

CITY OF NORWALK
Norwalk City Hall
125 East Avenue, PO Box 5125
Room 225
Norwalk, CT 06856-5125
P: 203-854-7791 / F: 203-857-0143

PUBLIC WORKS COMMITTEE of the COMMON COUNCIL

DATE: Tuesday, September 5, 2017

TIME: 7:00 P.M.

PLACE: Norwalk City Hall, 2nd Floor, Room 225

AGENDA

Public Input

Public input (Guests at Committee meetings may speak to any item on the agenda. Comments shall be limited to no more than three (3) minutes per speaker.)

New Business

1. Approve the Minutes of the Public Works Committee Meeting of Tuesday, June 6, 2017.
2. Authorize the Mayor, Harry W. Rilling, to execute a Supplemental Agreement between the City of Norwalk and AECOM (formerly URS Corporation), for extra professional engineering design services required during construction, for the Rehabilitation of the Perry Avenue Bridge over the Norwalk River Project, ConnDOT Project No. 102-319, for an amount not to exceed \$78,500.00. (Funding 80% Federal, 20% City).

Account No: 09 17 4021 5777 C0392
09 18 4021 5777 C0392
09 16 4021 5799 C0392

- 3a. Authorize the Mayor, Harry W. Rilling, to execute an Agreement with A.M. Rizzo Electrical Contractors, Inc. for Project TRF 2017-1 Traffic Signal Improvements at Various Locations, for a sum not to exceed \$1,124,150.31.

Account No: 09 03 4120 5777 C0232
09 04 4120 5777 C0232
09 05 4021 5777 C0232
09 08 4021 5777 C0232
09 09 4021 5777 C0232
09 12 4021 5777 C0232
09 13 4021 5777 C0232
09 14 4021 5777 C0232
09 16 4021 5777 C0232

- 3b. Authorize the Director of Public Works to execute orders on the Contract with A.M. Rizzo Electrical Contractors, Inc. for Project TRF 2017-1 Traffic Signal Improvements at Various Locations, for a sum not to exceed \$112,415.03.

Account No: 09 03 4120 5777 C0232
09 04 4120 5777 C0232
09 05 4021 5777 C0232
09 08 4021 5777 C0232
09 09 4021 5777 C0232
09 12 4021 5777 C0232
09 13 4021 5777 C0232
09 14 4021 5777 C0232
09 16 4021 5777 C0232

4. Authorize the Director of Public Works to execute an Amendment with The Grasso Companies, LLC for Project PM 2017-1, Pavement Management Program, for a sum not to exceed \$1,000,000.00.

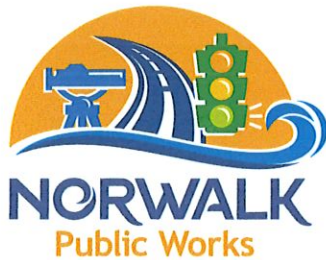
Account No: 09 18 4021 5777 C0021

Information / Discussion

- A. Monthly Solid Waste Report – May ; June & July 2017
- B. Customer Service Report – June : July & August 2017
- C. Correspondence
 - 1. Covewood/Wilson Ave DOT Report
 - 2. 2017 DEEP Municipal Transfer Station Second Quarter Report

Upcoming Projects

Next Meeting: Tuesday, October 3, 2017
7:00 P.M.
Room 225, Norwalk City Hall



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**CITY OF NORWALK
PUBLIC WORKS COMMITTEE
June 6, 2017**

ATTENDANCE: John Igneri, Chair; Thomas Livingston; Richard Bonenfant; Michael Corsello

STAFF: Bruce Chimento, Director; Lisa Burns, Principal Engineer

Mr. Igneri called the meeting to order at 7:01 p.m. A quorum was present.

Mr. Chimento introduced the current four (4) interns to the Committee. Domenick Peragine, UNH Graduate; Jeff Fredericks, CCSU Graduate; Mario Pizighelli, CCSU Senior; Franklin Bartley, CCSU Junior. Each intern gave a brief summary of their duties at Public Works. Mr. Chimento also introduced Tom Little as the Permit Engineer and described his duties to the Committee.

Mr. Igneri then moved on to the Public Input section of the agenda.

PUBLIC INPUT

Ms. Diane Lauricella began stating that she thinks it's terrific that the department is utilizing interns. She then asked if the committee would reconsider the allotment of time given to the public to speak under the public input section of the agenda. She said that she appreciates being able to speak but would like them to consider being a little more lenient with the time. Ms. Lauricella said that she is here to talk about item #4 on the agenda. She said that she is very pleased with all the research put into finding a vehicle regarding the 2017 Ford F-250 truck. She said that she would like to have a discussion about the fuel economy's minimal standards and all of the equipment that we use in the City to save the tax payer money on fuel. She said she asked the past director but to no avail. Ms. Lauricella stated that she would like to discuss item #5 regarding the concrete curbing and sidewalk contract to The Grasso Companies, LLC. She asked that this item is not passed to the Council. She said that it is ill advised for The Grasso Companies, LLC to be allowed to apply for any contract as they hide responsibility. She continued to say that DEEP still has an issue with them. She said that she asks that the Committee rejects this item.

NEW BUSINESS

1. APPROVE THE MINUTES OF THE PUBLIC WORKS COMMITTEE MEETING OF TUESDAY, MAY 2, 2017.

****MR. LIVINGSTON MOVED THE ITEM**

****MR. CORSELLO ABSTAINED**

****MOTION PASSED WITH ONE ABSTENTION**

2. AUTHORIZE THE DIRECTOR OF PUBLIC WORKS, TO EXECUTE CHANGE ORDERS FOR PROJECT PM 2017-1 PAVEMENT MANAGEMENT PROGRAM, FOR A SUM NOT TO EXCEED \$675,000.00.

Account No: 09 16 5010 5777 C0516

09 18 5010 5777 C0516

28 35 5100 430 49

Mr. Bonenfant asked for more information regarding the change orders.

Ms. Burns stated that this is to add work for the Board of Education school parking lots and related improvements. She said that the schools are Naramake, Wolfpit, Norwalk High School and Fox Run.

Mr. Livingston asked if these costs were coming out of the school's budget.

Ms. Burns answered yes. She said that there is also an account listed for \$100,000 to expand the City Hall Parking Lot and the unused portion of the Malquist Field.

Mr. Livingston asked when the schools would be completed.

Mr. Chimento replied by the summer.

Ms. Burns stated that this is just adding work to the current paving contract for the BOE.

Mr. Bonenfant stated that he is okay with the paving of the schools but he feels that the other part is a controversial topic in regards to the field.

Ms. Burns stated that the design for the field has not begun. She said that they are just adding it to the contract if they so choose to do so. She said that this is just to encumber the funds for now.

Mr. Bonenfant said that he does not agree with it.

Mr. Chimento explained how the item was introduced and the procedures that must take place prior to accomplishing the task. He said that he is planning on paving City Hall parking lot over the Columbus Holiday weekend.

Ms. Burns stated that under this contract City Hall's parking lot is going to be paved so it was just to add that portion of the work.

Mr. Corsello said that he was surprised to see it on the agenda coming from the capital budget.

Ms. Burns stated that it was added at the end.

Mr. Corsello said that he is skeptical about receiving plans that they could live with.

The Committee discussed this item and decided to amend the action removing the \$100,000 appropriation for the Malmquist Field.

Authorize, the Director of Public Works, to execute Change Orders for Project PM 2017-1 Pavement Management Program, for a sum not to exceed \$575,000.00

****MR. LIVINGSTON MOVED THE AMENDEDMENT**

****AMENDMENT PASSED UNANIMOUSLY**

****MR. LIVINGSTON MOVED THE ITEM**

****MOTION PASSED UNANIMOUSLY AS AMENDED**

3. AUTHORIZE THE PURCHASING AGENT TO ISSUE A PURCHASE ORDER TO THE W.I. CLARK COMPANY, FOR THE PURCHASE OF ONE (1) JOHN DEERE 624K II FOUR WHEEL DRIVE LOADER, FOR A SUM NOT TO EXCEED \$154,121.78. STATE OF CONNECTICUT CONTRACT NUMBER 16PSXP0151.

Account No: 09 18 4031 5777 C0313

Mr. Chimento stated that this item was in the capital budget that was approved for heavy equipment. He said that the item is off of the state bid and there is a letter stating that they will hold the vehicle at the state bid price.

Mr. Livingston asked what the truck would be used for.

Mr. Chimento responded that it is a replacement loader.

Mr. Corsello asked to have clarification on what exactly it means when you say state bid.

Mr. Chimento answered that the State puts out bids covering a vast variety every year and they are allowed to tap into their bids for a lower price. He said that the Purchasing Department handles all of that.

****MR. IGNERI MOVED THE ITEM**

****MOTION PASSED UNANIMOUSLY**

4. AUTHORIZE THE PURCHASING AGENT TO ISSUE A PURCHASE ORDER TO TASCA AUTOMOTIVE GROUP CT EAST, INC., FOR THE PURCHASE OF ONE (1) 2017 FORD F-250, FOR A SUM NOT TO EXCEED \$31,935.00.

Account No: 09 17 4031 5777 C0313

Mr. Livingston asked if this is a replacement truck.

Mr. Chimento answered yes, it will be replacing one of the supervisors truck.

Mr. Livingston said that he noticed it has a plow.

Ms. Burns said that supervisors have plows on their trucks if they ever need to do any touch up work.

Mr. Livingston asked how the truck models are chosen.

Mr. Chimento explained that depending on their needs they may choose the bigger/heavier truck models. He then began to explain some of the fleet trucks.

Mr. Corsello asked if this was on the state bid.

Mr. Chimento answered no. He said that this was their bid.

Mr. Bonenfant asked if there was an advantage to pay more or to buy locally.

Mr. Chimento said that they do their own maintenance on the vehicles unless it is still under warranty. He said that the local dealers would do all the warranty work.

****MR. BONENFANT MOVED THE ITEM**

****MOTION PASSED UNANIMOUSLY**

5a. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE AN AGREEMENT WITH THE GRASSO COMPANIES, LLC. FOR PROJECT NO. RD 2017-2 CONCRETE CURBS AND SIDEWALKS AT VARIOUS LOCATIONS, FOR A SUM NOT TO EXCEED \$826,618.00. (SUBJECT TO THE SAME TERMS AND CONDITIONS AS AWARD CONTRACT PM2017-1).

