



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, August 1, 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.
- 2a. Authorize the Mayor, Harry W. Rilling, to execute an Agreement with Deering Construction, Inc. for Project No. DRG 2017-1 Storm Drainage Improvements on Saddle Road, for a sum not to exceed \$282,792.50.

Account No: 09 14 4027 5777 C0440
09 15 4027 5777 C0440
09 17 4027 5777 C0440

- 2b. Authorize the Director of Public Works, Bruce Chimento, to execute Orders on Contract with Deering Construction, Inc. for Project No. DRG 2017-1 Storm Drainage Improvements on Saddle Road, for a sum not to exceed \$28,279.25.

Account No: 09 14 4027 5777 C0440
09 15 4027 5777 C0440
09 17 4027 5777 C0440

3. Authorize the Mayor, Harry W. Rilling to execute an Amendment with Weston & Sampson Engineers, Inc. for Licensed Environmental Services pertaining to the Raymond & Day Streets Project, for a sum not to exceed \$70,000.

Account No. 09 16 0910 5777 C0560
09 17 0910 5777 C0560

Information / Discussion

- A. Monthly Solid Waste Report – May & June 2017
- B. Customer Service Report – June & July 2017
- C. Correspondence
- D. Covewood/Wilson Ave DOT Report

Upcoming Projects

- A. Public Informational Meeting State Project 102-359 Highland Avenue at Flax Hill Road (Local Road Accident Reduction Program) 8-30-17 @ 7:00pm Room 231

Next Meeting: Tuesday, September 5, 2017
7:00 P.M.
Room 225, Norwalk City Hall



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

**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



CITY OF NORWALK
Paul L. Sotnik, P.E.
Senior Civil Engineer
psotnik@norwalkct.org
P: 203-854-7891 / F: 203-857-0143
Norwalk City Hall
125 East Avenue, P.O. Box 5125
Norwalk, CT 06856-5125

MEMORANDUM

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

CC: Lisa Burns, P.E. - Principal Engineer

FROM: Paul L. Sotnik, P.E. - Senior Civil Engineer *P.L.S.*

REF: Project DRG2017-1 Storm Drainage Improvements on Saddle Road

DATE: July 14, 2017

The Storm Drainage Improvement Project on Saddle Road is a flood relief project that is being done to eliminate flooding within the City Right-of-Way and on private properties on a portion of Saddle Road. This area is one of the six (6) areas of the City that was studied as part of the 2013 Norwalk Drainage Study prepared by Milone & MacBroom.

The Department of Public Works has had Bid Documents prepared based upon the results and recommendations of the Drainage Study for "Project DRG2017-1 Storm Drainage Improvements on Saddle Road." As part of this project, a section of the superelevated portion of the Saddle Road between #2 and #10 Saddle Road will be removed and a normal road cross section with a crown will be restored. This will prevent the storm water from crossing the center line of the road from the north west to the south east side of the road, as it currently does, causing flooding in the area in front of #7 Saddle Road. This will require the full depth reconstruction of a portion of the road and the installation of additional storm drainage infrastructure within the City Right-of-Way at several locations on both sides of Saddle Road to collect the storm water. In addition, this work will also require the installation of new bituminous concrete curbs, sidewalks, driveway aprons and the regarving of some of the grass lawn areas within this portion of Saddle Road.

The City Clerk opened bids for this Project on July 13, 2017 and the apparent low bidder is Deering Construction, Inc., with a bid amount of \$282,792.50. I have attached a copy of the bid results received from the three low bidders for your reference. Therefore, I would like to request that the following items be included on the agenda for the August 1, 2017 meeting of the Public Works Committee of the Common Council for approval.

- 1.) Authorize the Mayor, Harry W. Rilling, to execute an Agreement with Deering Construction, Inc. for Project DRG2017-1 Storm Drainage Improvements on Saddle Road, for a sum not to exceed \$282,792.50.
- 2.) Authorize the Director of Public Works to execute orders on the Contract with Deering Construction, Inc. for Project DRG2017-1 Storm Drainage Improvements on Saddle Road, for a sum not to exceed \$28,279.25.

Account No's. 0914 0404 0270 5777 C0440
0915 0404 0270 5777 C0440
0917 0404 0270 5777 C0440

If you have any questions, please do not hesitate to contact me.



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: DRG2017-1
STORM DRAINAGE IMPROVEMENTS ON SADDLE ROAD

DATE: THURSDAY, JULY 13, 2017 2:00 P.M.

