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
580	30	FT	CURB REMOVED AND RESET AT <u>THIRTY DOLLARS</u> per foot	30	900
697.1	3	EA	SILT SACK AT <u>SEVENTY FIVE DOLLARS</u> per each	75	225
701	25	SY	CEMENT CONCRETE SIDEWALK AT <u>ONE CENT</u> per Square Yard	0.01	0.25
702	100	SY	HOT MIX ASPHALT WALK SURFACE AT <u>ONE CENT</u> per Square Yard	0.01	1
703	250	SY	HOT MIX ASPHALT DRIVEWAY AT <u>ONE CENT</u> per Square Yard	0.01	2.50
751.2	400	SY	LOAM BORROW AND SEEDING AT <u>ONE CENT</u> per square yard	0.01	4
850.2	1	LS	TRAFFIC CONTROL ADDITIVE ALTERNATIVE AT <u>TWENTY THOUSAND DOLLARS</u> per lump sum	20,000	20,000
999	500	HR	POLICE DETAILS AT <u>FORTY FIVE DOLLARS AND NO CENTS</u> per hour	\$45.00	\$22,500.00
TOTAL ADD ALTERNATE #1: TWO HUNDRED SIXTY TWO THOUSAND ONE HUNDRED SIXTY & 70/100 DOLLARS				+ 262,160.70	

Price written in:

Words (Dollars and Cents)

Figures

\*\*\*\*Indeterminate quantities. These quantities are not guaranteed. Payment will be based on actual quantities constructed.\*\*\*\*

Basis of Award: The basis of award shall be at the Owner's sole discretion.



SECTION 00302

COMBINED BID SUMMARY AND DISCOUNT RATE

CHRISTOPHER ROAD WATER MAIN REPLACEMENT BID TOTALS:

TOTAL BASE BID  
(Pages 00300-5 through 00300-11)

\$ <sup>¢</sup> 198,160.46

ONE HUNDRED NINETY EIGHT THOUSAND ONE HUNDRED SIXTY <sup>46</sup>/<sub>100</sub> DOLLARS  
(Amount in Words)

TOTAL ADD ALTERNATE 1  
(Page 00300-12 through 00300-13)

\$ <sup>¢</sup> 80,255.30

EIGHT THOUSAND TWO HUNDRED FIFTY <sup>30</sup>/<sub>100</sub> DOLLARS  
(Amount in Words)

TOTAL BASE BID + ADD ALTERNATE 1  
(Pages 00300-5 through 00300-13)

\$ 278,415.76

TWO HUNDRED SEVENTY EIGHT THOUSAND FOUR HUNDRED FIFTY <sup>76</sup>/<sub>100</sub> DOLLARS  
(Amount in Words)

Basis of Award shall be at the Owner's sole discretion.

MONTCLAIR AVENUE WATER MAIN REPLACEMENT BID TOTALS:

TOTAL BASE BID

(Pages 00301-3 through 00301-6)

\$ <sup>¢</sup> 870,538.67

EIGHT HUNDRED SEVENTY THOUSAND FIVE HUNDRED THIRTY EIGHT + 67/100 DOLLARS  
(Amount in Words)

TOTAL ADD ALTERNATE 1

(Page 00301-7 through 00301-9)

\$ <sup>¢</sup> 262,160.70

TWO HUNDRED SIXTY TWO THOUSAND ONE HUNDRED SIXTY TWO + 70/100 DOLLARS  
(Amount in Words)

TOTAL BASE BID + ADD ALTERNATE 1

(Pages 00301-3 through 00301-9)

\$ <sup>¢</sup> 1,132,699.37

ONE MILLION ONE HUNDRED THIRTY TWO THOUSAND SIX HUNDRED NINETY NINE + 37/100 DOLLARS  
(Amount in Words)

Basis of Award shall be at the Owner's sole discretion.

BID SUMMARY

CHRISTOPHER ROAD BASE BID \$ 198,160.46

CHRISTOPHER ROAD ADD ALT. #1 \$ 80,255.30

MONTCLAIR AVENUE BASE BID \$ 870,538.67

MONTCLAIR AVENUE ADD ALT. #1 \$ 262,160.70

GRAND TOTAL \$ 1,411,115.13

PERCENT DISCOUNT RATE IF ALL  
BASE BIDS AND ADD ALTERNATES  
ARE AWARDED TOGETHER 0 % (In Figures)  
ZERO % (In Words)

If accepted, the Percent Discount shall be applied to all  
line item Unit Prices in each Bid and Add Alternates

DISCOUNTED TOTAL \$ 1,411,115.13  
(In Figures)

\$ ONE MILLION FOUR HUNDRED ELEVENTHousand AND ONE HUNDRED FIFTEEN & 13/100 DOLLARS  
(In Words)

Basis of Award shall be at the Owner's sole discretion.