Account No: 09 18 4021 5777 C0318

5b. AUTHORIZE THE DIRECTOR OF PUBLIC WORKS, BRUCE CHIMENTO, TO EXECUTE ORDERS ON CONTRACT WITH THE GRASSO COMPANIES, LLC. FOR PROJECT NO. RD 2017-2 CONCRETE CURBS AND SIDEWALKS AT VARIOUS LOCATIONS, FOR A SUM NOT TO EXCEED \$166,763. THIS VALUE CONSISTS OF 10% THE CONTRACT VALUE, PLUS AN \$84,101

ESTIMATED COST FOR SIDEWALK AND CURB REPLACEMENT WORK TO BE PERFORMED FOR REDEVELOPMENT AGENCY AT SIDE BY SIDE SCHOOL AT THE INTERSECTION OF CHESTNUT ST. AND HENRY ST. TO BE FUNDED BY AN URBAN CORRIDOR ACCOUNT.

Account No: 09 18 4021 5777 C0318
09 18 0910 5777 C0287

The Committee discussed the compliance issue regarding the contractor. It was decided that the Contract will be subject to the same terms and conditions as award contract PM2017-1. The Committee would also like a letter from Planning and Zoning stating there are no issues with this contractor.

Mr. Chimento stated that they are obligated to choose the lowest responsible bidder and they do not consider any other extenuating circumstances. He said that their work has been alright in the past and that is why they have moved forward with The Grasso Companies, LLC.

Mr. Igneri stated that the next lowest responsible bidder would be increased by \$21,000.

Mr. Livingston asked if they have been any problems at the sites. He also asked if they are in compliance with everything including zoning.

Mr. Igneri stated that there have been several complaints about the hiring of The Grasso Companies, LLC. He said that he phoned Grasso Jr's lawyer in regards to the complaints.

Mr. Chimento stated that he spoke with Michael Wrinn in planning and zoning and believes that there may be an issue with an auto body shop in the building.

Mr. Corsello stated that would be Grasso Sr. who would have to take care of that issue.

Mr. Livingston said that he would like to see something that states they are in compliance. He also said that this contract should have the same requirements as the last contract that was awarded to them.

Mr. Igneri summarized the issue of awarding the contract to The Grasso Companies, LLC. He said that they do good work, they do not get surprise change orders and the work is being done rapidly and efficiently.

Mr. Livingston wanted to know the meaning of apparent low bidder.

Ms. Burns explained the process. She said that when the bid opening takes place the documents are not validated at that point, so before that happens the engineer would just read the bottom line to find the lowest apparent bidder, then the engineer confirms that the bond is good and all the numbers are correct. Once that is completed the lowest apparent bidder becomes the lowest responsible bidder.

Mr. Corsello asked Ms. Burns to clarify what she meant by The Grasso Companies, LLC are easy to work with.

Ms. Burns stated that from a contract administration standpoint they are easy to work with. She stated that all bonds are checked for validity by the Corporation Counsel.

Mr. Bonenfant asked if Public Works buys and tests the asphalt used for paving.

Mr. Chimento answered that the contractor buys the asphalt and the department completes the tests at the plant.

Mr. Livingston suggested that the resolution is put in now prior to going to Council.

Ms. Burns suggested that a sentence is put on the item stating "subject to the same terms and conditions as contract #PM2017-1".

Mr. Bonenfant wanted to be clear that he voted yes to the amendment and voted no to the action.

****MR. CORSELLO MOVED THE AMENDMENT**

****AMENDMENT PASSED UNANIMOUSLY**

****MR. CORSELLO MOVED THE ITEM AS AMENDED**

****MR. BONENFANT OBJECTED**

****MOTION PASSED WITH ONE OBJECTION**

6. AUTHORIZE THE MAYOR, HARRY W. RILLING, TO EXECUTE A CITY/STATE AGREEMENT FOR DEMAND DEPOSIT FOR STATE PROJECT 102-325 (INTERSECTION IMPROVEMENTS ON U.S. ROUTE 1 AT ROUTE 53), FOR A TOTAL SUM NOT TO EXCEED \$31,900.00.

Account No: 09 18 4021 5777 C0318

Ms. Burns stated that the project was reviewed in 2014 for intersection improvements. The project has already been awarded and the State is working on Route 53/Westport Avenue. She said that the historic district for East Avenue extends to that corner. She began to explain the wall, showing the members where it will be located and what it would look like. She said that it is a high traffic area.

Mr. Livingston asked how large the proposed wall would be.

Ms. Burns replied 1000 sq. ft.

Mr. Bonenfant asked if the wall will be used for safety making people use the other side of the street.

Ms. Burns replied that there will be sidewalk improvements as well.

Mr. Bonenfant asked if the wall could trap people since it is so hard to cross the street due to the crosswalk button not working.

Mr. Chimento said that they are changing the traffic signalization.

Ms. Burns added that there will also be pedestrian improvements. She said that the wall will wrap around the corner.

Mr. Corsello asked for the purpose of the wall.

Ms. Burns replied to widen the sidewalk.

****MR. IGNERI MOVED THE ITEM
MOTION PASSED UNANIMOUSLY

INFORMATION / DISCUSSION

A. MONTHLY SOLID WASTE REPORT – APRIL 2017

Mr. Chimento stated that they are right where they should be with solid waste.

B. CUSTOMER SERVICE REPORT – MAY 2017

There was no discussion on the customer service report this evening.

C. CORRESPONDENCE

Mr. Chimento reviewed and discussed all correspondence. He stated that these items would have been on the next agenda and asked permission to move straight to council. He explained the sidewalk improvement in regards to the Safe Routes to Schools Roton Middle School Project.

Ms. Burns interjected stating that the bid opening is scheduled for the beginning of July and would like to forward this item to the July 11, 2017 Common Council Agenda.

Mr. Chimento discussed the upcoming drainage project. He explained the drainage and flooding issue on Saddle Road to the Committee.

Ms. Burns stated that the bid opening is scheduled for July 13, 2017 and would like to forward the item to the July 25, 2017 Common Council Agenda. She also explained the project to the Committee.

Mr. Chimento asked if there were any questions on the remaining correspondence that was in the packet.

The Committee began to discuss correspondence regarding the use of a City bucket truck. It was determined that the City was well within management rights to use the bucket truck.

Correspondence from the Chief of Police regarding Protective Measures was discussed. Ms. Burns stated that Mr. Little wrote a Standard Operating Procedure for Maintenance and Protection of Traffic (MPT) in response to the use of police officers on a project.

There were no further discussions regarding correspondence.

UPCOMING PROJECTS

Mr. Igneri discussed the possibility of cancelling the July 2017 meeting.

****MR. IGNERI MOVED TO CANCEL THE JULY 5, 2017 MEETING**

****MOTION PASSED UNANIMOUSLY**

Next meeting is scheduled for Tuesday, August 1, 2017 in Room 225.

****MR. LIVINGSTON MOVED TO ADJOURN**

****MOTION PASSED UNANIMOUSLY**

There was no further business and the meeting was unanimously adjourned at 8:48 p.m.

Respectfully submitted,

Monique Cipriano
Executive Assistant
Public Works Department

August 14, 2017

Ms. Lisa Burns, P.E.
Principal Engineer
Engineering Department - City Hall
Department of Public Works
P.O. Box 5125
125 East Avenue
Norwalk, CT 06856-5125

Re: Supplement #3 - Request
State Project 102-319
Perry Ave. Bridge over the Norwalk River
URS Project No. 36936290

Dear Ms. Burns:

This letter follows up on our letter dated December 1, 2016 requesting a third supplement to our contract in order to provide additional funding for design related services during construction. A copy of the letter is enclosed for reference. Subsequent to sending the letter, several meetings have been held between the City, the Department and AECOM to review the request. This letter adjusts our December 1, 2016 proposal based on these discussions.

1. Wage Rate Escalation (Design Services Contract)

The request for a wage escalation was denied in a meeting held June 2, 2017.

2. Shop Drawings/Working Drawings (Design Services Contract)

The attached Table 1 was updated to reflect our work to date and to estimate remaining work associated with review of shop and working drawings. The list of submittals was reviewed in a meeting held June 6, 2017, and it was determined that the level of effort required was not reflected in the original fee. After review it was determined that work related to items SD_004B, SD_005B, WD_001A, WD_002C, and WD_006B was considered to be additional work and the remainder of the reviews are considered part of the original assignment. The raw labor associated with these five items is \$7,522. Using a multiplier of 2.586 the total additional fee would be \$19,452.

3. Consultation During Construction (Design Services During Construction)

The attached Table 2 was updated to reflect our effort to date and to estimate the remaining work associated with tasks. The table listing reimbursable tasks was reviewed in a meeting held June 6, 2017, and it was determined that these tasks were compensable and should be paid for under design services during construction. Using a multiplier of 2.586, the work to date equates to \$8,945, and future work equates to \$10,199.

4. Extra Work (Design Services During Construction)

The attached Table 3 was updated to reflect the final expenditures for three tasks. These three tasks were left in the category for extra work for consistency with the previous letter; however, they will be paid for under Design Services During Construction

- **Load Rating**
The Department required that the existing rating be updated to meet the requirements of the CTDOT Load Rating Manual using that latest version of AASHTOWare. Per the meeting held June 2, 2017 it was recognized that this was extra work and that the Department would participate in 30 hours of this effort. This equates to a fee of $(30 \text{ hrs} / 246 \text{ hrs}) \times (\$11,526 \text{ total raw labor}) \times (2.586 \text{ multiplier}) = \$3,635$
- **Bridge Railing**
The Department required that the bridge rail be modified to a TL3 railing. Change Order #2 was issued to revise the contract drawings. Per the June 2, 2017 meeting the Department will participate in this redesign. Based on actual expenditures this results in a requested fee of $(\$6,040 \text{ Raw Labor}) \times (2.586 \text{ Multiplier}) = \$15,619$.
- **M&PT Stage 1C**
Due to the change in bridge rail in Change order #2 modifications were required to the maintenance and protection staging so that the project could proceed while the railing was being fabricated/installed. Change Order #3 was issued to add new sheets for Stage 1C and an eastbound detour. Per the June 2, 2017 meeting the maximum the allowed by the City was \$3,500.