BIDDER	BID AMOUNT	BID BOND
A.J. Virgilio Construction, Inc. 86 Medeiros Way Westfield, MA 01085	\$334,900.00	15% Travelers Casualty and Surety Company of America
Deering Construction, Inc. 20 Sheehan Avenue Norwalk, CT 06854	\$282,792.50 Apparent Low Bidder	15% Travelers Casualty and Surety Company of America
FGB Construction Company 158 Bouton Street Norwalk, CT 06854	\$284,070.00	15% Hartford Casualty Insurance Company
M. Rondano, Inc. 49 East Avenue Norwalk, CT 06851	\$313,010.55	15% Hartford Accident & Indemnity Company
	\$	%
	\$	%
	\$	%

Project Number: DRG2017-1

Project Name: STORM DRAINAGE IMPROVEMENTS ON SADDLE ROAD

Item Number	Description	Quantity	Unit	Apparent Low Bidder		Second Bidder		Third Bidder		Engineer's Estimate	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
0201001 A	CLEARING AND GRUBBING	1.00	LS	\$15,000.00	\$15,000.00	\$2,000.00	\$2,000.00	\$54,000.00	\$54,000.00	\$8,300.00	\$8,300.00
0202003	EARTH EXCAVATION	330.00	CY	\$25.00	\$8,250.00	\$25.00	\$8,250.00	\$35.00	\$11,550.00	\$25.00	\$8,250.00
0202102	ROCK EXCAVATION	50.00	CY	\$225.00	\$11,250.00	\$85.00	\$4,250.00	\$150.00	\$7,500.00	\$200.00	\$10,000.00
0204401 A	WATER HANDLING (SITE NO. 1)	1.00	LS	\$3,000.00	\$3,000.00	\$7,200.00	\$7,200.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
0204402 A	WATER HANDLING (SITE NO. 2)	1.00	LS	\$3,000.00	\$3,000.00	\$7,200.00	\$7,200.00	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
0205001 A	TRENCH EXCAVATION (0' - 4' DEEP)	160.00	CY	\$1.00	\$160.00	\$40.00	\$6,400.00	\$10.00	\$1,600.00	\$15.00	\$2,400.00
0205002 A	ROCK IN TRENCH EXCAVATION (0' - 4' DEEP)	20.00	CY	\$250.00	\$5,000.00	\$165.00	\$3,300.00	\$150.00	\$3,000.00	\$200.00	\$4,000.00
0205003 A	TRENCH EXCAVATION (0' - 10' DEEP)	50.00	CY	\$1.00	\$50.00	\$40.00	\$2,000.00	\$30.00	\$1,500.00	\$18.00	\$900.00
0205004 A	ROCK IN TRENCH EXCAVATION (0' - 10' DEEP)	25.00	CY	\$250.00	\$6,250.00	\$165.00	\$4,125.00	\$150.00	\$3,750.00	\$250.00	\$6,250.00
0209001	FORMATION OF SUBGRADE	790.00	SY	\$3.25	\$2,567.50	\$3.00	\$2,370.00	\$3.00	\$2,370.00	\$3.00	\$2,370.00
0219011 A	SEDIMENTATION CONTROL AT CATCH BASIN	10.00	EA	\$125.00	\$1,250.00	\$250.00	\$2,500.00	\$125.00	\$1,250.00	\$150.00	\$1,500.00
0304002	PROCESSED AGGREGATE BASE	270.00	CY	\$45.00	\$12,150.00	\$25.00	\$6,750.00	\$35.00	\$9,450.00	\$35.00	\$9,450.00
0406004 A	3" TEMPORARY PAVEMENT REPAIR	160.00	SY	\$30.00	\$4,800.00	\$63.00	\$10,080.00	\$45.00	\$7,200.00	\$55.00	\$8,800.00
0406173 A	HMA SUPERPAVE 0.375" (9.5) LEVEL 2 SURFACE	70.00	TON	\$112.00	\$7,840.00	\$150.00	\$10,500.00	\$150.00	\$10,500.00	\$110.00	\$7,700.00
0406174 A	HMA SUPERPAVE 0.375" (9.5) LEVEL 2 BINDER	70.00	TON	\$112.00	\$7,840.00	\$150.00	\$10,500.00	\$150.00	\$10,500.00	\$110.00	\$7,700.00
0507001 A	TYPE "C" CATCH BASIN	5.00	EA	\$2,675.00	\$13,375.00	\$4,000.00	\$20,000.00	\$3,000.00	\$15,000.00	\$3,000.00	\$15,000.00
0507105 A	CONNECTION TO EXISTING MANHOLE, CATCH BASIN OR DRYWELL	1.00	EA	\$550.00	\$550.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,200.00	\$1,200.00
0507493	MANHOLE - 48" DIAMETER	1.00	EA	\$2,750.00	\$2,750.00	\$6,400.00	\$6,400.00	\$4,000.00	\$4,000.00	\$3,250.00	\$3,250.00
0507682	MANHOLE - 60" DIAMETER	1.00	EA	\$3,000.00	\$3,000.00	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00	\$3,500.00	\$3,500.00
0507781	RESET MANHOLE	5.00	EA	\$475.00	\$2,375.00	\$450.00	\$2,250.00	\$350.00	\$1,750.00	\$500.00	\$2,500.00
0507831	CONVERT CATCH BASIN TO MANHOLE	1.00	EA	\$1,200.00	\$1,200.00	\$1,650.00	\$1,650.00	\$2,200.00	\$2,200.00	\$1,500.00	\$1,500.00