5. Construction Inspection (Construction Inspection Services Contract)

Based on the latest approved construction schedule submitted by PJF Construction (Completion May 1, 2018) and the expenditures from inception to August 2, 2017, AECOM request additional cost plus fee of 78,500.00 to be added to the Construction Engineering Inspection Services Contract. The attached Table 4 is based on:

- inspection services from August 2, 2017 to completion May 1, 2018 and close out totaling \$ 185,069
- assumed 8 weeks of inspection may be needed through winter shutdown from December 1, 2017 to March 30, 2018.
- labor expenditures from inception to August 2, 2017 is \$ 298,786
- leaves the original contract contingency \$ 40,544.68

Summary

Extra Work for Shop & Working Drawings

This extra work award compensates for the additional effort required for shop and working drawing. Approval of a lump sum amount of \$19,452 is requested to be included in Supplement 3.

Design Services During Construction (DSDC)

This extra work award compensates for various design related tasks to support construction (DSDC). Work will be performed on a cost-plus basis. Approval will be required for by the



Ms. Lisa Burns
June 7, 2017
Page 3 of 3

City for each task. A cost-plus amount of \$54,898 is requested to be included in Supplement 3 for DSDC. Approval is also requested for work tasks to date.

DSDC

Item	Work to Date	Budget for Future Work	Total DSDC Budget Supplement 3
RFI's in Table 2	\$8,945	\$10,199	\$19,144
Load Rating	\$3,635	-----	\$3,635
CO #2 (Railing)	\$15,619	-----	\$15,619
CO #3 (M&PT)	\$3,500	-----	\$3,500
Two Future CO's	-----	\$13,000	\$13,000
Totals	\$31,699	\$23,199	\$54,898

Total

The total request for Supplement #3 for the Design Services Contract is **\$74,350**. Shop/working drawings and DSDC to date accounts for \$51,151 of this, and future DSDC requiring authorization from the City account for the balance (\$23,199).

The total request for Supplement #3 for the Construction Inspection Services Contract is **\$78,500**.

Should you have any questions please contact Kenneth Hinsch at 860-990-6742.

Sincerely,

AECOM (URS Corporation AES)

Joseph Scalise, P.E.
Project Manager

Ronald G. Sacchi, P.E.
Technical Director

Enclosures

cc: Bob Cosker / CJM

		As of 6/02/17			Remain			Est Final				
Folder	Description	No. Sheets	Number of Reviews	Complete	Hrs	Raw Labor	Hrs	Rate	Raw Labor	Hrs	Raw Labor	Comments
Shop Drawings												
SD_001A	Abutment and Wingwalls	2	1	Yes	23	\$ 1,067	0	\$ -	\$ 49	23	\$ 1,116	
SD_002A	Elastomeric Bearings	2	1	Yes	4	\$ 198	0	\$ -	\$ -	4	\$ 198	
SD_003B	Structural Steel Misc. (Utility Supports)	3	2	Yes	15	\$ 824	0	\$ -	\$ -	15	\$ 824	
SD_004B	Prestress Beams	33	2	Yes	55	\$ 2,413	0	\$ -	\$ -	55	\$ 2,413	Includes: RFIs 4, 5, 7, 11, 12, 13
SD_005B	Abut, Wingwall, Deck Rebar, Beams	6	3	Yes	29	\$ 1,248	0	\$ -	\$ -	29	\$ 1,248	
SD_006A	Fence for Retaining Wall	2	2	Yes	6	\$ 311	0	\$ -	\$ -	6	\$ 311	
SD_007A	Retaining Wall Parapet Rebar	1	1	Yes	5	\$ 282	0	\$ -	\$ -	5	\$ 282	
SD_008A	Traffic Items	1	0	Yes	2	\$ 85	0	\$ -	\$ -	2	\$ 85	DOT review, some coord req
SD_009A	Force Main - Pipe, fittings, joints	4	2	Yes	1	\$ 43	2	\$ 58	\$ 87	3	\$ 130	
SD_010A	Rods & Supports for Force Main	3	2		1	\$ 43	2	\$ 58	\$ 116	3	\$ 159	
SD_011A	Metal Bridge Rail	8	1		0	\$ -	12	\$ 58	\$ 696	12	\$ 696	
	Force Main - Link Seal	1	1		0	\$ -	2	\$ 58	\$ 116	2	\$ 116	
	Force Main - Misc	1	1		0	\$ -	2	\$ 58	\$ 116	2	\$ 116	
	Rebar Misc.	3	1		0	\$ -	2	\$ 58	\$ 116	2	\$ 116	
	Geotextile - Yes	1	1		0	\$ -	2	\$ 58	\$ 116	2	\$ 116	
	Water Main	2	1		0	\$ -	6	\$ 58	\$ 348	6	\$ 348	Coord. w/ Water Co.
	Final Signage	2	1		0	\$ -	4	\$ 58	\$ 232	4	\$ 232	
	Detectable Warning Strips	1	1		0	\$ -	2	\$ 58	\$ 116	2	\$ 116	
	Asphaltic Plug Joint	1	1		0	\$ -	2	\$ 58	\$ 116	2	\$ 116	
	Waterproof Membrane	1	1		0	\$ -	2	\$ 58	\$ 116	2	\$ 116	
	Closeout and Record Set of Shop Drawings	0	0		0	\$ -	6	\$ 58	\$ 348	6	\$ 348	
												At 2.586 Multiplier
	Shop Drawings - TOTALS	78	26		141	\$ 6,514	46	\$59.08	\$ 2,688	187	\$ 9,202	\$23,796

CITY OF NORWALK
REHABILITATION OF PERRY AVE. OVER NORWALK RIVER

Rev of 6/2/17

Folder	Description	No. Sheets	Number of Reviews	Complete	As of 6/02/17		Remain		Est Final		Comments
					Hrs	Raw Labor	Hrs	Rate	Raw Labor	Hrs	
Working Drawings											
WD_001A	Retaining Wall (Site No. 1)	----	3	Yes	31	\$ 1,522	0	\$ -	\$ -	31	\$ 1,522 Includes: RFI 8
WD_002C	Temporary Bridge	----	3	Yes	26	\$ 1,331	0	\$ -	\$ -	26	\$ 1,331
WD_003A	Oil absorbent boom, Sed Control, Dewatering plan	----	1	Yes	0	\$ -	0	\$ -	\$ -	0	\$ - Reviewed by CEI
WD_004B	Removal of Superstructure - Stage 1 Debris Shield	----	2	Yes	2	\$ 85	0	\$ -	\$ -	2	\$ 85
WD_005C	Cofferdam - Nail Wall	----	4	Yes	31	\$ 1,166	0	\$ -	\$ -	31	\$ 1,166
WD_006B	Cofferdam - Sheet piling	----	3	Yes	26	\$ 1,008	0	\$ -	\$ -	26	\$ 1,008
WD_007A	Manhole >10' at Sta 11+76	----	2	Yes	3	\$ 141	0	\$ -	\$ -	3	\$ 141
WD_008A	Beam Lifting Loop Calculations	----	1	Yes	8	\$ 219	0	\$ -	\$ -	8	\$ 219
WD_009A	Concrete Mix Design for Beams	----	1	Yes	0	\$ -	0	\$ -	\$ -	0	\$ - CTDOT to review
WD_010B	Retaining Wall Parapet	----	2	Yes	13	\$ 676	0	\$ -	\$ -	13	\$ 676
WD_011A	6' Dia Manhole	----	1	Yes	0	\$ -	0	\$ -	\$ -	0	\$ - Reviewed by CEI
WD_012A	Crane Stage 1 & 2	----	1	Yes	1	\$ 58	0	\$ -	\$ -	1	\$ 58
	Force Main By-Pass	----	2		0	\$ -	12	\$ 58	\$ 696	12	\$ 696
	Crane for Stage 3	----	1		0	\$ -	2	\$ 58	\$ 116	2	\$ 116
	Retaining Walls for Stage 3	----	1		0	\$ -	8	\$ 58	\$ 464	8	\$ 464
	Closeout and Record Set of Working Drawings	----	----		0	\$ -	6	\$ 58	\$ 348	6	\$ 348
											At 2.586 Multiplier
	Working Drawings - TOTALS	----	27		141	\$ 6,206	28	\$58.00	\$ 1,624	169	\$ 7,830
Summary											
	Shop and Working Drawings & Management - TOTALS		53		282	\$ 12,720	74	\$58.67	\$ 4,312	356	\$ 17,032
											At 2.586 Multiplier
											\$44,045

CITY OF NORWALK

Rev of 6/2/17

[illegible]

CITY OF NORWALK
REHABILITATION OF PERRY AVE. OVER NORWALK RIVER

Table #3 - Extra Work
Perry Avenue - Project 102-319

Rev of 6/2/17

Folder	Description	Billable	Complete	As of 6/2			Remain			Est Final			Comments
				Hrs	Raw Labor		Hrs	Rate	Raw Labor	Hrs	Raw Labor	at 2.586 Multiplier	
RFL_904	Load Rating	Yes	Yes	246	\$ 11,526		0	\$0 \$	-	246	\$ 11,526	\$ 29,806	Update load rating using AASHTOWare.
CO_02	Bridge Railing	Yes	Yes	148	\$ 6,040		0	\$0 \$	-	148	\$ 6,040	\$ 15,619	Revise rail type. 7 Sheets
CO_03	M&PT Stage 1C	Yes	Yes	49	\$ 2,533		0	\$0 \$	-	49	\$ 2,533	\$ 6,550	Revise M&PT due to delay in delivery of bridge railing. 2 Sheets.
	2 Future CO's - Estimated	Yes		0	\$ -		100	\$50	\$ 5,000	100	\$ 5,000	\$ 12,930	
Extra Work - TOTAL (ANTICIPATED)				443	\$ 20,099		100	\$50.00	\$ 5,000	543	\$ 25,099	\$ 64,906	At 2.586 Multiplier
													\$64,906

Table 4-1

July 15, 2017

Perry Avenue over Norwalk River - Project 102-319

FEDERAL LOCAL BRIDGE PROGRAM
CONSTRUCTION INSPECTION MAN-HOURS

(FOR ESTIMATING PURPOSES)

(No. of Calendar Days =)

(Field BFO Rate = 114.05%)

EMPLOYEE CLASSIFICATIONS	CONSTRUCTION COORDINATOR	CHIEF INSPECTOR LEVEL 2	SURVEY PARTY CHIEF	TRANST MAN / RODMAN	CLERICAL
TASKS - Extra Work 01					
Inspection	--	1160	--	--	
Technical Support	128	--	--	--	--
Project Close-out	8	160	--	--	16
Field Survey	--	--	40	40	--
As-Built Plans		40	--	--	--
TOTAL HOURS	136	1360	40	40	16
hourly rate	76.75	47.75	44.00	31.26	33.27
direct labor	\$ 10,438.00	\$ 64,940.00	\$ 1,760.00	\$ 1,250.40	\$ 532.32
profit (20.45% of labor)	\$ 2,134.57	\$ 13,280.23	\$ 359.92	\$ 255.71	\$ 108.86
audited bfo 114.05%	\$ 11,904.54	\$ 74,064.07	\$ 2,007.28	\$ 1,426.08	\$ 607.11
Total task fee	\$ 24,477.11	\$ 152,284.30	\$ 4,127.20	\$ 2,932.19	\$ 1,248.29
					\$ 185,069.09
					additional direct cost \$0.00
					\$ 185,069.09

Notes:

Additional Inspection hours based on Contractors revised schedule end date 5/4/2018 and 8 weeks of work during the winter shutdown

August 2 through December 1 2017 = 17 weeks

December 4 2017 through April 1 2018 (winter shutdown estimated) = 8 weeks

April 1 through May 4, 2018 = 4 weeks

Total inspection hours to completion from 8/02/2017 to 05/01/2018 = 29 weeks @ 40 hours = 1160 hours

The Field BFO's, as audited and approved by the DOT is current (114.05%) and profit shall be 20.45% of the total field direct payroll cost (instead of 10% of payroll plus BFO costs).

Revenue to completion	\$185,069.09
Original Proposal	\$405,447.00
Net Service Expenditure to date (08/02/17)	\$298,786.00
Available Revenue under contract	\$106,661.00
Contract contingency for extra work	\$40,544.68

Extra Work Request	\$185,069.09
	= \$106,661.00
	<u>\$78,408.09</u>

Table 4-2

Budget Changes (not yet included in Financials)

Draft Budget Changes		Cost Impact		Revenue Impact		Submitted Budget Changes				
No records to display						No records to display				
Financial Information(all numbers in functional/operational currency)										
Metric	MTD	YTD	ITD	ETC	F'cast EAC	Original Budget	Curr. App. Budget	Prv. F'cast EAC	F'cast Delta	Pending Changes
Gross Revenue	0.00	192,539.80	301,198.43	116,301.57	417,500.00	417,500.00	417,500.00	417,500.00	0.00	
ODC - Exps	0.00	1,481.92	1,896.64	8,103.36	10,000.00	12,000.00	12,000.00	10,000.00	0.00	
ODC - Subs	0.00	516.40	516.40	1,483.60	2,000.00	0.00	0.00	2,000.00	0.00	
ODC - Contingency	—	—	—	—	0.00	0.00	0.00	0.00	0.00	
Net Service Revenue	0.00	190,541.48	298,785.39	106,714.61	405,500.00	405,500.00	405,500.00	405,500.00	0.00	0.00
Labour	0.00	81,170.82	127,589.07	45,636.20	173,225.27	172,942.41	172,942.41	173,225.27	0.00	
Fringe	0.00	32,372.81	50,540.11	18,749.99	69,290.10	69,176.97	69,176.97	69,290.10	0.00	
Gross Margin	0.00	76,997.85	120,656.21	42,328.42	162,984.63	163,380.62	163,380.62	162,984.63	0.00	0.00
Overhead	0.00	57,472.82	92,455.20	31,439.18	123,894.38	130,044.82	130,044.82	123,894.38	0.00	
Net Margin	0.00	19,525.03	28,201.01	10,889.24	39,090.25	33,335.80	33,335.80	39,090.25	0.00	0.00
Cost	0.00	173,014.77	272,997.42	105,412.33	378,409.75	384,164.20	384,164.20	378,409.75	0.00	
Cost Plan	5,262.52	231,550.88	373,638.92	—	—	—	—	—	—	—
GM/NSR		40.41	40.38	- 0.19	40.19	40.29	40.29	40.19	0.00	
NM/NSR		10.25	9.44	0.20	9.64	8.22	8.22	9.64	0.00	



CITY OF NORWALK
Department of Public Works

P: 203-854-7891 / F: 203-857-0143

Norwalk City Hall
125 East Avenue, P.O. Box 5125
Norwalk, CT 06856-5125

BID SHEET

PROJECT: TRF2017-1

TRAFFIC SIGNAL IMPROVEMENTS AT VARIOUS LOCATIONS

DATE: TUESDAY, AUGUST 29, 2017 2:00 P.M.

BIDDER	BID AMOUNT	BID BOND
A.M. Rizzo Electrical Contractors, Inc. 64 Triangle Street Danbury, CT 06810	\$1,124,150.31 Apparent Low Bidder	15% Travelers Casualty and Surety Company of America
L. Holzner Electric Company 596 John Street Bridgeport, CT 06604	\$1,627,300.00 (Corrected Amount - Math Error)	15% Fidelity and Deposit Company of Maryland
	\$	%
	\$	%
	\$	%
	\$	%
	\$	%

3A & 3B

ProjectNumber: TRF2017-1

Project Name: TRAFFIC SIGNAL IMPROVEMENTS AT VARIOUS LOCATIONS

Item Number	Description	Quantity	Unit	Apparent Low Bidder		Second Bidder		Third Bidder		Engineer's Estimate	
				UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount
0205002 A	ROCK IN TRENCH EXCAVATION (0' - 4' DEEP)	26.00	CY	\$230.00	\$5,980.00	\$175.00	\$4,550.00	\$0.00	\$0.00	\$200.00	\$5,200.00
0205003 A	TRENCH EXCAVATION (0' - 10' DEEP)	25.00	CY	\$115.00	\$2,875.00	\$56.00	\$1,400.00	\$0.00	\$0.00	\$20.00	\$500.00
0205004 A	ROCK IN TRENCH EXCAVATION (0' - 10' DEEP)	10.00	CY	\$310.00	\$3,100.00	\$210.00	\$2,100.00	\$0.00	\$0.00	\$225.00	\$2,250.00
0219011 A	SEDIMENTATION CONTROL AT CATCH BASIN	9.00	EA	\$250.00	\$2,250.00	\$350.00	\$3,150.00	\$0.00	\$0.00	\$250.00	\$2,250.00
0406203 A	ROAD ENCROACHMENT PERMANENT PAVEMENT REPAIR (COLLECTOR) MIN BID - SEE SPECIAL NOTES	44.00	SY	\$450.00	\$19,800.00	\$115.00	\$5,060.00	\$0.00	\$0.00	\$90.00	\$3,960.00
0406204 A	ROAD ENCROACHMENT PERMANENT PAVEMENT REPAIR (LOCAL) MIN BID - SEE SPECIAL NOTES	128.00	SY	\$450.00	\$57,600.00	\$105.00	\$13,440.00	\$0.00	\$0.00	\$65.00	\$8,320.00
0507001 A	TYPE "C" CATCH BASIN	1.00	EA	\$3,275.00	\$3,275.00	\$6,500.00	\$6,500.00	\$0.00	\$0.00	\$3,000.00	\$3,000.00
0507007 A	TYPE "C" CATCH BASIN TOP	2.00	EA	\$3,075.00	\$6,150.00	\$1,500.00	\$3,000.00	\$0.00	\$0.00	\$700.00	\$1,400.00
0507781	RESET MANHOLE	1.00	EA	\$2,600.00	\$2,600.00	\$4,900.00	\$4,900.00	\$0.00	\$0.00	\$450.00	\$450.00
0507792 A	RECONSTRUCT CATCH BASIN	3.00	VF	\$3,500.00	\$10,500.00	\$700.00	\$2,100.00	\$0.00	\$0.00	\$275.00	\$825.00
0507831	CONVERT CATCH BASIN TO MANHOLE	1.00	EA	\$3,050.00	\$3,050.00	\$5,600.00	\$5,600.00	\$0.00	\$0.00	\$1,500.00	\$1,500.00
0651001 A	BEDDING MATERIAL	4.00	CY	\$235.00	\$940.00	\$110.00	\$440.00	\$0.00	\$0.00	\$35.00	\$140.00
0651657	15" CORRUGATED P.E. PIPE (SMOOTH INTERIOR)	10.00	LF	\$975.00	\$9,750.00	\$50.00	\$500.00	\$0.00	\$0.00	\$80.00	\$800.00
0651753	4" SDR-35 PVC	15.00	LF	\$20.00	\$300.00	\$28.00	\$420.00	\$0.00	\$0.00	\$35.00	\$525.00
0811001 A	CONCRETE CURBING	735.00	LF	\$47.00	\$34,545.00	\$56.00	\$41,160.00	\$0.00	\$0.00	\$35.00	\$25,725.00
0815001	BITUMINOUS CONCRETE LIP CURBING	40.00	LF	\$8.00	\$320.00	\$8.00	\$320.00	\$0.00	\$0.00	\$4.50	\$180.00
0921001 A	CONCRETE SIDEWALK	2675.00	SF	\$18.00	\$48,150.00	\$16.00	\$42,800.00	\$0.00	\$0.00	\$15.00	\$40,125.00
0921011 A	CONCRETE DRIVEWAY RAMP	85.00	SF	\$45.00	\$3,825.00	\$35.00	\$2,975.00	\$0.00	\$0.00	\$16.00	\$1,360.00
0921021 A	RELAY PRECAST CONCRETE PAVER SIDEWALK AND DRIVEWAY	80.00	SF	\$12.20	\$976.00	\$42.00	\$3,360.00	\$0.00	\$0.00	\$30.00	\$2,400.00
0922001 A	BITUMINOUS CONCRETE SIDEWALK	39.00	SY	\$56.00	\$2,184.00	\$200.00	\$7,800.00	\$0.00	\$0.00	\$40.00	\$1,560.00