ProjectNumber: DRG2017-1

Project Name: STORM DRAINAGE IMPROVEMENTS ON SADDLE ROAD

Item	Number	Description	Quantity	Unit	Apparent Low Bidder			Second Bidder			Third Bidder			Engineer's Estimate		
					UnitPrice	Amount		UnitPrice	Amount		UnitPrice	Amount		UnitPrice	Amount	
	0507869 A	TYPE "C" CATCH BASIN DOUBLE GRATE - TYPE I STRUCTURE WITH MANHOLE FRAME AND COVER	1.00	EA	\$3,700.00	\$3,700.00		\$8,800.00	\$8,800.00		\$8,000.00	\$8,000.00		\$4,500.00	\$4,500.00	
	0507870 A	TYPE "C" CATCH BASIN DOUBLE GRATE - TYPE II STRUCTURE WITH MANHOLE FRAME AND COVER	1.00	EA	\$4,075.00	\$4,075.00		\$8,600.00	\$8,600.00		\$5,000.00	\$5,000.00		\$4,500.00	\$4,500.00	
	0507897 A	YARD DRAIN	2.00	EA	\$1,425.00	\$2,850.00		\$3,700.00	\$7,400.00		\$2,800.00	\$5,600.00		\$2,800.00	\$5,600.00	
	0651001 A	BEDDING MATERIAL	30.00	CY	\$35.00	\$1,050.00		\$55.00	\$1,650.00		\$35.00	\$1,050.00		\$35.00	\$1,050.00	
	0651012	15" RCP (CLASS IV)	100.00	LF	\$225.00	\$22,500.00		\$65.00	\$6,500.00		\$85.00	\$8,500.00		\$60.00	\$6,000.00	
	0651013	24" RCP (CLASS IV)	50.00	LF	\$240.00	\$12,000.00		\$70.00	\$3,500.00		\$115.00	\$5,750.00		\$90.00	\$4,500.00	
	0651052	15" RCP (CLASS V)	15.00	LF	\$228.00	\$3,420.00		\$80.00	\$1,200.00		\$90.00	\$1,350.00		\$70.00	\$1,050.00	
	0651053	18" RCP (CLASS V)	5.00	LF	\$230.00	\$1,150.00		\$130.00	\$650.00		\$105.00	\$525.00		\$80.00	\$400.00	
	0651055	24" RCP (CLASS V)	70.00	LF	\$260.00	\$18,200.00		\$70.00	\$4,900.00		\$120.00	\$8,400.00		\$120.00	\$8,400.00	
	0651634	8" CORRUGATED P.E. PIPE (SMOOTH INTERIOR)	10.00	LF	\$200.00	\$2,000.00		\$60.00	\$600.00		\$90.00	\$900.00		\$40.00	\$400.00	
	0651716	10" DUCTILE IRON PIPE	15.00	LF	\$225.00	\$3,375.00		\$70.00	\$1,050.00		\$250.00	\$3,750.00		\$120.00	\$1,800.00	
	0651786	24" (HIGH) X 35" (WIDE) CORRUGATED METAL PIPE ARCH	20.00	LF	\$285.00	\$5,700.00		\$160.00	\$3,200.00		\$250.00	\$5,000.00		\$150.00	\$3,000.00	
	0651846	24" CORRUGATED METAL PIPE	5.00	LF	\$425.00	\$2,125.00		\$450.00	\$2,250.00		\$100.00	\$500.00		\$100.00	\$500.00	
	0814009 A	RESET BELGIUM BLOCK PLANTER CURB	190.00	LF	\$20.00	\$3,800.00		\$25.00	\$4,750.00		\$10.00	\$1,900.00		\$30.00	\$5,700.00	
	0815001	BITUMINOUS CONCRETE LIP CURBING	380.00	LF	\$10.00	\$3,800.00		\$8.00	\$3,040.00		\$8.00	\$3,040.00		\$5.00	\$1,900.00	
	0922201 A	BITUMINOUS CONCRETE SIDEWALK	100.00	SY	\$45.00	\$4,500.00		\$63.00	\$6,300.00		\$45.00	\$4,500.00		\$45.00	\$4,500.00	
	0922501 A	BITUMINOUS CONCRETE DRIVEWAY	350.00	SY	\$45.00	\$15,750.00		\$54.00	\$18,900.00		\$45.00	\$15,750.00		\$45.00	\$15,750.00	
	0922503 A	GRAVEL DRIVEWAY	35.00	SY	\$20.00	\$700.00		\$54.00	\$1,890.00		\$25.00	\$875.00		\$20.00	\$700.00	
	0939001	SWEEPING FOR DUST CONTROL	12.00	HRS	\$125.00	\$1,500.00		\$130.00	\$1,560.00		\$100.00	\$1,200.00		\$100.00	\$1,200.00	
	0943001	WATER FOR DUST CONTROL	55.00	MGAL	\$10.00	\$550.00		\$1.00	\$55.00		\$0.01	\$0.55		\$2.00	\$110.00	
	0944003 A	FURNISHING AND PLACING TOPSOIL	350.00	SY	\$9.00	\$3,150.00		\$15.00	\$5,250.00		\$5.00	\$1,750.00		\$6.00	\$2,100.00	

Project Number: DRG2017-1

Project Name: STORM DRAINAGE IMPROVEMENTS ON SADDLE ROAD

Item Number	Description	Quantity	Unit	Apparent Low Bidder		Second Bidder		Third Bidder		Engineer's Estimate	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
0950003 A	TURF ESTABLISHMENT (LAWN)	350.00	SY	\$1.00	\$350.00	\$5.00	\$1,750.00	\$3.00	\$1,050.00	\$3.00	\$1,050.00
0970006 A	TRAFFICPERSON (MUNICIPAL POLICE OFFICER)	1.00	ALLOW	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
0970007 A	TRAFFICPERSON (UNIFORMED FLAGGER)	320.00	HRS	\$57.00	\$18,240.00	\$54.00	\$17,280.00	\$45.00	\$14,400.00	\$60.00	\$19,200.00
0971001 A	MAINTENANCE AND PROTECTION OF TRAFFIC	1.00	LS	\$2,000.00	\$2,000.00	\$6,500.00	\$6,500.00	\$10,000.00	\$10,000.00	\$7,300.00	\$7,300.00
0975004 A	MOBILIZATION AND PROJECT CLOSEOUT (MAX 3% OF BID)	1.00	LS	\$4,500.00	\$4,500.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$6,800.00	\$6,800.00
0980002 A	PROJECT SURVEY AND STAKEOUT	1.00	LS	\$5,000.00	\$5,000.00	\$6,900.00	\$6,900.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00
1000000 A	RELOCATION OF EXISTING UTILITIES	1.00	ALLOW	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
1300001 A	SUPPORT OF EXISTING UTILITY POLES	1.00	ALLOW	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
1302060	RESET GATE BOXES	3.00	EA	\$50.00	\$150.00	\$290.00	\$870.00	\$200.00	\$600.00	\$100.00	\$300.00
					\$282,792.50		\$284,070.00		\$313,010.55		\$261,380.00

Apparent Low Bidder = Deering Construction Inc., Norwalk, CT

Second Bidder = FGB Construction Company, Norwalk, CT

Third Bidder = M. Rondano, Inc., Norwalk, CT

July 19, 2017

Mr. Drew Berndlmaier
City of Norwalk, Department of Public Works
125 East Avenue, Room 225
Norwalk, Connecticut 06856

Re: **Proposal for Professional Environmental Consulting Services
Raymond & Day Street Improvement Project
Norwalk, Connecticut**

Dear Mr. Berndlmaier:

Weston & Sampson is pleased to submit this proposal to provide Professional Environmental Consulting services for the City of Norwalk's (the City) Raymond & Day Street Improvement Project (the Project). We prepared this proposal based on our Project understanding, review of the Project's plans and specifications, and our recent discussions with you. A breakdown of the scope and fee are outlined below.