ProjectNumber: TRF2017-1

Project Name: TRAFFIC SIGNAL IMPROVEMENTS AT VARIOUS LOCATIONS

Item	Number	Description	Quantity	Unit	Apparent Low Bidder		Second Bidder		Third Bidder		Engineer's Estimate	
					UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount
	0924007 A	HANDICAP RAMPS (ADA COMPLIANT)	156.00	SF	\$45.00	\$7,020.00	\$25.00	\$3,900.00	\$0.00	\$0.00	\$40.00	\$6,240.00
	0944003 A	FURNISHING AND PLACING TOPSOIL	125.00	SY	\$9.50	\$1,187.50	\$14.00	\$1,750.00	\$0.00	\$0.00	\$6.00	\$750.00
	0950005 A	TURF ESTABLISHMENT (MODIFIED)	125.00	SY	\$29.00	\$3,625.00	\$6.00	\$750.00	\$0.00	\$0.00	\$2.00	\$250.00
	0952001 A	SELECTIVE CLEARING & THINNING	1.00	LS	\$4,500.00	\$4,500.00	\$42,500.00	\$42,500.00	\$0.00	\$0.00	\$4,000.00	\$4,000.00
	0970006 A	TRAFFICPERSON (MUNICIPAL POLICE OFFICER)	1.00	ALLOW	\$62,500.00	\$62,500.00	\$62,500.00	\$62,500.00	\$0.00	\$0.00	\$62,500.00	\$62,500.00
	0971001 A	MAINTENANCE AND PROTECTION OF TRAFFIC	1.00	LS	\$41,000.00	\$41,000.00	\$237,400.00	\$237,400.00	\$0.00	\$0.00	\$40,000.00	\$40,000.00
	0975004 A	MOBILIZATION AND PROJECT CLOSEOUT (MAX 3% OF BID)	1.00	LS	\$31,000.00	\$31,000.00	\$40,000.00	\$40,000.00	\$0.00	\$0.00	\$26,550.00	\$26,550.00
	0980002 A	PROJECT SURVEY AND STAKEOUT	1.00	LS	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00	\$0.00	\$0.00	\$10,000.00	\$10,000.00
	1000000 A	RELOCATION OF EXISTING UTILITIES	1.00	ALLOW	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$0.00	\$0.00	\$40,000.00	\$40,000.00
	1001001 A	TRENCHING AND BACKFILLING	895.00	LF	\$40.00	\$35,800.00	\$35.00	\$31,325.00	\$0.00	\$0.00	\$41.00	\$36,695.00
	1002015	ROCK IN FOUNDATION EXCAVATION	23.00	VF	\$1,000.00	\$23,000.00	\$350.00	\$8,050.00	\$0.00	\$0.00	\$500.00	\$11,500.00
	1002201 A	TRAFFIC CONTROL FOUNDATION - SPAN POLE	5.00	EA	\$8,200.00	\$41,000.00	\$25,000.00	\$125,000.00	\$0.00	\$0.00	\$7,000.00	\$35,000.00
	1002202 A	TRAFFIC CONTROL FOUNDATION - MAST ARM	2.00	EA	\$9,400.00	\$18,800.00	\$45,000.00	\$90,000.00	\$0.00	\$0.00	\$9,500.00	\$19,000.00
	1002203	TRAFFIC CONTROL FOUNDATION PEDESTAL - TYPE I	10.00	EA	\$465.00	\$4,650.00	\$225.00	\$2,250.00	\$0.00	\$0.00	\$550.00	\$5,500.00
	1002208 A	TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE IV	2.00	EA	\$1,080.00	\$2,160.00	\$500.00	\$1,000.00	\$0.00	\$0.00	\$2,500.00	\$5,000.00
	1008015 A	2" RIGID METAL CONDUIT - SURFACE	125.00	LF	\$22.00	\$2,750.00	\$28.00	\$3,500.00	\$0.00	\$0.00	\$35.00	\$4,375.00
	1008115 A	2" RIGID METAL CONDUIT - IN TRENCH	390.00	LF	\$11.00	\$4,290.00	\$25.00	\$9,750.00	\$0.00	\$0.00	\$18.00	\$7,020.00
	1008117 A	3" RIGID METAL CONDUIT - IN TRENCH	125.00	LF	\$22.00	\$2,750.00	\$30.00	\$3,750.00	\$0.00	\$0.00	\$21.00	\$2,625.00

ProjectNumber: TRF2017-1

Project Name: TRAFFIC SIGNAL IMPROVEMENTS AT VARIOUS LOCATIONS

Item	Number	Description	Quantity	Unit	Apparent Low Bidder		Second Bidder		Third Bidder		Engineer's Estimate	
					UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount
	1008215 A	2" RIGID METAL CONDUIT - UNDER ROADWAY	405.00	LF	\$14.00	\$5,670.00	\$40.00	\$16,200.00	\$0.00	\$0.00	\$25.00	\$10,125.00
	1008217 A	3" RIGID METAL CONDUIT - UNDER ROADWAY	270.00	LF	\$25.00	\$6,750.00	\$48.00	\$12,960.00	\$0.00	\$0.00	\$26.00	\$7,020.00
	1010011 A	CONCRETE HANDHOLE - TYPE I	13.00	EA	\$615.00	\$7,995.00	\$330.00	\$4,290.00	\$0.00	\$0.00	\$550.00	\$7,150.00
	1010021 A	CONCRETE HANDHOLE - TYPE II	8.00	EA	\$545.00	\$4,360.00	\$225.00	\$1,800.00	\$0.00	\$0.00	\$375.00	\$3,000.00
	1017032 A	SERVICE (METERED)	2.00	EA	\$980.00	\$1,960.00	\$4,800.00	\$9,600.00	\$0.00	\$0.00	\$1,200.00	\$2,400.00
	1017053 A	SERVICE (UNMETERED)	2.00	EA	\$500.00	\$1,000.00	\$2,800.00	\$5,600.00	\$0.00	\$0.00	\$900.00	\$1,800.00
	1017301 A	60 AMP., 240 VOLT FUSED SERVICE DISCONNECT SWITCH	2.00	EA	\$1,249.00	\$2,498.00	\$560.00	\$1,120.00	\$0.00	\$0.00	\$600.00	\$1,200.00
	1017302 A	60 AMP., 240 VOLT FUSED SERVICE DISCONNECT SWITCH IN HANDHOLE	2.00	EA	\$950.00	\$1,900.00	\$700.00	\$1,400.00	\$0.00	\$0.00	\$850.00	\$1,700.00
	1102002 A	8' ALUMINUM PEDESTAL	10.00	EA	\$700.00	\$7,000.00	\$700.00	\$7,000.00	\$0.00	\$0.00	\$550.00	\$5,500.00
	1103021 A	28' STEEL SPAN POLE	1.00	EA	\$10,300.00	\$10,300.00	\$14,000.00	\$14,000.00	\$0.00	\$0.00	\$4,300.00	\$4,300.00
	1103058 A	28' STEEL COMBINATION SPAN POLE (10' BRACKET)	3.00	EA	\$11,300.00	\$33,900.00	\$15,400.00	\$46,200.00	\$0.00	\$0.00	\$5,300.00	\$15,900.00
	1103060 A	32' STEEL COMBINATION SPAN POLE (10' BRACKET)	1.00	EA	\$11,200.00	\$11,200.00	\$20,000.00	\$20,000.00	\$0.00	\$0.00	\$6,800.00	\$6,800.00
	1104037 A	STEEL MAST ARM ASSEMBLY 38' - 1W	1.00	EA	\$17,000.00	\$17,000.00	\$23,000.00	\$23,000.00	\$0.00	\$0.00	\$17,000.00	\$17,000.00
	1104038 A	STEEL MAST ARM ASSEMBLY 50' - 1W	1.00	EA	\$19,700.00	\$19,700.00	\$34,335.00	\$34,335.00	\$0.00	\$0.00	\$21,000.00	\$21,000.00
	1105003 A	1 WAY, 3 SECTION SPAN WIRE TRAFFIC SIGNAL	9.00	EA	\$1,030.00	\$9,270.00	\$840.00	\$7,560.00	\$0.00	\$0.00	\$1,250.00	\$11,250.00
	1105008 A	2 WAY, 1 - 3 SECTION, 1 - 4 SECTION SPAN WIRE TRAFFIC SIGNAL	1.00	EA	\$2,040.00	\$2,040.00	\$1,820.00	\$1,820.00	\$0.00	\$0.00	\$2,300.00	\$2,300.00
	1105013 A	3 WAY, 2 - 3 SECTION, 1 - 4 SECTION SPAN WIRE TRAFFIC SIGNAL	1.00	EA	\$2,800.00	\$2,800.00	\$2,380.00	\$2,380.00	\$0.00	\$0.00	\$3,150.00	\$3,150.00
	1105103 A	1 WAY, 3 SECTION MAST ARM TRAFFIC SIGNAL	4.00	EA	\$1,060.00	\$4,240.00	\$850.00	\$3,400.00	\$0.00	\$0.00	\$1,400.00	\$5,600.00
	1105107 A	2 WAY, 3 SECTION MAST ARM TRAFFIC SIGNAL	2.00	EA	\$2,000.00	\$4,000.00	\$1,680.00	\$3,360.00	\$0.00	\$0.00	\$2,400.00	\$4,800.00

ProjectNumber: TRF2017-1

Project Name: TRAFFIC SIGNAL IMPROVEMENTS AT VARIOUS LOCATIONS

Item Number	Description	Quantity	Unit	Apparent Low Bidder		Second Bidder		Third Bidder		Engineer's Estimate	
				UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount
1105156 A	1 WAY, 2 SECTION PLUS FLASHING 8" YELLOW, MAST ARM TRAFFIC SIGNAL	2.00	EA	\$1,700.00	\$3,400.00	\$1,260.00	\$2,520.00	\$0.00	\$0.00	\$1,450.00	\$2,900.00
1105166 A	2 WAY, 1 - 3 SECTION, 1 - 2 SECTION PLUS FLASHING 8" YELLOW, MAST ARM TRAFFIC SIGNAL	2.00	EA	\$2,430.00	\$4,860.00	\$1,960.00	\$3,920.00	\$0.00	\$0.00	\$2,750.00	\$5,500.00
1105203 A	1 WAY, 3 SECTION POLE MOUNTED TRAFFIC SIGNAL	2.00	EA	\$975.00	\$1,950.00	\$840.00	\$1,680.00	\$0.00	\$0.00	\$1,175.00	\$2,350.00
1106002 A	2 WAY, PEDESTRIAN SIGNAL POLE MOUNTED	2.00	EA	\$1,450.00	\$2,900.00	\$1,400.00	\$2,800.00	\$0.00	\$0.00	\$1,300.00	\$2,600.00
1106003 A	1 WAY, PEDESTRIAN SIGNAL PEDESTAL MOUNTED	6.00	EA	\$730.00	\$4,380.00	\$630.00	\$3,780.00	\$0.00	\$0.00	\$725.00	\$4,350.00
1106004 A	2 WAY, PEDESTRIAN SIGNAL PEDESTAL MOUNTED	4.00	EA	\$1,570.00	\$6,280.00	\$1,610.00	\$6,440.00	\$0.00	\$0.00	\$1,450.00	\$5,800.00
1107007 A	PEDESTRIAN PUSH BUTTON AND SIGN (PIEZO)	13.00	EA	\$460.00	\$5,980.00	\$420.00	\$5,460.00	\$0.00	\$0.00	\$450.00	\$5,850.00
1108187 A	SYSTEM INTEGRATION	1.00	LS	\$10,000.00	\$10,000.00	\$8,500.00	\$8,500.00	\$0.00	\$0.00	\$10,000.00	\$10,000.00
1108601 A	TRAFFIC CONTROLLER AND CABINET ASSEMBLY, BASE MOUNTED	2.00	EA	\$30,000.00	\$60,000.00	\$36,750.00	\$73,500.00	\$0.00	\$0.00	\$42,000.00	\$84,000.00
1108602 A	TRAFFIC CONTROLLER AND CABINET ASSEMBLY, POLE MOUNTED	2.00	EA	\$21,000.00	\$42,000.00	\$25,900.00	\$51,800.00	\$0.00	\$0.00	\$22,000.00	\$44,000.00
1108675 A	ETHERNET SWITCH (BASE MOUNTED CABINET)	1.00	EA	\$2,900.00	\$2,900.00	\$3,500.00	\$3,500.00	\$0.00	\$0.00	\$4,750.00	\$4,750.00
1108676 A	ETHERNET SWITCH (POLE MOUNTED CABINET)	1.00	EA	\$3,900.00	\$3,900.00	\$4,900.00	\$4,900.00	\$0.00	\$0.00	\$4,750.00	\$4,750.00
1108725 A	PHASE SELECTOR	2.00	EA	\$5,370.00	\$10,740.00	\$7,000.00	\$14,000.00	\$0.00	\$0.00	\$3,250.00	\$6,500.00
1111407 A	VIDEO DETECTION SYSTEM ASSEMBLY	3.00	EA	\$27,000.00	\$81,000.00	\$33,600.00	\$100,800.00	\$0.00	\$0.00	\$35,000.00	\$105,000.00
1112214 A	IP CAMERA ASSEMBLY	1.00	EA	\$8,050.00	\$8,050.00	\$8,400.00	\$8,400.00	\$0.00	\$0.00	\$6,000.00	\$6,000.00
1112225 A	CATEGORY 6 CABLE	95.00	LF	\$3.20	\$304.00	\$3.00	\$285.00	\$0.00	\$0.00	\$4.75	\$451.25
1112241 A	FIBER OPTIC CABLE SPLICE ENCLOSURE	2.00	EA	\$2,875.00	\$5,750.00	\$700.00	\$1,400.00	\$0.00	\$0.00	\$2,700.00	\$5,400.00
1112410 A	OPTICAL DETECTOR (TYPE A)	5.00	EA	\$920.00	\$4,600.00	\$1,050.00	\$5,250.00	\$0.00	\$0.00	\$800.00	\$4,000.00
1113014	3 CONDUCTOR NO. 8 AWG TYPE SE STYLE THW	495.00	LF	\$5.10	\$2,524.50	\$2.00	\$990.00	\$0.00	\$0.00	\$3.75	\$1,856.25

ProjectNumber: TRF2017-1

Project Name: TRAFFIC SIGNAL IMPROVEMENTS AT VARIOUS LOCATIONS

Item	Number	Description	Quantity	Unit	Apparent Low Bidder		Second Bidder		Third Bidder		Engineer's Estimate	
					UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount
1113037	A	12 STRAND FIBER OPTIC SINGLE MODE DROP CABLE	360.00	LF	\$31.20	\$11,232.00	\$1.00	\$360.00	\$0.00	\$0.00	\$4.00	\$1,440.00
1113102		5 CONDUCTOR NO. 14 CABLE	2325.00	LF	\$1.70	\$3,952.50	\$1.00	\$2,325.00	\$0.00	\$0.00	\$2.10	\$4,882.50
1113103		7 CONDUCTOR NO. 14 CABLE	2460.00	LF	\$1.90	\$4,674.00	\$1.00	\$2,460.00	\$0.00	\$0.00	\$2.25	\$5,535.00
1113109		21 CONDUCTOR NO. 14 CABLE	200.00	LF	\$3.35	\$670.00	\$2.50	\$500.00	\$0.00	\$0.00	\$4.50	\$900.00
1113175	A	48 STRAND FIBER OPTIC INTERCONNECT CABLE	560.00	LF	\$32.75	\$18,340.00	\$5.00	\$2,800.00	\$0.00	\$0.00	\$12.00	\$6,720.00
1113399		CABLE CLOSURE	2.00	EA	\$685.00	\$1,370.00	\$350.00	\$700.00	\$0.00	\$0.00	\$600.00	\$1,200.00
1113551	A	3 CONDUCTOR AWG NO. 20 (7 X 28) DETECTOR CABLE (OPTICAL)	385.00	LF	\$2.55	\$981.75	\$1.00	\$385.00	\$0.00	\$0.00	\$3.25	\$1,251.25
1114102		SPAN WIRE	310.00	LF	\$5.90	\$1,829.00	\$3.00	\$930.00	\$0.00	\$0.00	\$6.00	\$1,860.00
1114105		MESSENGER WIRE	40.00	LF	\$6.40	\$256.00	\$2.00	\$80.00	\$0.00	\$0.00	\$5.25	\$210.00
1118012	A	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT	1.00	LS	\$2,500.00	\$2,500.00	\$35,000.00	\$35,000.00	\$0.00	\$0.00	\$10,000.00	\$10,000.00
1206023	A	REMOVAL AND RELOCATION OF EXISTING SIGNS	1.00	LS	\$1,500.00	\$1,500.00	\$14,000.00	\$14,000.00	\$0.00	\$0.00	\$1,000.00	\$1,000.00
1208906		SIGN FACE- SHEET ALUMINUM- BRIGHT WIDE ANGLE RETROREFLECTIVE	83.00	SF	\$80.00	\$6,640.00	\$60.00	\$4,980.00	\$0.00	\$0.00	\$55.00	\$4,565.00
1210101		4" WHITE EPOXY RESIN PAVEMENT MARKINGS	10.00	LF	\$2.78	\$27.80	\$2.00	\$20.00	\$0.00	\$0.00	\$0.60	\$6.00
1210103		4" DOUBLE YELLOW EPOXY RESIN PAVEMENT MARKINGS	145.00	LF	\$2.78	\$403.10	\$2.00	\$290.00	\$0.00	\$0.00	\$0.85	\$123.25
1210106		12" WHITE EPOXY RESIN PAVEMENT MARKINGS	12.00	LF	\$3.33	\$39.96	\$5.00	\$60.00	\$0.00	\$0.00	\$3.80	\$45.60
1210124		24" WHITE EPOXY RESIN PAVEMENT MARKINGS	940.00	LF	\$3.33	\$3,130.20	\$5.00	\$4,700.00	\$0.00	\$0.00	\$7.50	\$7,050.00
1211001		REMOVAL OF PAVEMENT MARKINGS	880.00	SF	\$2.50	\$2,200.00	\$2.00	\$1,760.00	\$0.00	\$0.00	\$1.25	\$1,100.00
						\$1,044,050.31		\$1,492,300.00	\$0.00			\$905,416.10

Apparent Low Bidder = A.M. Rizzo Electrical Contractors Inc., Danbury, CT

Second Bidder = L. Holzner Electrical Company, Bridgeport, CT

Third Bidder =

ProjectNumber: TRF2017-1A

Project Name: ALTERNATE BID ITEMS- TRAFFIC SIGNAL IMPROVEMENTS AT VARIOUS LOCATIONS

Item		Apparent Low Bidder			Second Bidder			Third Bidder			Engineer's Estimate	
Number	Description	Quantity	Unit	UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount	UnitPrice	Amount	Amount
1111409 A	VIDEO IMAGE DETECTION SYSTEM (ONE PER INTERSECTION)	3.00	EA	\$26,700.00	\$80,100.00	\$45,000.00	\$135,000.00	\$0.00	\$0.00	\$11,000.00	\$33,000.00	
1111410 A	CAMERA VIDEO DETECTION SYSTEM (ONE PER APPROACH)	11.00	EA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
					\$80,100.00		\$135,000.00		\$0.00		\$33,000.00	

Apparent Low Bidder = A.M. Rizzo Electrical Contractors Inc., Danbury, CT

Second Bidder = L. Holzner Electrical Company, Bridgeport, CT

Third Bidder =

PROJECT TRF2017-1

TRAFFIC SIGNAL IMPROVEMENTS AT VARIOUS LOCATIONS

PROPOSAL BID SHEET SUMMARY

Item	Apparent Low Bidder	Second Bidder	Third Bidder
	A.M. Rizzo Electrical Contractors, Inc.	L. Holzner Electrical Company	
Total Base Bid	\$1,044,050.31	\$1,492,300.00	\$0.00
Alternate Bid Total	\$80,100.00	\$135,000.00	\$0.00
Total Bid Price	\$1,124,150.31	\$1,627,300.00	\$0.00



MEMORANDUM

TO: Bruce Chimento, P.E. - Director of Public Works

FROM: Aaron Ho, E.I.T. – Junior Engineer

CC: Elisabeth Burns, P.E. - Principal Engineer
Drew Berndlmaier, P.E. – Senior Civil Engineer

REF: Public Works Committee Agenda Item – Project PM2017-1 Pavement Management Program

DATE: September 1, 2017

I would like to request that the following items be included on the agenda for the September 5, 2017 Public Works Committee meeting.

1) Authorize the Director of Public Works, to execute Change Orders for Project PM2017-1 Pavement Management Program, for a sum not to exceed \$1,000,000.