Task 1 – Technical Specifications

Weston & Sampson will prepare a technical specification with measurement and payment descriptions for the management of excavated soil during the Project. As part of this Task, we will also review the specifications for construction dewatering/handling of potentially contaminated groundwater being prepared by the Project's Design Engineer, Tighe & Bond, for conformance with applicable environmental regulations. The excavated soil management technical specification, plans, bid item measurement and payment descriptions and comments on Tighe & Bonds construction dewatering/handling specification will be provided to the City for review and comment. Additionally, we will attend one conference call/meeting with the City and Design Engineer to discuss comments/coordination issues, and based on this meeting, we will issue a final soil management specification for bidding. We have assumed that one-cycle of comments and revisions will be needed, and that revisions to the dewatering specifications, if any, will be made by the Design Engineer. The existing documents should be reviewed and modified by Tighe & Bond to ensure proper coordination regarding the excavation, stockpiling, and disposal of excess impacted materials and dewatering wastes. The requirements for handling, testing, and disposition of these materials will be specified in Soil Management and Dewatering sections, which must be referenced by and integrated with the technical specifications, drawings, and Division 1 / General Conditions of the contract.

Task 2 – Pre-construction Services

Weston & Sampson will provide preconstruction assistance for the Project. Preconstruction services will include attendance at up to one pre-bid site walk and assisting the City in responding to potential bidder questions regarding the management of excavated soil or groundwater.

Task 3 – Construction Oversight

Task 3.1 – Submittal Review and Requests for Information

Weston & Sampson will review Contractor submittals regarding excavated materials and groundwater management. Additionally, Weston & Sampson will also assist the City in response to Contractor Requests for Information (RFI). For budgeting purposes, we have assumed review of two plans, an

excavated materials management and groundwater dewatering plan, and assisting the City in response to two RFIs.

Task 3.2 – Periodic Site Visits/Monitoring

Weston & Sampson will make periodic site visits during construction to evaluate the Contractor's soil and groundwater management activities for conformance with the Project's specifications and applicable environmental regulations. We have assumed up to 30 site visits for the anticipated 10-month construction period.

Task 3.3 – Preparation/Review of Disposal Packages

Weston & Sampson will prepare disposal packages for the off-site reuse, recycling and/or disposal of excavated materials during the Project. This work will include review of Contractor-provided disposal characterization analytical data and making recommendations to the City on the most cost-effective off-site management options. Additionally, Weston & Sampson will review and approve all waste profiles/forms and prepare Licensed Environmental Professional (LEP) Opinion letters for all proposed shipments of excavated materials to facilitate acceptance by off-site receiving facilities. We assume that the Contractor will provide proposed destination facilities for each type of excavated material encountered, as well as all applicable disposal characterization, waste profile information, and facility permits. For budgeting purposes, we have included an allowance for preparation of up to 8 disposal packages.

Task 3.4 – Teleconferences & Meetings

Weston & Sampson will attend site construction meetings or conference calls on an as-needed basis. We have included an allowance of 6 meetings for this task.

Task 4 – Construction Closeout

Weston & Sampson will review completed waste shipment documentation, bills of lading, and weight slips for each load of excavated materials transported for off-site management. At the completion of soil and groundwater management activities, Weston & Sampson will compile the applicable documentation and prepare a summary memorandum for the City's records documenting soil and dewatering management activities during the Project. Additionally, Weston & Sampson will work with receiving facility to complete attestations of receipt for any soil transported and disposed under Massachusetts Bills of Lading. We assumed completed shipping documentation will be provided to us for our use. We also assume that in accordance with CT DEEP guidance, no separate regulatory submittals will be required for management of contaminated soil or groundwater, other than those permits secured by the Contractor.

Cost

Weston & Sampson proposes to complete the above-outlined task for **\$69,930**, subject to the limitations outlined in Attachment A. A breakdown of the cost by task is outlined below.