Account Nos. 0918 4021 5777 C0021

The \$1,000,000.00 value corresponds to the estimated cost to add 11 additional roads to the PM2017-1 scope of work. The proposed list of roads to add is as follows:

Arrowhead Court
Buckthorn Road
Cindy Lane
Knob Hill Road
Noahs Lane (Noah's Lane Extension to Cul-de-sac)
Ox Yoke Lane
Scott Street
Sherwood Street
Tulip Tree Road
Wake Robin Road
Wayfaring Road



To: Bruce Chimento, Director of Public Works
 Lisa Burns, Principal Engineer
 Kathryn Hebert, DPW Administrative Services Manager
 Robert Barron, Director of Management & Budgets
 Chris Torre, Superintendent of Operations
 Dilene Byrd, Administrative Assistant

From: Jessica C. Paladino, Waste Programs Manager

Date: June 7, 2017

Re: MSW and Recycling Report - May 2017

MSW Collection and Disposal				
Municipal Solid Waste (MSW)	Previous FY: May-16	Current FY: May-17	Change	FY 16/17 Cumulative
Curbside tonnage	1,201.78	1,386.35	15.4%	13,456.04
MSW tonnage out	1,859.16	2,017.06	8.5%	20,423.17
Transfer station operating fee	\$64,400.00	\$65,625.00	1.9%	\$721,875.00
Transport and disposal fee	\$158,028.60	\$175,484.22	11.0%	\$1,776,815.79
Curbside collection fee	\$87,430.25	\$90,053.17	3.0%	\$990,584.87
Total operating costs (less curbside)	\$222,428.60	\$241,109.22	8.4%	\$2,498,690.79

MSW Consolidated Budget	
FY 16/17 Budget	\$3,856,888.00
Amount expended	\$3,489,275.66
Percent remaining	9.5%

Recycling Collection				
Recycling Collection	Previous FY: May-16	Current FY: May-17	Change	FY 16/17 Cumulative
Curbside tonnage	683.46	747.84	9.4%	7,748.13
Transfer station tonnage	42.5	49.10	15.5%	467.55
Total monthly tonnage	725.96	796.94	9.8%	8,215.68
Curbside collection fee	\$84,872.08	\$87,418.17	3.0%	\$961,599.83

Recycling Budget	
FY 16/17 Budget	\$1,049,018.00
Amount expended	\$961,599.83
Percent Remaining	8.3%

MSW and Recycling Revenues				
MSW and Recycling Revenues	Previous FY: May-16	Current FY: May-17	Change	FY 16/17 Cumulative
Transfer station tip fees	\$37,660.10	\$42,645.95	13.2%	\$380,043.40
Recycling revenue (curbside)	\$11,960.55	\$13,087.20	9.4%	\$135,592.28
Recycling revenue (T.S.)	\$743.75	\$859.25	15.5%	\$8,182.13
Total revenues	\$50,364.40	\$56,592.40	12.4%	\$523,817.80

A



To: Bruce Chimento, Director of Public Works
 Lisa Burns, Principal Engineer
 Kathryn Hebert, DPW Administrative Services Manager
 Robert Barron, Director of Management & Budgets
 Chris Torre, Superintendent of Operations
 Dilene Byrd, Administrative Assistant

From: Jessica C. Paladino, Waste Programs Manager

Date: July 10, 2017

Re: MSW and Recycling Report - June 2017

MSW Collection and Disposal				
Municipal Solid Waste (MSW)	Previous FY: Jun-16	Current FY: Jun-17	Change	FY 16/17 Cumulative
Curbside tonnage	1,329.91	1,372.21	3.2%	14,828.25
MSW tonnage out	2,152.38	2,134.72	-0.8%	22,557.89
Transfer station operating fee	\$64,400.00	\$65,625.00	1.9%	\$787,500.00
Transport and disposal fee	\$182,952.30	\$185,720.64	1.5%	\$1,962,536.43
Curbside collection fee	\$87,430.25	\$90,053.17	3.0%	\$1,080,638.04
Total operating costs (less curbside)	\$247,352.30	\$251,345.64	1.6%	\$2,750,036.43

MSW Consolidated Budget	
FY 16/17 Budget	\$3,856,888.00
Amount expended	\$3,830,674.47
Percent remaining	0.7%

Recycling Collection				
Recycling Collection	Previous FY: Jun-16	Current FY: Jun-17	Change	FY 16/17 Cumulative
Curbside tonnage	776.26	767.21	-1.2%	8,515.34
Transfer station tonnage	51.3	55.30	7.8%	522.85
Total monthly tonnage	827.56	822.51	-0.6%	9,038.19
Curbside collection fee	\$84,872.08	\$87,418.17	3.0%	\$1,049,018.00

Recycling Budget	
FY 16/17 Budget	\$1,049,018.00
Amount expended	\$1,049,018.00
Percent Remaining	0.0%

MSW and Recycling Revenues				
MSW and Recycling Revenues	Previous FY: Jun-16	Current FY: Jun-17	Change	FY 16/17 Cumulative
Transfer station tip fees	\$43,174.75	\$39,906.25	-7.6%	\$419,949.65
Recycling revenue (curbside)	\$13,584.55	\$13,426.18	-1.2%	\$149,018.45
Recycling revenue (T.S.)	\$897.75	\$967.75	7.8%	\$9,149.88
Total revenues	\$57,657.05	\$54,300.18	-5.8%	\$578,117.98



To: Bruce Chimento, Director of Public Works
 Lisa Burns, Principal Engineer
 Kathryn Hebert, DPW Administrative Services Manager
 Robert Barron, Director of Management & Budgets
 Chris Torre, Superintendent of Operations
 Dilene Byrd, Administrative Assistant

From: Jessica C. Paladino, Waste Programs Manager

Date: August 8, 2017

Re: MSW and Recycling Report - July 2017

MSW Collection and Disposal				
Municipal Solid Waste (MSW)	Previous FY: Jul-16	Current FY: Jul-17	Change	FY 17/18 Cumulative
Curbside tonnage	1,234.65	1,249.01	1.2%	1,249.01
MSW tonnage out	1,941.43	2,032.41	4.7%	2,032.41
Transfer station operating fee	\$65,625.00	\$66,875.00	1.9%	\$66,875.00
Transport and disposal fee	\$168,904.41	\$178,852.08	5.9%	\$178,852.08
Curbside collection fee	\$90,053.17	\$92,754.75	3.0%	\$92,754.75
Total operating costs (less curbside)	\$234,529.41	\$245,727.08	4.8%	\$245,727.08

MSW Consolidated Budget	
FY 17/18 Budget	\$3,968,057.00
Amount expended	\$338,481.83
Percent remaining	91.5%

Recycling Collection				
Recycling Collection	Previous FY: Jul-16	Current FY: Jul-17	Change	FY 17/18 Cumulative
Curbside tonnage	679.14	673.15	-0.9%	673.15
Transfer station tonnage	45.72	41.11	-10.1%	41.11
Total monthly tonnage	724.86	714.26	-1.5%	714.26
Curbside collection fee	\$87,418.17	\$90,040.75	3.0%	\$90,040.75

Recycling Budget	
FY 17/18 Budget	\$1,080,489.00
Amount expended	\$90,040.75
Percent Remaining	91.7%

MSW and Recycling Revenues				
MSW and Recycling Revenues	Previous FY: Jul-16	Current FY: Jul-17	Change	FY 17/18 Cumulative
Transfer station tip fees	\$33,314.40	\$36,138.00	8.5%	\$36,138.00
Recycling revenue (curbside)	\$11,884.95	\$11,780.13	-0.9%	\$11,780.13
Recycling revenue (T.S.)	\$800.10	\$719.43	-10.1%	\$719.43
Total revenues	\$45,999.45	\$48,637.55	5.7%	\$48,637.55



TO: Public Work Committee

FROM: Connie Blair, Customer Service Manager

Cc: Bruce Chimento, Director of Public Works

SUBJECT: Customer Service Calls and Requests June 1st – July 26th

DATE: July 27, 2017

The Customer Service Center received 1050 service calls with 835 requests for service related to Public Works. Listed are amounts of requests received in each Public Works category, what number of service requests remain in progress, and the number of requests completed.

Category:	In Progress	Completed	Total
<i>Drainage</i> Catch basin cleaning, and repair, culvert maintenance	11	26	37
<i>Engineering</i> Contractor trench, permit Inspections, paving	144	16	160
<i>Landscaping</i> Tree inspection and removal, tree pruning and cutbacks	16	105	111
<i>Ordinance Enforcement Officer</i> Illegal dumping, illegal signs, sidewalk litter	52	11	63
<i>Road</i> Potholes, curbing, and sidewalk repair	23	84	107
<i>Solid Waste</i> Recycling, garbage, stickered recycling and garbage	12	125	137
<i>Traffic</i> Signals, signs, sightlines issues	12	345	357
		Public Work Total Request	835



TO: Public Work Committee

FROM: Connie Blair, Customer Service Manager

Cc: Bruce Chimento, Director of Public Works

SUBJECT: Customer Service Calls and Requests Aug. 1st – Aug. 31st

DATE: September 1, 2017

The Customer Service Center received 541 service calls with 479 requests for service related to Public Works. Listed are amounts of requests received in each Public Works category, what number of service requests remain in progress, and the number of requests completed.

Category:	In Progress	Completed	Total
<i>Drainage</i> Catch basin cleaning, and repair, culvert maintenance	4	6	10
<i>Engineering</i> Contractor trench, permit Inspections, paving	68	2	70
<i>Landscaping</i> Tree inspection and removal, tree pruning and cutbacks	9	72	81
<i>Ordinance Enforcement Officer</i> Illegal dumping, illegal signs, sidewalk litter	25	4	29
<i>Road</i> Potholes, curbing, and sidewalk repair	22	47	69
<i>Solid Waste</i> Recycling, garbage, stickered recycling and garbage	4	182	186
<i>Traffic</i> Signals, signs, sightlines issues	18	16	34
		Public Work Total Request	479

Deny the installation of all-way stop-control at the intersection of Route 136 (Wilson Avenue) at Covewood Drive and Bluff Avenue at this time.

Mr. Bruce J. Chimento, P.E., the representative for the Local Traffic Authority for the City of Norwalk, concurred/did not concur with the above recommendation on [DATE].

Mr. Bruce J. Chimento, P.E., on behalf of the Norwalk Traffic Authority, requested that the Connecticut Department of Transportation investigate the need for all-way stop control at the intersection of Route 136 (Wilson Avenue) at Covewood Avenue and Bluff Avenue due to limited sight distance for vehicles turning from Covewood Drive.

- Route 136 is a two-lane highway traveling in an east/west direction and is classified as urban minor arterial.
- Covewood Drive is a local road and intersects Route 136 from the north.
- Bluff Avenue is a local road and intersects Route 136 from the south.
- Covewood Drive is offset to the west of Bluff Avenue a distance of approximately 75 feet.
- Covewood Drive is a median divided dead-end residential street serving 22 single family homes.
- A 230 foot radius curve on Route 136 through the intersection turns to the right in the westerly direction.
- The posted speed limit on Route 136 is 30 mph.
- The 85th percentile speed on Route 136 is approximately 34 mph in the eastbound direction and 32 mph in the westbound direction in the subject area.
- Bluff Avenue has a posted speed limit of 25 mph.
- Covewood Drive has no posted speed limit.
- The 2015 average daily traffic on Route 136 was 6,000 vehicles per day.
- Stop signs control the Covewood Drive and Bluff Avenue approaches to Route 136.

- Combination curve intersection warning signs exist on both Route 136 approaches to the intersection, with advisory speed plaques of 15 mph. One-direction large arrow (ODLA) signs are installed throughout the length of the curve in each direction.
- Route 136 forms a four-way all-way stop controlled intersection with Highland Avenue located 400 feet west of Covewood Drive.
- A field review revealed that the 130 feet of available intersection sight distance (ISD) to the east along Route 136 for vehicles turning out of Covewood Drive is below the recommended distance of 145 feet for the advisory speed of 15 mph and 335 feet for the 30 mph posted speed limit. The ISD to the west along Route 136 meets the recommended distance for the 30 mph posted speed limit.
- The ISD for vehicles turning out of Bluff Avenue exceeds the recommended distances for the 30 mph posted speed limit.
- The stopping sight distance (SSD) of 150 feet for Route 136 is adequate for the advisory speed of 15 mph in the westbound direction and the SSD of 335 feet exceeds the minimum distance of 200 feet in the eastbound direction for the posted speed limit.
- The intersection is illuminated.

Crash History Analysis:

A review of the Department's available three-year crash history from January 1, 2014 to December 31, 2016 revealed a total of four (4) crashes in the vicinity of the intersection:

- Three crashes involved fixed object collisions
- One crash involved an angle-type collision

Conclusions and Recommendations:

Based on the above, the installation of all-way stop control at the intersection of Route 136 (Wilson Avenue) at Covewood Drive and Bluff Avenue is not recommended at this time.

While the intersection sight distance for vehicles exiting Covewood Drive is below recommended values to the east along Route 136, the stopping sight distance is adequate for vehicles traveling westbound along Route 136, based on the posted advisory speed of 15 mph. Additionally, the Manual on Uniform Traffic Control Devices (MUTCD) recommends installation of all-way stop control if five (5) or more reported crashes occurring within a 12-month period would be corrected by all-way stop control (i.e. left/right-turn crashes and angle crashes). Based on the crash data, one (1) crash meets this criterion.

It is recommended that alternative countermeasures be deployed at the intersection before the provision of all-way stop control be considered. To provide enhanced warning and visibility to the intersection, the following improvements will be performed by the Department:

- The existing curve-intersection warning signs and advisory speed plaques on either approach of the curve will be replaced. The existing ODLA signs will be replaced with chevrons in compliance with the MUTCD. All signs will have high-intensity sheeting and yellow retroreflective strips on the posts.

- Pavement markings along Route 136 within the vicinity of the curve will be repainted. Dotted extension lines will be used through the intersections with Bluff Avenue and Covewood Drive.
- The Department's District 3 Maintenance Office will be requested to perform some trimming and clearing along Route 136 in the State right of way to improve the available sight distances.

It should also be noted that selective clearing and trimming is recommended on the northeast corner on the intersection with Route 136 and Covewood Avenue to maximize the available ISD and SSD. It is recommended that the City of Norwalk perform clearing and thinning along Covewood Drive and work with the property owner on the northeast corner of the intersection to relocate or lower the fence line that obscures available sight distance, as the City is responsible for maintaining the ISD along Covewood Drive.

As an additional measure, the City may install "Your Speed" changeable message signs on Route 136 via an encroachment permit. An encroachment permit can be obtained from the District 3 Permits Office located at 140 Pond Lily Avenue in New Haven, CT 06525, telephone (203) 389-3010, prior to performing any work within the State Highway Right-of-way. The City of Norwalk would be responsible for the installation, maintenance, and electrical costs associated with the sign.

The Department will coordinate with the City to continue monitoring traffic operations at the intersection.



CITY OF NORWALK
Jessica C. Paladino
Waste Programs Manager
jpaladino@norwalkct.org
P: 203-854-3215 / F: 203-854-3224
15 South Smith Street
Norwalk, CT 06855

July 28, 2017

Ms. Paula Guerrero
Bureau of Materials Management & Compliance Assurance
Recycling Office
Department of Energy & Environmental Protection
79 Elm Street, 4th Floor
Hartford, CT 06106-5127

Subject: City of Norwalk
Quarterly Report – 2ND Quarter 2017

Dear Ms. Guerrero:

Enclosed please find the quarterly report for the Second Quarter 2017 (April, May, and June) for the City of Norwalk Transfer Station at 61 Crescent Street, Norwalk CT.

If you should have any questions or require additional information, please feel free to contact me at 203-854-3215.

Very truly yours,



Jessica C. Paladino
Waste Programs Manager

cc: DPW File

C2

MUNICIPAL TRANSFER STATION (TS) QUARTERLY REPORT FORM (9/23/2016 version)

(For **Municipal** Transfer Stations (1) Receiving Solid Waste and/or Recyclables from One Municipality **or** (2) Receiving Solid Waste & Recyclables from Fewer than Four Municipalities with No Scale to Separately Track Amounts Received from Each Municipality)

REPORTING FACILITY	Facility Name: City of Norwalk Transfer Station
	Facility Location - Street: 61 Crescent St.
	Town: Norwalk State: CT Zipcode: 06850 Phone: 203-854-3200

REPORTING QUARTER YEAR: 2017 QUARTER: ☐ 1ST-Jan-Mar; ☒ 2nd Apr-Jun; ☐ 3rd Jul-Sep; ☐ 4th Oct-Dec

Are loads of waste and/or recyclables weighed at the transfer station when received? ☒ Yes ☐ No

(1) If no, please describe method for estimating tonnage reported received: (2) If yes, and this transfer station receives waste and/or recyclables from more than one municipality, are the weights from each municipality weighed and tracked separately when received at the transfer station? ☐ Yes ☒ No If the answer to (2) is yes; please contact <u>Judy Belaval</u> at DEEP (860) 424-3237 to request a multi-town TS quarterly reporting form.
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PART 1: QUANTITIES (TONS) OF SOLID WASTE & RECYCLABLES RECEIVED

CT CITY(ies) OR CT TOWN(s) of ORIGIN	City of Norwalk
--------------------------------------	-----------------

Does the MSW tonnage include non-residential waste? ☒ Yes ☐ No;

If Yes – what is your ballpark estimate % of MSW that is non-residential? 25%

TYPE of SOLID WASTE or RECYCLABLE RECEIVED	TONS RCVD this QTR
MSW ¹	6,104.24 Tons
OVERSIZED MSW (e.g. furniture, carpets, etc)	
CONSTRUCTION & DEMOLITION (C&D) WASTE (e.g. dry wall, brick, concrete, lumber, etc.)	
MIX – OVERSIZED MSW/C&D WASTE	
LANDCLEARING DEBRIS (LOGS/STUMPS)	258.18 Tons
SPECIAL ²	
RECYCLABLES – Type: Single Stream Recycling ☒ Res or ☒ NonRes	2,350.06 Tons
RECYCLABLES – Type: Scrap Metal ☒ Res or ☒ NonRes	170.79 Tons
RECYCLABLES – Type: Electronics ☒ Res or ☒ NonRes	55.07 Tons
RECYCLABLES – Type: Tires ☒ Res or ☒ NonRes	3.69 Tons
RECYCLABLES – Type: ☐ Res or ☐ NonRes	

¹ MSW is solid waste from residential, commercial and industrial sources; excluding hazardous, bulky, biomedical, sludge, or scrap metal waste.

² SPECIAL WASTE is any waste other than hazardous or biomedical which requires special handling for safe disposal

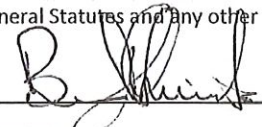
PART 2: QUANTITIES (TONS) of SOLID WASTE and RECYCLABLES TRANSFERRED

TYPE of WASTE or RECYCLABLE TRANSFERRED	DESTINATION Name/Location Of Disposal Facility Receiving Waste Or Recycling Facility Receiving Recyclables	TONNAGE TRANSFERRED OUT THIS QUARTER
MSW	Bridgeport RESCO 6 Howard Avenue, Bridgeport CT	6,104.24 Tons
C&D Waste		
Oversized MSW		
MIX C&D Waste & Oversized MSW		
OTHER – Type: Landclearing (Logs/ Stumps/ Woodchips)	DW Transport & Leasing 140 Route 32 North Franklin, CT	258.18 Tons
RECYCLABLE Type: Single-Stream	City Carting Taylor Reed Facility Taylor Reed Avenue, Stamford CT	2,350.06 Tons
RECYCLABLE Type: Scrap Metal	LaJoie's Auto & Scrap 40 Meadow St, Norwalk CT	170.79 Tons
RECYCLABLE Type: Electronic Waste	Newtech Recycling 600A Apgar Drive, Somerset NJ	55.07 Tons
RECYCLABLE Type: Tires	Empire Tire 1414 Norwich Road, Plainfield CT	3.69 Tons
RECYCLABLE Type:		

PART 3 - CERTIFICATION and SIGNATURE

This document, which is required to be submitted to the Commissioner of the Department of Energy and Environmental Protection, shall be signed by the Permittee or, if Permittee is not an individual, by Permittee's chief executive officer or a duly authorized representative of such officer, as those terms are defined in §22a-430-3(b)(2) of the Regulations of Connecticut State Agencies, and by the individual(s) responsible for actually preparing such document, and each such individual shall certify in writing as follows:

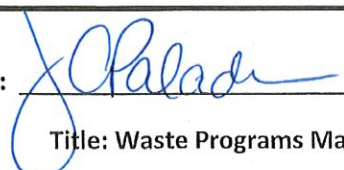
"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, that the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information may be punishable as a criminal offense under §53a-157b of the Connecticut General Statutes and any other applicable law."

Signature of permittee or duly authorized representative of permittee: 

Date: 7/28/17

Printed name: Bruce Chimento

Title: Director of Public Works

Signature of person responsible for preparing report: 

Date: 7/28/17

Printed name: Jessica C. Paladino

Title: Waste Programs Manager

Phone #: 203-854-3215

Fax #: 203-854-3224

E-mail Address: jpaladino@norwalkct.org

Report Needs to be Submitted Quarterly (by Apr 30th; by Jul 31st; by Oct 31st; by Jan 31st; to the CT Department of Energy & Environmental Protection by any ONE of the following methods:

 Fax (860) 424-4059 Attn: Solid Waste Facility Reporting – Paula Guerrero; **Or**

 Scanned & E-Mailed To DEEP.Solid&HazWasteReports@ct.gov (*Do not send hard copy if sending electronically*); **Or**

 Land-Mailed (CT DEEP; Bureau of MM&CA – Recycling Office; 79 Elm Street - 4th Floor; -Hartford, CT 06106-5127; Attn: Solid Waste Facility Reporting – Paula Guerrero) - **Must be double-sided** and preferably on paper with a minimum 30% post-consumer content.