Task	Cost
Task 1 – Preparation of Technical Specifications	\$ 5,000
Task 2 – Pre-Construction Services	\$ 2,450
Task 3 – Construction Oversight	
3.1 – Submittal Review	\$ 5,650
3.2 – Periodic Site Visits/Monitoring	\$ 34,500
3.3 – Disposal Documentation	\$ 9,360
3.4 – Teleconferences & Meetings	\$ 7,330

Task 4 – Construction Closeout	\$ 5,640
TOTAL	\$ 69,930

As previously discussed with you, Weston & Sampson will complete the above work in accordance with our Standard Terms and Conditions included as part of our agreement with the Norwalk Redevelopment Agency. If you are in agreement with the above scope of services and wish to have us undertake this work, please sign below. Weston & Sampson will begin work upon receipt of the signed documents

Weston & Sampson appreciates this opportunity to assist the City with this important project. If you have any questions regarding our proposal or require additional information, please feel free to contact Jeff Willson at willsonj@wsein.com or (860) 616-6618, or Todd Bridge at bridgeot@wsein.com or 978-532-1900 ext. 2292.

Sincerely,

WESTON & SAMPSON ENGINEERS, INC.



John A. Figurelli, PG, LEP
Vice President

ACCEPTED FOR the Norwalk Department of Public Works

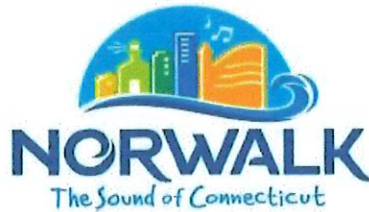
By its: _____

Date: _____

ATTACHMENT A
Proposal for Professional Environmental Consulting Services
Raymond & Day Street Improvement Project
Norwalk, Connecticut

Assumptions & Limitations

1. Services limited to review and observation during construction activities. Costs to address unknown environmental conditions, perform supplemental sampling and analysis, and/or coordination/reporting with CT DEEP is not included.
2. Work includes review and preparation of up to 8 soil disposal packages for the off-site transportation of surplus excavated materials.
3. Work assumes that all permits/approvals needed for the discharge of contaminated or uncontaminated groundwater from construction dewatering will be secured and paid for by the Contractor, with review by Weston & Sampson. Sampling and analysis of the Contractor's groundwater treatment system, if required, to verify compliance with any applicable permits or approvals will also be performed by the Contractor and reviewed by Weston & Sampson.
4. Proposal includes up to 30 periodic site visits to inspect the Contractor's soil and groundwater management activities. Attendance at meetings during construction will be provided on an as-needed basis. We have assumed attendance at up to 6 meetings.
5. Proposal assumes that Contractor is responsible for collection and analysis of all analytical samples to facilitate disposal of excavated materials by off-site facilities as well as to characterize and monitor groundwater quality to support the Contractor's dewatering operations. Sampling and analysis of soil and/or groundwater is not included.
6. We have assumed that tracking of shipments of excavated materials from the Site during construction will be performed by the City's resident engineer, and that copies of all completed shipping information will be provided to Weston & Sampson for review and use during construction closeout.
7. Weston & Sampson will review submittals and perform inspections related to Contractor's groundwater dewatering operations, including permits, start-up and testing, and applicable sampling and analysis, for compliance with environmental discharge permitting requirements. Weston & Sampson is not responsible for determining the adequacy of the Contractor's proposed dewatering system to provide suitable conditions for proposed construction. We assume review of the Contractor's submittal to ensure it is adequate for the proposed work will be conducted by the Project's Design Engineer.



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, Superintendant 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: 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

Report by: R. Pothering Checked by: F. Kulakowski Recommended by:	Date: 07/17 Date: 07/17	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION OFFICE OF THE STATE TRAFFIC ADMINISTRATION TRAFFIC INVESTIGATION REPORT	OSTA No.: 102-1707-01 Loc No.: Approved by OSTA
See Previous Traffic Investigation Report No: n/a			Date:
Requested by: Mr. Bruce J. Chimento, P.E. How Requested: Letter Date: December 29, 2016		City of Norwalk Location: Route 136 (Wilson Avenue) at Covewood Drive and Bluff Avenue	
			Executive Director

Recommendations:

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].

Report of Findings:

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.

Existing Conditions

- 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.

TRAFFIC INVESTIGATION REPORT
OSTA No.: 102-1707-01
City of Norwalk

Route 136 (Wilson Avenue) at Covewood Drive and Bluff Avenue

- 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
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 Meeting Cancellation Notice

✚ The Public Works Committee Meeting scheduled for Tuesday, August 1, 2017 has been Cancelled.

✚ The next Meeting will be held on **Tuesday, September 5, 2017 in City Hall, Public Works Conference Room, 2nd Floor, Room 225 at 7:00p.m.**